EEDEN26

Daikin Altherma low temperature split
Technical Data
ERGA-EV / ERGA-EVH / ERGA-EVH7

TABLE OF CONTENTS
ERGA-EV / ERGA-EVH / ERGA-EVH7

1	Features	4
	ERGA-EV	4
2	Specifications	5
3	Combination table	122
4	Capacity graphs	123
	Cooling Capacity Graphs	123
	Heating Capacity Graphs	124
	Heating Capacity Graphs - more quiet mode	126
5	Capacity tables	127
	Certification Programs	127
6	Dimensional drawings	128
7	Centre of gravity	129
8	Piping diagrams	130
9	Wiring diagrams	131
	Wiring Diagrams - Single Phase	131
10	Sound data	132
	Sound Pressure Spectrum - Cooling	132
	Sound Pressure Spectrum - Heating	133
	Sound Pressure Spectrum Quiet Mode	134
11	Operation range	135

1 Features

1 - 1 ERGA-EV / ERGA-EVH / ERGA-EVH7

› Combining with R-32 Bluevolution technology, reduces environmental impact with 68% compared to R-410A, leads directly to lower energy consumption thanks to its high energy efficiency and has up to lower 16% refrigerant charge
› Outdoor unit extracts heat from the outdoor air, even at -25°C
› WLAN cartridge included

-25°
Guaranteed operation down to -25°C

Onecta app

Online controller

2 Specifications

2 - 1 Specifications

Technical specifications					EHBH04E6V + ERGA04EV
Heating capacity	Nom.			kW	4.30 (1) / 4.60 (2)
Power input	Heating	Nom.		kW	0.850 (1) / 1.26 (2)
COP					5.10 (1) / 3.65 (2)
Pump	Nominal ESP unit	Heating		kPa	59.6 (1) / 58.6 (2)
Water side Heat exchanger	Water flow rate	Heating	Nom.	l/min	12.3 (1) / 13.2 (2)
General	Supplier/ Manufacturer details	Name and address			Daikin Europe N.V. - Zandvoordestraat 300, 8400 Oostende, Belgium
		Name or trademark			Daikin Europe N.V.
	Product description	Air-to-water heat pump			Yes
		Brine-to-water heat pump			No
		Heat pump combination heater			No
		Low-temperature heat pump			No
		Supplementary heater integrated			Yes
		Water-to-water heat pump			No
	LW(A) Sound power level (according to EN14825)	dB(A)		dBA	42
LW(A) Sound power level (according to EN14825)	dB(A)			dBA	58
Sound condition Ecodesign and energy label					Sound power in heating mode, measured according to the EN12102 under conditions of the EN14825
Space heating general	Air to water unit	Rated airflow (outdoor)		m^3/h	2,280.0
	Other	Capacity control			Inverter
		Pck (Crankcase heater mode)		kW	0.000
		Poff (Off mode)		kW	0.010
		Psb (Standby mode)		kW	0.010
		Pto (Thermostat off)		kW	0.010
	Integrated supplementary heater	Psup		kW	6.0
		Type of energy input			Electrical
Space heating	Average climate water outlet 55°C	General	Annual energy consumption	kWh	3,806
			ηs (Seasonal space heating efficiency)	%	127
			Prated at -10°C	kW	6.0
			Qhe Annual energy consumption (GCV)	Gj	13.7
			SCOP		3.26
			Seasonal space heating eff. class		A++
		A Condition (-7°CD-B/-8°CWB)	Cdh (Degradation heating)		1.0
			COPd		1.97
			Pdh	kW	5.3
			PERd	%	79
		B Condition (2°CD-	Cdh (Degradation heating)		1.0
			COPd		3.23

2 Specifications

2 - 1 Specifications

Technical specifications					EHBH04E6V + ERGA04EV
Space heating	Average climate water outlet 55°C	B Condition (2°CD-B/1°CWB)	Pdh	kW	3.3
			PERd	%	129
		C Condition (7°CD-B/6°CWB)	Cdh (Degradation heating)		1.0
			COPd		4.40
			Pdh	kW	3.0
			PERd	%	176
		D Condition (12°CD-B/11°CWB)	Cdh (Degradation heating)		1.0
			COPd		6.10
			Pdh	kW	3.3
			PERd	%	244
		Tol (temperature operating limit)	COPd		1.37
			Pdh	kW	4.0
			PERd	%	55
			TOL	°C	-10
			WTOL	°C	55
		Rated heat output supplementary capacity	Psup (at Tdesign -10°C)	kW	2.0
		Tbiv (bivalent temp-	COPd		1.97
			Pdh	kW	5.3
			PERd	%	79
			Tbiv	°C	-7
	Cold climate water outlet 55°C	General	Annual energy consumption	kWh	4,468
			ηs (Seasonal space heating efficiency)	%	107
			Prated at -22°C	kW	5.0
	Warm climate water outlet 55°C	General	Annual energy consumption	kWh	1,660
			ηs (Seasonal space heating efficiency)	%	148
			Prated at 2°C	kW	4.7
	Average climate water outlet 35°C	General	Annual energy consumption	kWh	2,766
			ηs (Seasonal space heating efficiency)	%	176
			Prated at -10°C	kW	6.0
			Qhe Annual energy consumption (GCV)	Gj	9.96
			SCOP		4.48
			Seasonal space heating eff. class		A+++
		A Condition (-7°CD-B/-8°CWB)	COPd		2.90
			Pdh	kW	5.5
			PERd	%	116
		B Condition (2°CD-	Cdh (Degradation heating)		1.0
			COPd		4.33

2 Specifications

2 - 1 Specifications

Technical specifications					EHBH04E6V + ERGA04EV
Space heating	Average climate water outlet 35°C	B Condition (2°CD-B/1°CWB)	Pdh	kW	3.3
			PERd	%	173
		C Condition (7°CD-B/6°CWB)	Cdh (Degradation heating)		1.0
			COPd		6.19
			Pdh	kW	3.2
			PERd	%	248
		D Condition (12°CD-B/11°CWB)	Cdh (Degradation heating)		1.0
			COPd		7.78
			Pdh	kW	3.3
			PERd	%	311
		Tol (temperature operating limit)	COPd		2.56
			Pdh	kW	5.2
			PERd	%	102
			TOL	°C	-10
			WTOL	°C	35
		Tbiv (bivalent temperature)	COPd		2.90
			Pdh	kW	5.5
			PERd	%	116
			Tbiv	°C	-7
		Rated heat output supplementary capacity	Psup (at Tdesign -10°C)	kW	0.8
	Cold climate water outlet 35°C	General	Annual energy consumption	kWh	3,230
			ηs (Seasonal space heating efficiency)	%	150
			Prated at -22°C	kW	5.0
	Warm climate water outlet	General	Annual energy consumption	kWh	1,139
			ηs (Seasonal space heating efficiency)	%	241
			Prated at 2°C	kW	5.2

(1)Condition 1: cooling Ta 35°C - LWE 18°C (DT = 5°C); heating Ta DB/WB 7°C/6°C - LWC 35°C (DT = 5°C) |
(2)Condition 2: cooling Ta 35°C - LWE 7°C (DT = 5°C); heating Ta DB/WB 7°C/6°C - LWC 45°C (DT = 5°C)

Technical specifications					EHBX04E6V + ERGA04EV
Heating capacity	Nom.			kW	4.30 (1) / 4.60 (2)
Cooling capacity	Nom.			kW	4.86 (1) / 4.52 (2)
Power input	Heating	Nom.		kW	0.850 (1) / 1.26 (2)
	Cooling	Nom.		kW	0.810 (1) / 1.36 (2)
COP					5.10 (1) / 3.65 (2)
EER					5.98 (1) / 3.32 (2)
Pump	Nominal ESP unit	Cooling		kPa	54.6 (1) / 58.8 (2)
		Heating		kPa	59.6 (1) / 58.6 (2)
Water side Heat exchanger	Water flow rate	Cooling	Nom.	l/min	15.9 (1) / 13.0 (2)
		Heating	Nom.	l/min	12.3 (1) / 13.2 (2)
General	Supplier/ Manufacturer details	Name and address			Daikin Europe N.V. - Zandvoordestraat 300, 8400 Oostende, Belgium
		Name or trademark			Daikin Europe N.V.
	Product description	Air-to-water heat pump			Yes
		Brine-to-water heat pump			No
		Heat pump combination heater			No
		Low-temperature heat pump			No
		Supplementary heater integrated			Yes
		Water-to-water heat pump			No
	LW(A) Sound power level (according to EN14825)	dB(A)		dBA	42
LW(A) Sound power level (according to EN14825)	dB(A)			dBA	58
Sound condition Ecodesign and energy label					Sound power in heating mode, measured according to the EN12102 under conditions of the EN14825

2 Specifications

2 - 1 Specifications

Technical specifications					EHBX04E6V + ERGA04EV
Space heating general	Air to water unit	Rated airflow (outdoor)		m^3/h	2,280.0
	Other	Capacity control			Inverter
		Pck (Crankcase heater mode)		kW	0.000
		Poff (Off mode)		kW	0.010
		Psb (Standby mode)		kW	0.010
		Pto (Thermostat off)		kW	0.010
	Integrated supplementary heater	Psup		kW	6.0
		Type of energy input			Electrical
Space heating	Average climate water outlet 55°C	General	Annual energy consumption	kWh	3,769
			ηs (Seasonal space heating efficiency)	%	129
			Prated at -10°C	kW	6.0
			Qhe Annual energy consumption (GCV)	Gj	13.6
			SCOP		3.29
			Seasonal space heating eff. class		A++
		A Condition (-7°CD-B/-8°CWB)	Cdh (Degradation heating)		1.0
Space heating	Average climate water outlet 55°C	A Condition (-7°CD-B/-8°CWB)	COPd		1.97
			Pdh	kW	5.3
			PERd	%	79
		B Condition (2°CD-B/1°CWB)	Cdh (Degradation heating)		1.0
			COPd		3.23
			Pdh	kW	3.3
			PERd	%	129
		C Condition (7°CD-B/6°CWB)	Cdh (Degradation heating)		1.0
			COPd		4.40
			Pdh	kW	3.0
			PERd	%	176
		D Condition (12°CD-B/11°CWB)	Cdh (Degradation heating)		1.0
			COPd		6.10
			Pdh	kW	3.3
			PERd	%	244
		Tol (temperature operating limit)	COPd		1.37
			Pdh	kW	4.0
			PERd	%	55
			TOL	°C	-10
			WTOL	°C	55
		Rated heat output supplementary capacity	Psup (at Tdesign -10°C)	kW	2.0
		Tbiv (bivalent tem-	COPd		1.97
			Pdh	kW	5.3
			PERd	%	79
			Tbiv	°C	-7
	Cold climate water outlet 55°C	General	Annual energy consumption	kWh	4,446
			ηs (Seasonal space heating efficiency)	%	108
			Prated at -22°C	kW	5.0
	Warm climate water outlet 55°C	General	Annual energy consumption	kWh	1,616
			ηs (Seasonal space heating efficiency)	%	152
			Prated at 2°C	kW	4.7
	Average climate water outlet 35°C	General	Annual energy consumption	kWh	2,729
			ηs (Seasonal space heating efficiency)	%	179
			Prated at -10°C	kW	6.0
			Qhe Annual energy consumption (GCV)	Gj	9.82
			SCOP		4.54
			Seasonal space heating eff. class		A+++

2 Specifications

2 - 1 Specifications

Technical specifications					EHBX04E6V + ERGA04EV
Space heating	Average climate water outlet 35°C	A Condition (-7°CD-B/-8°CWB)	COPd		2.90
			Pdh	kW	5.5
			PERd	%	116
		B Condition (2°CD-B/1°CWB)	Cdh (Degradation heating)		1.0
			COPd		4.33
			Pdh	kW	3.3
			PERd	%	173
		C Condition (7°CD-B/6°CWB)	Cdh (Degradation heating)		1.0
			COPd		6.19
			Pdh	kW	3.2
			PERd	%	248
		D Condition (12°CD-B/11°CWB)	Cdh (Degradation heating)		1.0
			COPd		7.78
			Pdh	kW	3.3
			PERd	%	311
		Tol (temperature operating limit)	COPd		2.56
			Pdh	kW	5.2
			PERd	%	102
			TOL	°C	-10
			WTOL	°C	35
		Tbiv (bivalent temperature)	COPd		2.90
			Pdh	kW	5.5
			PERd	%	116
			Tbiv	°C	-7
		Rated heat output supplementary capacity	Psup (at Tdesign -10°C)	kW	0.8
	Cold climate water outlet 35°C	General	Annual energy consumption	kWh	3,208
			ηs (Seasonal space heating efficiency)	%	151
			Prated at -22°C	kW	5.0
	Warm climate water outlet	General	Annual energy consumption	kWh	1,095
			ηs (Seasonal space heating efficiency)	%	251
			Prated at 2°C	kW	5.2

(1)Condition 1: cooling Ta 35°C - LWE 18°C (DT = 5°C); heating Ta DB/WB 7°C/6°C - LWC 35°C (DT = 5°C) |
(2)Condition 2: cooling Ta 35°C - LWE 7°C (DT = 5°C); heating Ta DB/WB 7°C/6°C - LWC 45°C (DT = 5°C)

Technical specifications					EHSH04P30E + ERGA04EV
Indoor unit					EHSH04P30EG
Outdoor unit					ERGA04EAV3
Heating capacity	Nom.			kW	4.30 (1) / 4.60 (2)
Power input	Heating	Nom.		kW	0.840 (1) / 1.26 (2)
COP					5.10 (1) / 3.65 (2)
Pump	Type				Grundfos UPM4 K 20-75 CHBL FS2
Water side Heat exchanger	Water flow rate	Heating	Nom.	l/min	12.3 (1) / 13.2 (2)
General	Supplier/ Manufacturer details	Name and address			Daikin Europe N.V. - Zandvoordestraat 300, 8400 Oostende, Belgium
		Name or trademark			Daikin Europe N.V.
	Product description	Air-to-water heat pump			Yes
		Brine-to-water heat pump			No
		Heat pump combination heater			Yes
		Low-temperature heat pump			No
		Supplementary heater integrated			No
		Water-to-water heat pump			No
	LW(A) Sound power level (according to EN14825)	dB(A)		dBA	39
LW(A) Sound power level (according to EN14825)	dB(A)			dBA	58
Sound condition Ecodesign and energy label					Sound power in heating mode, measured according to the EN12102 under conditions of the EN14825

2 Specifications

2 - 1 Specifications

Technical specifications				EHSH04P30E + ERGA04EV
Space heating general	Air to water unit	Rated airflow (outdoor)	m^3/h	2,280
	Other	Capacity control		Inverter
		Pck (Crankcase heater mode)	kW	0.000
		Poff (Off mode)	kW	0.010
		Psb (Standby mode)	kW	0.010
		Pto (Thermostat off)	kW	0.010
Domestic hot water heating	General	Declared load profile		L
		Function to fix water heating during off peak hours		No
Space heating general	Integrated supplementary heater	Type of energy input		Electrical
Domestic hot water heating	Average climate	AEC (Annual electricity consumption)	kWh	867
		COPdhw		2.80
		Heat up time		1h 34min
		Mixed water at 40°C	l	140.4
		ηwh (water heating efficiency)	%	118
		Qelec (Daily electricity consumption)	kWh	4.172
		Reference hot water temperature	°C	44.6
		Stand-by power input	W	40.4
		Water heating energy efficiency class		A+
Domestic hot water heating	Cold climate	AEC (Annual electricity consumption)	kWh	1,006
		COPdhw		2.41
		Mixed water at 40°C	l	140.0
		ηwh (water heating efficiency)	%	102
		Qelec (Daily electricity consumption)	kWh	4.835
		Reference hot water temperature	°C	44.4
		Stand-by power input	W	46.0
	Warm climate	AEC (Annual electricity consumption)	kWh	716
		COPdhw		3.38
		Mixed water at 40°C	l	138.1
		ηwh (water heating efficiency)	%	143
		Qelec (Daily electricity consumption)	kWh	3.447
		Reference hot water temperature	°C	44.4
		Stand-by power input	W	33.9
Space heating	Average climate water outlet 55°C	General Annual energy consumption	kWh	3,806
		ηs (Seasonal space heating efficiency)	%	127
		Prated at -10°C	kW	6.0
		Qhe Annual energy consumption (GCV)	Gj	14
		SCOP		3.26
		Seasonal space heating eff. class		A++
		A Condition (-7°CD-B/-8°CWB) Cdh (Degradation heating)		1.0
		COPd		1.97
		Pdh	kW	5.3
		PERd	%	78.8
		B Condition (2°CD-B/1°CWB) Cdh (Degradation heating)		1.0
		COPd		3.23
		Pdh	kW	3.3
		PERd	%	129.2
		C Condition (7°CD-B/6°CWB) Cdh (Degradation heating)		1.0
		COPd		4.40
		Pdh	kW	3.0
		PERd	%	176.0
		D Condition (12°CD-B/11°CWB) Cdh (Degradation heating)		1.0
		COPd		6.10
		Pdh	kW	3.3
		PERd	%	244.0
		Tol (temperature operating limit) COPd		1.37

2 Specifications

2 - 1 Specifications

Technical specifications					EHSH04P30E + ERGA04EV
Space heating	Average climate water outlet 55°C	Tol (temperature operating limit)	Pdh	kW	4.0
			PERd	%	54.8
			TOL	°C	-10
			WTOL	°C	55
		Rated heat output supplementary capacity	Psup (at Tdesign -10°C)	kW	2.0
		Tbiv (bivalent tem-	COPd		1.97
			Pdh	kW	5.3
			PERd	%	78.8
			Tbiv	°C	-7
	Cold climate water outlet 55°C	General	Annual energy consumption	kWh	4,468
			ηs (Seasonal space heating efficiency)	%	107
			Prated at -22°C	kW	5.0
			Qhe Annual energy consumption (GCV)	Gj	16
	Warm climate water outlet 55°C	General	Annual energy consumption	kWh	1,660
			ηs (Seasonal space heating efficiency)	%	148
			Prated at 2°C	kW	4.7
			Qhe Annual energy consumption (GCV)	Gj	6
	Average climate water outlet 35°C	General	Annual energy consumption	kWh	2,766
			ηs (Seasonal space heating efficiency)	%	176
			Prated at -10°C	kW	6.0
			Qhe Annual energy consumption (GCV)	Gj	10
			SCOP		4.48
			Seasonal space heating eff. class		A+++
		A Condition (-7°CD-B/-8°CWB)	COPd		2.90
			Pdh	kW	5.5
			PERd	%	116.0
		B Condition (2°CD-B/1°CWB)	Cdh (Degradation heating)		1.0
			COPd		4.33
			Pdh	kW	3.3
			PERd	%	173.2
		C Condition (7°CD-B/6°CWB)	Cdh (Degradation heating)		1.0
			COPd		6.19
			Pdh	kW	3.2
			PERd	%	247.6
		D Condition (12°CD-B/11°CWB)	Cdh (Degradation heating)		1.0
			COPd		7.78
			Pdh	kW	3.3

2 Specifications

2 - 1 Specifications

Technical specifications					EHSH04P30E + ERGA04EV
Space heating	Average climate water outlet 35°C	D Condition (12°CD-B/11°CWB)	PERd	%	311.2
		Tol (temperature operating limit)	COPd		2.56
			Pdh	kW	5.2
			PERd	%	102.4
			TOL	°C	-10
			WTOL	°C	35
		Tbiv (bivalent temperature)	COPd		2.90
			Pdh	kW	5.5
			PERd	%	116.0
			Tbiv	°C	-7
		Rated heat output supplementary capacity	Psup (at Tdesign -10°C)	kW	0.8
	Cold climate water outlet 35°C	General	Annual energy consumption	kWh	3,230
			ηs (Seasonal space heating efficiency)	%	150
			Prated at -22°C	kW	5.0
			Qhe Annual energy consumption (GCV)	Gj	12
	Warm climate water outlet 35°C	General	Annual energy consumption	kWh	1,139
			ηs (Seasonal space heating efficiency)	%	241
			Prated at 2°C	kW	5.2
			Qhe Annual energy consumption (GCV)	Gj	4

(1)Condition 1: cooling Ta 35°C - LWE 18°C (DT = 5°C); heating Ta DB/WB 7°C/6°C - LWC 35°C (DT = 5°C) |
(2)Condition 2: cooling Ta 35°C - LWE 7°C (DT = 5°C); heating Ta DB/WB 7°C/6°C - LWC 45°C (DT = 5°C)

Technical specifications					EHSHB04P30E + ERGA04EV
Indoor unit					EHSHB04P30EG
Outdoor unit					ERGA04EAV3
Heating capacity	Nom.			kW	4.30 (1) / 4.60 (2)
Power input	Heating	Nom.		kW	0.840 (1) / 1.26 (2)
COP					5.10 (1) / 3.65 (2)
Pump	Type				Grundfos UPM4 K 20-75 CHBL FS2
Water side Heat exchanger	Water flow rate	Heating	Nom.	l/min	12.3 (1) / 13.2 (2)
General	Supplier/ Manufacturer details	Name and address			Daikin Europe N.V. - Zandvoordestraat 300, 8400 Oostende, Belgium
		Name or trademark			Daikin Europe N.V.
	Product description	Air-to-water heat pump			Yes
		Brine-to-water heat pump			No
		Heat pump combination heater			Yes
		Low-temperature heat pump			No
		Supplementary heater integrated			No
		Water-to-water heat pump			No
	LW(A) Sound power level (according to EN14825)	dB(A)		dBA	39
LW(A) Sound power level (according to EN14825)	dB(A)			dBA	58
Sound condition Ecodesign and energy label					Sound power in heating mode, measured according to the EN12102 under conditions of the EN14825
Space heating general	Air to water unit	Rated airflow (outdoor)		m^3/h	2,280
	Other	Capacity control			Inverter
		Pck (Crankcase heater mode)		kW	0.000
		Poff (Off mode)		kW	0.010
		Psb (Standby mode)		kW	0.010
		Pto (Thermostat off)		kW	0.010

2 Specifications

2 - 1 Specifications

Technical specifications					EHSHB04P30E + ERGA04EV
Domestic hot water heating	General	Declared load profile			L
		Function to fix water heating during off peak hours			No
Space heating general	Integrated supplementary heater	Type of energy input			Electrical
Domestic hot water heating	Average climate	AEC (Annual electricity consumption)		kWh	867
		COPdhw			2.80
		Heat up time			1h 34min
		Mixed water at 40°C		l	140.4
		ηwh (water heating efficiency)		%	118
		Qelec (Daily electricity consumption)		kWh	4.172
		Reference hot water temperature		°C	44.6
		Stand-by power input		W	40.4
		Water heating energy efficiency class			A+
Domestic hot water heating	Cold climate	AEC (Annual electricity consumption)		kWh	1,006
		COPdhw			2.41
		Mixed water at 40°C		l	140.0
		ηwh (water heating efficiency)		%	102
		Qelec (Daily electricity consumption)		kWh	4.835
		Reference hot water temperature		°C	44.4
		Stand-by power input		W	46.0
	Warm climate	AEC (Annual electricity consumption)		kWh	716
		COPdhw			3.38
		Mixed water at 40°C		l	138.1
		ηwh (water heating efficiency)		%	143
		Qelec (Daily electricity consumption)		kWh	3.447
		Reference hot water temperature		°C	44.4
		Stand-by power input		W	33.9
Space heating	Average climate water outlet 55°C	General	Annual energy consumption	kWh	3,806
			ηs (Seasonal space heating efficiency)	%	127
			Prated at -10°C	kW	6.0
			Qhe Annual energy consumption (GCV)	Gj	14
			SCOP		3.26
			Seasonal space heating eff. class		A++
		A Condition (-7°CD-B/-8°CWB)	Cdh (Degradation heating)		1.0
			COPd		1.97
			Pdh	kW	5.3
			PERd	%	78.8
		B Condition (2°CD-B/1°CWB)	Cdh (Degradation heating)		1.0
			COPd		3.23
			Pdh	kW	3.3
			PERd	%	129.2
		C Condition (7°CD-B/6°CWB)	Cdh (Degradation heating)		1.0
			COPd		4.40
			Pdh	kW	3.0
			PERd	%	176.0
		D Condition (12°CD-B/11°CWB)	Cdh (Degradation heating)		1.0
			COPd		6.10
			Pdh	kW	3.3
			PERd	%	244.0
		Tol (temperature operating limit)	COPd		1.37

2 Specifications

2 - 1 Specifications

Technical specifications					EHSHB04P30E + ERGA04EV
Space heating	Average climate water outlet 55°C	Tol (temperature operating limit)	Pdh	kW	4.0
			PERd	%	54.8
			TOL	°C	-10
			WTOL	°C	55
		Rated heat output supplementary capacity	Psup (at Tdesign -10°C)	kW	2.0
		Tbiv (bivalent temp-	COPd		1.97
			Pdh	kW	5.3
			PERd	%	78.8
			Tbiv	°C	-7
	Cold climate water outlet 55°C	General	Annual energy consumption	kWh	4,468
			ηs (Seasonal space heating efficiency)	%	107
			Prated at -22°C	kW	5.0
			Qhe Annual energy consumption (GCV)	Gj	16
	Warm climate water outlet 55°C	General	Annual energy consumption	kWh	1,660
			ηs (Seasonal space heating efficiency)	%	148
			Prated at 2°C	kW	4.7
			Qhe Annual energy consumption (GCV)	Gj	6
	Average climate water outlet 35°C	General	Annual energy consumption	kWh	2,766
			ηs (Seasonal space heating efficiency)	%	176
			Prated at -10°C	kW	6.0
			Qhe Annual energy consumption (GCV)	Gj	10
			SCOP		4.48
			Seasonal space heating eff. class		A+++
		A Condition (-7°CDB/-8°CWB)	COPd		2.90
			Pdh	kW	5.5
			PERd	%	116.0
		B Condition (2°CDB/1°CWB)	Cdh (Degradation heating)		1.0
			COPd		4.33
			Pdh	kW	3.3
			PERd	%	173.2
		C Condition (7°CDB/6°CWB)	Cdh (Degradation heating)		1.0
			COPd		6.19
			Pdh	kW	3.2
			PERd	%	247.6
		D Condition (12°CDB/11°CWB)	Cdh (Degradation heating)		1.0
			COPd		7.78
			Pdh	kW	3.3

2 Specifications

2 - 1 Specifications

Technical specifications					EHSHB04P30E + ERGA04EV
Space heating	Average climate water outlet 35°C	D Condition (12°CD-B/11°CWB)	PERd	%	311.2
		Tol (temperature operating limit)	COPd		2.56
			Pdh	kW	5.2
			PERd	%	102.4
			TOL	°C	-10
			WTOL	°C	35
		Tbiv (bivalent temperature)	COPd		2.90
			Pdh	kW	5.5
			PERd	%	116.0
			Tbiv	°C	-7
		Rated heat output supplementary capacity	Psup (at Tdesign -10°C)	kW	0.8
	Cold climate water outlet 35°C	General	Annual energy consumption	kWh	3,230
			ηs (Seasonal space heating efficiency)	%	150
			Prated at -22°C	kW	5.0
			Qhe Annual energy consumption (GCV)	Gj	12
	Warm climate water outlet 35°C	General	Annual energy consumption	kWh	1,139
			ηs (Seasonal space heating efficiency)	%	241
			Prated at 2°C	kW	5.2
			Qhe Annual energy consumption (GCV)	Gj	4

(1)Condition 1: cooling Ta 35°C - LWE 18°C (DT = 5°C); heating Ta DB/WB 7°C/6°C - LWC 35°C (DT = 5°C) |
(2)Condition 2: cooling Ta 35°C - LWE 7°C (DT = 5°C); heating Ta DB/WB 7°C/6°C - LWC 45°C (DT = 5°C)

Technical specifications					EHSX04P30E + ERGA04EV	EHSX04P50E + ERGA04EV
Indoor unit					EHSX04P30EG	EHSX04P50EG
Outdoor unit					ERGA04EAV3	
Heating capacity	Nom.			kW	4.30 (1) / 4.60 (2)	
Cooling capacity	Nom.			kW	4.86 (1) / 4.52 (2)	
Power input	Heating	Nom.		kW	0.840 (1) / 1.26 (2)	
	Cooling	Nom.		kW	0.810 (1) / 1.36 (2)	
COP					5.10 (1) / 3.65 (2)	
EER					5.98 (1) / 3.32 (2)	
Pump	Type				Grundfos UPM4 K 20-75 CHBL FS2	
Water side Heat exchanger	Water flow rate	Cooling	Nom.	l/min	13.9 (1) / 13.0 (2)	
		Heating	Nom.	l/min	12.3 (1) / 13.2 (2)	
General	Supplier/ Manufacturer details	Name and address			Daikin Europe N.V. - Zandvoordestraat 300, 8400 Oostende, Belgium	
		Name or trademark			Daikin Europe N.V.	
	Product description	Air-to-water heat pump			Yes	
		Brine-to-water heat pump			No	
		Heat pump combination heater			Yes	
		Low-temperature heat pump			No	
		Supplementary heater integrated			No	
		Water-to-water heat pump			No	
	LW(A) Sound power level (according to EN14825)	dB(A)		dBA	39	
LW(A) Sound power level (according to EN14825)	dB(A)			dBA	58	
Sound condition Ecodesign and energy label					Sound power in heating mode, measured according to the EN12102 under conditions of the EN14825	
Space heating general	Air to water unit	Rated airflow (outdoor)		m^3/h	2,280	
	Other	Capacity control			Inverter	
		Pck (Crankcase heater mode)		kW	0.000	
		Poff (Off mode)		kW	0.010	
		Psb (Standby mode)		kW	0.010	
		Pto (Thermostat off)		kW	0.010	

2 Specifications

2 - 1 Specifications

Technical specifications					EHSX04P30E + ERGA04EV	EHSX04P50E + ERGA04EV
Domestic hot water heating	General	Declared load profile			L	XL
		Function to fix water heating during off peak hours			No	
Space heating general	Integrated supplementary heater	Type of energy input			Electrical	
Domestic hot water heating	Average climate	AEC (Annual electricity consumption)		kWh	867	1,336
		COPdhw			2.80	3.06
		Heat up time			1h 34min	2h 41min
		Mixed water at 40°C		l	140.4	227.9
		ηwh (water heating efficiency)		%	118	125
Domestic hot water heating	Average climate	Qelec (Daily electricity consumption)		kWh	4.172	6.224
		Reference hot water temperature		°C	44.6	
		Stand-by power input		W	40.4	25.3
		Water heating energy efficiency class			A+	
	Cold climate	AEC (Annual electricity consumption)		kWh	1,006	1,493
		COPdhw			2.41	2.75
		Mixed water at 40°C		l	140.0	227.9
		ηwh (water heating efficiency)		%	102	112
		Qelec (Daily electricity consumption)		kWh	4.835	6.944
		Reference hot water temperature		°C	44.4	44.6
		Stand-by power input		W	46.0	26.7
	Warm climate	AEC (Annual electricity consumption)		kWh	716	1,186
		COPdhw			3.38	3.45
		Mixed water at 40°C		l	138.1	227.9
		ηwh (water heating efficiency)		%	143	141
		Qelec (Daily electricity consumption)		kWh	3.447	5.531
		Reference hot water temperature		°C	44.4	44.6
		Stand-by power input		W	33.9	23.7
Space heating	Average climate water outlet 55°C	General	Annual energy consumption	kWh	3,769	
			ηs (Seasonal space heating efficiency)	%	129	
			Prated at -10°C	kW	6.0	
			Qhe Annual energy consumption (GCV)	Gj	14	
			SCOP		3.29	
			Seasonal space heating eff. class		A++	
		A Condition (-7°CD-B/-8°CWB)	Cdh (Degradation heating)		1.0	
			COPd		1.97	
			Pdh	kW	5.3	
			PERd	%	78.8	
		B Condition (2°CD-B/1°CWB)	Cdh (Degradation heating)		1.0	
			COPd		3.23	
			Pdh	kW	3.3	
			PERd	%	129.2	
		C Condition (7°CD-B/6°CWB)	Cdh (Degradation heating)		1.0	
			COPd		4.40	
			Pdh	kW	3.0	
			PERd	%	176.0	
		D Condition (12°CD-B/11°CWB)	Cdh (Degradation heating)		1.0	

2 Specifications

2 - 1 Specifications

Technical specifications					EHSX04P30E + ERGA04EV	EHSX04P50E + ERGA04EV
Space heating	Average climate water outlet 55°C	D Condition (12°CD-B/11°CWB)	COPd		6.10	
			Pdh	kW	3.3	
			PERd	%	244.0	
		Tol (temperature operating limit)	COPd		1.37	
			Pdh	kW	4.0	
			PERd	%	54.8	
			TOL	°C	-10	
			WTOL	°C	55	
		Rated heat output supplementary capacity	Psup (at Tdesign -10°C)	kW	2.0	
		Tbiv (bivalent temperature)	COPd		1.97	
			Pdh	kW	5.3	
			PERd	%	78.8	
			Tbiv	°C	-7	
	Cold climate water outlet 55°C	General	Annual energy consumption	kWh	4,446	
			ηs (Seasonal space heating efficiency)	%	108	
			Prated at -22°C	kW	5.0	
			Qhe Annual energy consumption (GCV)	Gj	16	
	Warm climate water outlet 55°C	General	Annual energy consumption	kWh	1,616	
			ηs (Seasonal space heating efficiency)	%	152	
			Prated at 2°C	kW	4.7	
			Qhe Annual energy consumption (GCV)	Gj	6	
	Average climate water outlet 35°C	General	Annual energy consumption	kWh	2,729	
			ηs (Seasonal space heating efficiency)	%	179	
			Prated at -10°C	kW	6.0	
			Qhe Annual energy consumption (GCV)	Gj	10	
			SCOP		4.54	
			Seasonal space heating eff. class		A+++	
		A Condition (-7°CD-B/-8°CWB)	COPd		2.90	
			Pdh	kW	5.5	
			PERd	%	116.0	
		B Condition (2°CD-B/1°CWB)	Cdh (Degradation heating)		1.0	
			COPd		4.33	
			Pdh	kW	3.3	
			PERd	%	173.2	
		C Condition (7°CD-B/6°CWB)	Cdh (Degradation heating)		1.0	
			COPd		6.19	
			Pdh	kW	3.2	

2 Specifications

2 - 1 Specifications

Technical specifications					EHSX04P30E + ERGA04EV	EHSX04P50E + ERGA04EV
Space heating	Average climate water outlet 35°C	C Condition (7°CD-B/6°CWB)	PERd	%	247.6	
		D Condition (12°CD-B/11°CWB)	Cdh (Degradation heating)		1.0	
			COPd		7.78	
			Pdh	kW	3.3	
			PERd	%	311.2	
		Tol (temperature operating limit)	COPd		2.56	
			Pdh	kW	5.2	
			PERd	%	102.4	
			TOL	°C	-10	
			WTOL	°C	35	
		Tbiv (bivalent temperature)	COPd		2.90	
			Pdh	kW	5.5	
			PERd	%	116.0	
			Tbiv	°C	-7	
		Rated heat output supplementary capacity	Psup (at Tdesign -10°C)	kW	0.8	
	Cold climate water outlet 35°C	General	Annual energy consumption	kWh	3,208	
			ηs (Seasonal space heating efficiency)	%	151	
			Prated at -22°C	kW	5.0	
			Qhe Annual energy consumption (GCV)	Gj	12	
	Warm climate water outlet 35°C	General	Annual energy consumption	kWh	1,095	
			ηs (Seasonal space heating efficiency)	%	251	
			Prated at 2°C	kW	5.2	
			Qhe Annual energy consumption (GCV)	Gj	4	

(1)Condition 1: cooling Ta 35°C - LWE 18°C (DT = 5°C); heating Ta DB/WB 7°C/6°C - LWC 35°C (DT = 5°C) |
(2)Condition 2: cooling Ta 35°C - LWE 7°C (DT = 5°C); heating Ta DB/WB 7°C/6°C - LWC 45°C (DT = 5°C)

Technical specifications					EHSXB04P30E + ERGA04EV	EHSXB04P50E + ERGA04EV
Indoor unit					EHSXB04P30EG	EHSXB04P50EG
Outdoor unit					ERGA04EAV3	
Heating capacity	Nom.			kW	4.30 (1) / 4.60 (2)	
Cooling capacity	Nom.			kW	4.86 (1) / 4.52 (2)	
Power input	Heating	Nom.		kW	0.840 (1) / 1.26 (2)	
	Cooling	Nom.		kW	0.810 (1) / 1.36 (2)	
COP					5.10 (1) / 3.65 (2)	
EER					5.98 (1) / 3.32 (2)	
Pump	Type				Grundfos UPM4 K 20-75 CHBL FS2	
Water side Heat exchanger	Water flow rate	Cooling	Nom.	l/min	13.9 (1) / 13.0 (2)	
		Heating	Nom.	l/min	12.3 (1) / 13.2 (2)	
General	Supplier/ Manufacturer details	Name and address			Daikin Europe N.V. - Zandvoordestraat 300, 8400 Oostende, Belgium	
		Name or trademark			Daikin Europe N.V.	
	Product description	Air-to-water heat pump			Yes	
		Brine-to-water heat pump			No	
		Heat pump combination heater			Yes	
		Low-temperature heat pump			No	
		Supplementary heater integrated			No	
		Water-to-water heat pump			No	
	LW(A) Sound power level (according to EN14825)	dB(A)		dBA	39	
LW(A) Sound power level (according to EN14825)	dB(A)			dBA	58	
Sound condition Ecodesign and energy label					Sound power in heating mode, measured according to the EN12102 under conditions of the EN14825	

2 Specifications

2 - 1 Specifications

Technical specifications					EHSXB04P30E + ERGA04EV	EHSXB04P50E + ERGA04EV
Space heating general	Air to water unit	Rated airflow (outdoor)		m^3/h	2,280	
	Other	Capacity control			Inverter	
		Pck (Crankcase heater mode)		kW	0.000	
		Poff (Off mode)		kW	0.010	
		Psb (Standby mode)		kW	0.010	
		Pto (Thermostat off)		kW	0.010	
Domestic hot water heating	General	Declared load profile			L	XL
		Function to fix water heating during off peak hours			No	
Space heating general	Integrated supplementary heater	Type of energy input			Electrical	
Domestic hot water heating	Average climate	AEC (Annual electricity consumption)		kWh	867	1,336
		COPdhw			2.80	3.06
		Heat up time			1h 34min	2h 41min
		Mixed water at 40°C		l	140.4	227.9
		ηwh (water heating efficiency)		%	118	125
Domestic hot water heating	Average climate	Qelec (Daily electricity consumption)		kWh	4.172	6.224
		Reference hot water temperature		°C	44.6	
		Stand-by power input		W	40.4	25.3
		Water heating energy efficiency class			A+	
	Cold climate	AEC (Annual electricity consumption)		kWh	1,006	1,493
		COPdhw			2.41	2.75
		Mixed water at 40°C		l	140.0	227.9
		ηwh (water heating efficiency)		%	102	112
		Qelec (Daily electricity consumption)		kWh	4.835	6.944
		Reference hot water temperature		°C	44.4	44.6
		Stand-by power input		W	46.0	26.7
	Warm climate	AEC (Annual electricity consumption)		kWh	716	1,186
		COPdhw			3.38	3.45
		Mixed water at 40°C		l	138.1	227.9
		ηwh (water heating efficiency)		%	143	141
		Qelec (Daily electricity consumption)		kWh	3.447	5.531
		Reference hot water temperature		°C	44.4	44.6
		Stand-by power input		W	33.9	23.7
Space heating	Average climate water outlet 55°C	General	Annual energy consumption	kWh	3,769	
			ηs (Seasonal space heating efficiency)	%	129	
			Prated at -10°C	kW	6.0	
			Qhe Annual energy consumption (GCV)	Gj	14	
			SCOP		3.29	
			Seasonal space heating eff. class		A++	
		A Condition (-7°CD-B/-8°CWB)	Cdh (Degradation heating)		1.0	
			COPd		1.97	
			Pdh	kW	5.3	
			PERd	%	78.8	
		B Condition (2°CD-B/1°CWB)	Cdh (Degradation heating)		1.0	
			COPd		3.23	
			Pdh	kW	3.3	
			PERd	%	129.2	
		C Condition (7°CD-B/6°CWB)	Cdh (Degradation heating)		1.0	
			COPd		4.40	
			Pdh	kW	3.0	
			PERd	%	176.0	
		D Condition (12°CD-B/11°CWB)	Cdh (Degradation heating)		1.0	

2 Specifications

2 - 1 Specifications

Technical specifications					EHSXB04P30E + ERGA04EV	EHSXB04P50E + ERGA04EV
Space heating	Average climate water outlet 55°C	D Condition (12°CD-B/11°CWB)	COPd		6.10	
			Pdh	kW	3.3	
			PERd	%	244.0	
		Tol (temperature operating limit)	COPd		1.37	
			Pdh	kW	4.0	
			PERd	%	54.8	
			TOL	°C	-10	
			WTOL	°C	55	
		Rated heat output supplementary capacity	Psup (at Tdesign -10°C)	kW	2.0	
		Tbiv (bivalent temperature)	COPd		1.97	
			Pdh	kW	5.3	
			PERd	%	78.8	
			Tbiv	°C	-7	
	Cold climate water outlet 55°C	General	Annual energy consumption	kWh	4,446	
			ηs (Seasonal space heating efficiency)	%	108	
			Prated at -22°C	kW	5.0	
			Qhe Annual energy consumption (GCV)	Gj	16	
	Warm climate water outlet 55°C	General	Annual energy consumption	kWh	1,616	
			ηs (Seasonal space heating efficiency)	%	152	
			Prated at 2°C	kW	4.7	
			Qhe Annual energy consumption (GCV)	Gj	6	
	Average climate water outlet 35°C	General	Annual energy consumption	kWh	2,729	
			ηs (Seasonal space heating efficiency)	%	179	
			Prated at -10°C	kW	6.0	
			Qhe Annual energy consumption (GCV)	Gj	10	
			SCOP		4.54	
			Seasonal space heating eff. class		A+++	
		A Condition (-7°CD-B/-8°CWB)	COPd		2.90	
			Pdh	kW	5.5	
			PERd	%	116.0	
		B Condition (2°CD-B/1°CWB)	Cdh (Degradation heating)		1.0	
			COPd		4.33	
			Pdh	kW	3.3	
			PERd	%	173.2	
		C Condition (7°CD-B/6°CWB)	Cdh (Degradation heating)		1.0	
			COPd		6.19	
			Pdh	kW	3.2	

2 Specifications

2 - 1 Specifications

Technical specifications					EHSXB04P30E + ERGA04EV	EHSXB04P50E + ERGA04EV
Space heating	Average climate water outlet 35°C	C Condition (7°CD-B/6°CWB)	PERd	%	247.6	
		D Condition (12°CD-B/11°CWB)	Cdh (Degradation heating)		1.0	
			COPd		7.78	
			Pdh	kW	3.3	
			PERd	%	311.2	
		Tol (temperature operating limit)	COPd		2.56	
			Pdh	kW	5.2	
			PERd	%	102.4	
			TOL	°C	-10	
			WTOL	°C	35	
		Tbiv (bivalent temperature)	COPd		2.90	
			Pdh	kW	5.5	
			PERd	%	116.0	
			Tbiv	°C	-7	
		Rated heat output supplementary capacity	Psup (at Tdesign -10°C)	kW	0.8	
	Cold climate water outlet 35°C	General	Annual energy consumption	kWh	3,208	
			ηs (Seasonal space heating efficiency)	%	151	
			Prated at -22°C	kW	5.0	
			Qhe Annual energy consumption (GCV)	Gj	12	
	Warm climate water outlet 35°C	General	Annual energy consumption	kWh	1,095	
			ηs (Seasonal space heating efficiency)	%	251	
			Prated at 2°C	kW	5.2	
			Qhe Annual energy consumption (GCV)	Gj	4	

(1)Condition 1: cooling Ta 35°C - LWE 18°C (DT = 5°C); heating Ta DB/WB 7°C/6°C - LWC 35°C (DT = 5°C) |
(2)Condition 2: cooling Ta 35°C - LWE 7°C (DT = 5°C); heating Ta DB/WB 7°C/6°C - LWC 45°C (DT = 5°C)

Technical specifications					EHVH04S18E6V + ERGA04EV	EHVH04S23E6V + ERGA04EV
Heating capacity	Nom.			kW	4.30 (1) / 4.60 (2)	
Power input	Heating	Nom.		kW	0.850 (1) / 1.26 (2)	
	Domestic hot water from 10°C to 50°C	Nom.		kWh	2.48	3.01
Heat up time from 10°C to 50°C				hr	1h28min	1h40min
COP					5.10 (1) / 3.65 (2)	
Pump	Nominal ESP unit	Heating		kPa	59.6 (1) / 58.6 (2)	
Water side Heat exchanger	Water flow rate	Heating	Nom.	l/min	12.3 (1) / 13.2 (2)	
General	Supplier/ Manufacturer details	Name and address			Daikin Europe N.V. - Zandvoordestraat 300, 8400 Oostende, Belgium	
		Name or trademark			Daikin Europe N.V.	
	Product description	Air-to-water heat pump			Yes	
		Brine-to-water heat pump			No	
		Heat pump combination heater			Yes	
		Low-temperature heat pump			No	
		Supplementary heater integrated			Yes	
		Water-to-water heat pump			No	
	LW(A) Sound power level (according to EN14825)	dB(A)		dBA	42	
LW(A) Sound power level (according to EN14825)	dB(A)			dBA	58	
Sound condition Ecodesign and energy label					Sound power in heating mode, measured according to the EN12102 under conditions of the EN14825	

2 Specifications

2 - 1 Specifications

Technical specifications				EHVH04S18E6V + ERGA04EV	EHVH04S23E6V + ERGA04EV
Space heating general	Air to water unit	Rated airflow (outdoor)	m^3/h	2,280.0	
	Other	Capacity control		Inverter	
		Pck (Crankcase heater mode)	kW	0.000	
		Poff (Off mode)	kW	0.010	
		Psb (Standby mode)	kW	0.010	
		Pto (Thermostat off)	kW	0.010	
Domestic hot water heating	General	Declared load profile		L	XL
		Function to fix water heating during off peak hours		No	
Space heating general	Integrated supplementary heater	Psup	kW	6.0	
		Type of energy input		Electrical	
Domestic hot water heating	Average climate	AEC (Annual electricity consumption)	kWh	820	1,267
		ηwh (water heating efficiency)	%	125	133
		Qelec (Daily electricity consumption)	kWh	3.870	5.900
		Water heating energy efficiency class		A+	
	Cold climate	AEC (Annual electricity consumption)	kWh	951	1,475
		ηwh (water heating efficiency)	%	107	114
		Qelec (Daily electricity consumption)	kWh	4.480	6.860
	Warm climate	AEC (Annual electricity consumption)	kWh	680	1,046
Domestic hot water heating	Warm climate	ηwh (water heating efficiency)	%	151	161
		Qelec (Daily electricity consumption)	kWh	3.220	4.880

2 Specifications

2 - 1 Specifications

Technical specifications					EHVH04S18E6V + ERGA04EV	EHVH04S23E6V + ERGA04EV
Space heating	Average climate water outlet 55°C	General	Annual energy consumption	kWh	3,806	
			ηs (Seasonal space heating efficiency)	%	127	
			Prated at -10°C	kW	6.0	
			Qhe Annual energy consumption (GCV)	Gj	13.7	
			SCOP		3.26	
			Seasonal space heating eff. class		A++	
		A Condition (-7°CD-B/-8°CWB)	Cdh (Degradation heating)		1.0	
			COPd		1.97	
			Pdh	kW	5.3	
			PERd	%	79	
		B Condition (2°CD-B/1°CWB)	Cdh (Degradation heating)		1.0	
			COPd		3.23	
			Pdh	kW	3.3	
			PERd	%	129	
		C Condition (7°CD-B/6°CWB)	Cdh (Degradation heating)		1.0	
			COPd		4.40	
			Pdh	kW	3.0	
			PERd	%	176	
		D Condition (12°CD-B/11°CWB)	Cdh (Degradation heating)		1.0	
			COPd		6.10	
			Pdh	kW	3.3	
			PERd	%	244	
		Tol (temperature operating limit)	COPd		1.37	
			Pdh	kW	4.0	
			PERd	%	55	
			TOL	°C	-10	
			WTOL	°C	55	
		Rated heat output supplementary capacity	Psup (at Tdesign -10°C)	kW	2.0	
		Tbiv (bivalent temperature)	COPd		1.97	
			Pdh	kW	5.3	
			PERd	%	79	
			Tbiv	°C	-7	
	Cold climate water outlet	General	Annual energy consumption	kWh	4,468	
			ηs (Seasonal space heating efficiency)	%	107	
			Prated at -22°C	kW	5.0	

2 Specifications

2 - 1 Specifications

Technical specifications					EHVH04S18E6V + ERGA04EV	EHVH04S23E6V + ERGA04EV
Space heating	Warm climate water outlet 55°C	General	Annual energy consumption	kWh	1,660	
			ηs (Seasonal space heating efficiency)	%	148	
			Prated at 2°C	kW	4.7	
	Average climate water outlet 35°C	General	Annual energy consumption	kWh	2,766	
			ηs (Seasonal space heating efficiency)	%	176	
			Prated at -10°C	kW	6.0	
			Qhe Annual energy consumption (GCV)	Gj	9.96	
			SCOP		4.48	
			Seasonal space heating eff. class		A+++	
		A Condition (-7°CD-B/-8°CWB)	COPd		2.90	
			Pdh	kW	5.5	
			PERd	%	116	
		B Condition (2°CD-B/1°CWB)	Cdh (Degradation heating)		1.0	
			COPd		4.33	
			Pdh	kW	3.3	
			PERd	%	173	
		C Condition (7°CD-B/6°CWB)	Cdh (Degradation heating)		1.0	
			COPd		6.19	
			Pdh	kW	3.2	
			PERd	%	248	
		D Condition (12°CD-B/11°CWB)	Cdh (Degradation heating)		1.0	
			COPd		7.78	
			Pdh	kW	3.3	
			PERd	%	311	
		Tol (temperature operating limit)	COPd		2.56	
			Pdh	kW	5.2	
			PERd	%	102	
			TOL	°C	-10	
			WTOL	°C	35	
		Tbiv (bivalent temperature)	COPd		2.90	
			Pdh	kW	5.5	
			PERd	%	116	
			Tbiv	°C	-7	
		Rated heat output supplementary capacity	Psup (at Tdesign -10°C)	kW	0.8	
	Cold climate water outlet	General	Annual energy consumption	kWh	3,230	
			ηs (Seasonal space heating efficiency)	%	150	
			Prated at -22°C	kW	5.0	
Space heating	Warm climate water outlet 35°C	General	Annual energy consumption	kWh	1,139	
			ηs (Seasonal space heating efficiency)	%	241	
			Prated at 2°C	kW	5.2	

(1)Condition 1: cooling Ta 35°C - LWE 18°C (DT = 5°C); heating Ta DB/WB 7°C/6°C - LWC 35°C (DT = 5°C) |
(2)Condition 2: cooling Ta 35°C - LWE 7°C (DT = 5°C); heating Ta DB/WB 7°C/6°C - LWC 45°C (DT = 5°C)

Technical specifications				EHVX04S18E3V + ERGA04EV	EHVX04S23E3V + ERGA04EV
Heating capacity	Nom.		kW	4.30 (1) / 4.60 (2)	
Cooling capacity	Nom.		kW	4.86 (1) / 4.52 (2)	
Power input	Heating	Nom.	kW	0.850 (1) / 1.26 (2)	
	Cooling	Nom.	kW	0.810 (1) / 1.36 (2)	
	Domestic hot water from 10°C to 50°C	Nom.	kWh	2.48	3.01
Heat up time from 10°C to 50°C			hr	1h28min	1h40min
COP				5.10 (1) / 3.65 (2)	
EER				5.98 (1) / 3.32 (2)	
Pump	Nominal ESP unit	Cooling	kPa	54.6 (1) / 58.8 (2)	
		Heating	kPa	59.6 (1) / 58.6 (2)	

2 Specifications

2 - 1 Specifications

Technical specifications				EHVX04S18E3V + ERGA04EV	EHVX04S23E3V + ERGA04EV
Water side Heat exchanger	Water flow rate	Cooling Nom.	l/min	15.9 (1) / 13.0 (2)	
		Heating Nom.	l/min	12.3 (1) / 13.2 (2)	
General	Supplier/ Manufacturer details	Name and address		Daikin Europe N.V. - Zandvoordestraat 300, 8400 Oostende, Belgium	
		Name or trademark		Daikin Europe N.V.	
	Product description	Air-to-water heat pump		Yes	
		Brine-to-water heat pump		No	
		Heat pump combination heater		Yes	
		Low-temperature heat pump		No	
		Supplementary heater integrated		Yes	
		Water-to-water heat pump		No	
	LW(A) Sound power level (according to EN14825)	dB(A)	dBA	42	
LW(A) Sound power level (according to EN14825)	dB(A)		dBA	58	
Sound condition Ecodesign and energy label				Sound power in heating mode, measured according to the EN12102 under conditions of the EN14825	
Space heating general	Air to water unit	Rated airflow (outdoor)	m^3/h	2,280.0	
	Other	Capacity control		Inverter	
		Pck (Crankcase heater mode)	kW	0.000	
		Poff (Off mode)	kW	0.010	
		Psb (Standby mode)	kW	0.010	
		Pto (Thermostat off)	kW	0.010	
Domestic hot water heating	General	Declared load profile		L	XL
		Function to fix water heating during off peak hours		No	
Space heating general	Integrated supplementary heater	Psup	kW	3.0	
		Type of energy input		Electrical	
Domestic hot water heating	Average climate	AEC (Annual electricity consumption)	kWh	805	1,252
		ηwh (water heating efficiency)	%	127	134
		Qelec (Daily electricity consumption)	kWh	3.780	5.810
Domestic hot water heating	Average climate	Water heating energy efficiency class		A+	
	Cold climate	AEC (Annual electricity consumption)	kWh	932	1,457
		ηwh (water heating efficiency)	%	110	116
		Qelec (Daily electricity consumption)	kWh	4.370	6.750
	Warm climate	AEC (Annual electricity consumption)	kWh	668	1,033
		ηwh (water heating efficiency)	%	153	163
		Qelec (Daily electricity consumption)	kWh	3.150	4.800

2 Specifications

2 - 1 Specifications

Technical specifications					EHVX04S18E3V + ERGA04EV	EHVX04S23E3V + ERGA04EV
Space heating	Average climate water outlet 55°C	General	Annual energy consumption	kWh	3,769	
			ηs (Seasonal space heating efficiency)	%	129	
			Prated at -10°C	kW	6.0	
			Qhe Annual energy consumption (GCV)	Gj	13.6	
			SCOP		3.29	
			Seasonal space heating eff. class		A++	
		A Condition (-7°CD-B/-8°CWB)	Cdh (Degradation heating)		1.0	
			COPd		1.97	
			Pdh	kW	5.3	
			PERd	%	79	
		B Condition (2°CD-B/1°CWB)	Cdh (Degradation heating)		1.0	
			COPd		3.23	
			Pdh	kW	3.3	
			PERd	%	129	
		C Condition (7°CD-B/6°CWB)	Cdh (Degradation heating)		1.0	
			COPd		4.40	
			Pdh	kW	3.0	
			PERd	%	176	
		D Condition (12°CD-B/11°CWB)	Cdh (Degradation heating)		1.0	
			COPd		6.10	
			Pdh	kW	3.3	
			PERd	%	244	
		Tol (temperature operating limit)	COPd		1.37	
			Pdh	kW	4.0	
			PERd	%	55	
			TOL	°C	-10	
			WTOL	°C	55	
		Rated heat output supplementary capacity	Psup (at Tdesign -10°C)	kW	2.0	
		Tbiv (bivalent temperature)	COPd		1.97	
			Pdh	kW	5.3	

2 Specifications

2 - 1 Specifications

Technical specifications					EHVX04S18E3V + ERGA04EV	EHVX04S23E3V + ERGA04EV
Space heating	Average climate water outlet 55°C	Tbiv (bivalent temperature)	PERd	%	79	
			Tbiv	°C	-7	
	Cold climate water outlet 55°C	General	Annual energy consumption	kWh	4,446	
			ηs (Seasonal space heating efficiency)	%	108	
			Prated at -22°C	kW	5.0	
	Warm climate water outlet 55°C	General	Annual energy consumption	kWh	1,616	
			ηs (Seasonal space heating efficiency)	%	152	
			Prated at 2°C	kW	4.7	
	Average climate water outlet 35°C	General	Annual energy consumption	kWh	2,729	
			ηs (Seasonal space heating efficiency)	%	179	
			Prated at -10°C	kW	6.0	
			Qhe Annual energy consumption (GCV)	Gj	9.82	
			SCOP		4.54	
			Seasonal space heating eff. class		A+++	
		A Condition (-7°CD-B/-8°CWB)	COPd		2.90	
			Pdh	kW	5.5	
			PERd	%	116	
		B Condition (2°CD-B/1°CWB)	Cdh (Degradation heating)		1.0	
			COPd		4.33	
			Pdh	kW	3.3	
			PERd	%	173	
		C Condition (7°CD-B/6°CWB)	Cdh (Degradation heating)		1.0	
			COPd		6.19	
			Pdh	kW	3.2	
			PERd	%	248	
		D Condition (12°CD-B/11°CWB)	Cdh (Degradation heating)		1.0	
			COPd		7.78	
			Pdh	kW	3.3	
			PERd	%	311	
		Tol (temperature operating limit)	COPd		2.56	
			Pdh	kW	5.2	
			PERd	%	102	
			TOL	°C	-10	
			WTOL	°C	35	
		Tbiv (bivalent temperature)	COPd		2.90	
			Pdh	kW	5.5	
			PERd	%	116	
Space heating	Average climate water outlet 35°C	Tbiv (bivalent temperature)	Tbiv	°C	-7	
		Rated heat output supplementary capacity	Psup (at Tdesign -10°C)	kW	0.8	
	Cold climate water outlet 35°C	General	Annual energy consumption	kWh	3,208	
			ηs (Seasonal space heating efficiency)	%	151	
			Prated at -22°C	kW	5.0	
	Warm climate water outlet	General	Annual energy consumption	kWh	1,095	
			ηs (Seasonal space heating efficiency)	%	251	
			Prated at 2°C	kW	5.2	

(1)Condition 1: cooling Ta 35°C - LWE 18°C (DT = 5°C); heating Ta DB/WB 7°C/6°C - LWC 35°C (DT = 5°C) |
(2)Condition 2: cooling Ta 35°C - LWE 7°C (DT = 5°C); heating Ta DB/WB 7°C/6°C - LWC 45°C (DT = 5°C)

Technical specifications			EHVX04S18E6V + ERGA04EV	EHVX04S23E6V + ERGA04EV
Heating capacity	Nom.	kW	4.30 (1) / 4.60 (2)	
Cooling capacity	Nom.	kW	4.86 (1) / 4.52 (2)	

2 Specifications

2 - 1 Specifications

Technical specifications				EHVX04S18E6V + ERGA04EV	EHVX04S23E6V + ERGA04EV
Power input	Heating	Nom.	kW	0.850 (1) / 1.26 (2)	
	Cooling	Nom.	kW	0.810 (1) / 1.36 (2)	
	Domestic hot water from 10°C to 50°C	Nom.	kWh	2.48	3.01
Heat up time from 10°C to 50°C			hr	1h28min	1h40min
COP				5.10 (1) / 3.65 (2)	
EER				5.98 (1) / 3.32 (2)	
Pump	Nominal ESP unit	Cooling	kPa	54.6 (1) / 58.8 (2)	
		Heating	kPa	59.6 (1) / 58.6 (2)	
Water side Heat exchanger	Water flow rate	Cooling Nom.	l/min	15.9 (1) / 13.0 (2)	
		Heating Nom.	l/min	12.3 (1) / 13.2 (2)	
General	Supplier/ Manufacturer details	Name and address		Daikin Europe N.V. - Zandvoordestraat 300, 8400 Oostende, Belgium	
		Name or trademark		Daikin Europe N.V.	
	Product description	Air-to-water heat pump		Yes	
		Brine-to-water heat pump		No	
		Heat pump combination heater		Yes	
		Low-temperature heat pump		No	
		Supplementary heater integrated		Yes	
		Water-to-water heat pump		No	
	LW(A) Sound power level (according to EN14825)	dB(A)	dBA	42	
LW(A) Sound power level (according to EN14825)	dB(A)		dBA	58	
Sound condition Ecodesign and energy label				Sound power in heating mode, measured according to the EN12102 under conditions of the EN14825	
Space heating general	Air to water unit	Rated airflow (outdoor)	m^3/h	2,280.0	
	Other	Capacity control		Inverter	
		Pck (Crankcase heater mode)	kW	0.000	
		Poff (Off mode)	kW	0.010	
		Psb (Standby mode)	kW	0.010	
		Pto (Thermostat off)	kW	0.010	
Domestic hot water heating	General	Declared load profile		L	XL
		Function to fix water heating during off peak hours		No	
Space heating general	Integrated supplementary heater	Psup	kW	6.0	
		Type of energy input		Electrical	
Domestic hot water heating	Average climate	AEC (Annual electricity consumption)	kWh	820	1,267
		ηwh (water heating efficiency)	%	125	133
		Qelec (Daily electricity consumption)	kWh	3.870	5.900
Domestic hot water heating	Average climate	Water heating energy efficiency class		A+	
	Cold climate	AEC (Annual electricity consumption)	kWh	951	1,475
		ηwh (water heating efficiency)	%	107	114
		Qelec (Daily electricity consumption)	kWh	4.480	6.860
	Warm climate	AEC (Annual electricity consumption)	kWh	680	1,046
		ηwh (water heating efficiency)	%	151	161
		Qelec (Daily electricity consumption)	kWh	3.220	4.880

2 Specifications

2 - 1 Specifications

Technical specifications					EHVX04S18E6V + ERGA04EV	EHVX04S23E6V + ERGA04EV
Space heating	Average climate water outlet 55°C	General	Annual energy consumption	kWh	3,769	
			ηs (Seasonal space heating efficiency)	%	129	
			Prated at -10°C	kW	6.0	
			Qhe Annual energy consumption (GCV)	Gj	13.6	
			SCOP		3.29	
			Seasonal space heating eff. class		A++	
		A Condition (-7°CD-B/-8°CWB)	Cdh (Degradation heating)		1.0	
			COPd		1.97	
			Pdh	kW	5.3	
			PERd	%	79	
		B Condition (2°CD-B/1°CWB)	Cdh (Degradation heating)		1.0	
			COPd		3.23	
			Pdh	kW	3.3	
			PERd	%	129	
		C Condition (7°CD-B/6°CWB)	Cdh (Degradation heating)		1.0	
			COPd		4.40	
			Pdh	kW	3.0	
			PERd	%	176	
		D Condition (12°CD-B/11°CWB)	Cdh (Degradation heating)		1.0	
			COPd		6.10	
			Pdh	kW	3.3	
			PERd	%	244	
		Tol (temperature operating limit)	COPd		1.37	
			Pdh	kW	4.0	
			PERd	%	55	
			TOL	°C	-10	
			WTOL	°C	55	
		Rated heat output supplementary capacity	Psup (at Tdesign -10°C)	kW	2.0	
		Tbiv (biva-	COPd		1.97	
			Pdh	kW	5.3	

2 Specifications

2 - 1 Specifications

Technical specifications					EHVX04S18E6V + ERGA04EV	EHVX04S23E6V + ERGA04EV
Space heating	Average climate water outlet 55°C	Tbiv (bivalent temperature)	PERd	%	79	
			Tbiv	°C	-7	
	Cold climate water outlet 55°C	General	Annual energy consumption	kWh	4,446	
			ηs (Seasonal space heating efficiency)	%	108	
			Prated at -22°C	kW	5.0	
	Warm climate water outlet 55°C	General	Annual energy consumption	kWh	1,616	
			ηs (Seasonal space heating efficiency)	%	152	
			Prated at 2°C	kW	4.7	
	Average climate water outlet 35°C	General	Annual energy consumption	kWh	2,729	
			ηs (Seasonal space heating efficiency)	%	179	
			Prated at -10°C	kW	6.0	
			Qhe Annual energy consumption (GCV)	Gj	9.82	
			SCOP		4.54	
			Seasonal space heating eff. class		A+++	
		A Condition (-7°CD-B/-8°CWB)	COPd		2.90	
			Pdh	kW	5.5	
			PERd	%	116	
		B Condition (2°CD-B/1°CWB)	Cdh (Degradation heating)		1.0	
			COPd		4.33	
			Pdh	kW	3.3	
			PERd	%	173	
		C Condition (7°CD-B/6°CWB)	Cdh (Degradation heating)		1.0	
			COPd		6.19	
			Pdh	kW	3.2	
			PERd	%	248	
		D Condition (12°CD-B/11°CWB)	Cdh (Degradation heating)		1.0	
			COPd		7.78	
			Pdh	kW	3.3	
			PERd	%	311	
		Tol (temperature operating limit)	COPd		2.56	
			Pdh	kW	5.2	
			PERd	%	102	
			TOL	°C	-10	
			WTOL	°C	35	
		Tbiv (bivalent temperature)	COPd		2.90	
			Pdh	kW	5.5	
			PERd	%	116	
Space heating	Average climate water outlet 35°C	Tbiv (bivalent temperature)	Tbiv	°C	-7	
		Rated heat output supplementary capacity	Psup (at Tdesign -10°C)	kW	0.8	
	Cold climate water outlet 35°C	General	Annual energy consumption	kWh	3,208	
			ηs (Seasonal space heating efficiency)	%	151	
			Prated at -22°C	kW	5.0	
	Warm climate water outlet	General	Annual energy consumption	kWh	1,095	
			ηs (Seasonal space heating efficiency)	%	251	
			Prated at 2°C	kW	5.2	

(1)Condition 1: cooling Ta 35°C - LWE 18°C (DT = 5°C); heating Ta DB/WB 7°C/6°C - LWC 35°C (DT = 5°C) |
(2)Condition 2: cooling Ta 35°C - LWE 7°C (DT = 5°C); heating Ta DB/WB 7°C/6°C - LWC 45°C (DT = 5°C)

Technical specifications			EHVX04S18E6VG + ERGA04EV	EHVX04S23E6VG + ERGA04EV
Heating capacity	Nom.	kW	4.30 (1) / 4.60 (2)	
Cooling capacity	Nom.	kW	4.86 (1) / 4.52 (2)	

2 Specifications

2 - 1 Specifications

Technical specifications				EHVX04S18E6VG + ERGA04EV	EHVX04S23E6VG + ERGA04EV
Power input	Heating	Nom.	kW	0.850 (1) / 1.26 (2)	
	Cooling	Nom.	kW	0.810 (1) / 1.36 (2)	
	Domestic hot water from 10°C to 50°C	Nom.	kWh	2.48	3.01
Heat up time from 10°C to 50°C			hr	1h28min	1h40min
COP				5.10 (1) / 3.65 (2)	
EER				5.98 (1) / 3.32 (2)	
Pump	Nominal ESP unit	Cooling	kPa	54.6 (1) / 58.8 (2)	
		Heating	kPa	59.6 (1) / 58.6 (2)	
Water side Heat exchanger	Water flow rate	Cooling Nom.	l/min	15.9 (1) / 13.0 (2)	
		Heating Nom.	l/min	12.3 (1) / 13.2 (2)	
General	Supplier/ Manufacturer details	Name and address		Daikin Europe N.V. - Zandvoordestraat 300, 8400 Oostende, Belgium	
		Name or trademark		Daikin Europe N.V.	
	Product description	Air-to-water heat pump		Yes	
		Brine-to-water heat pump		No	
		Heat pump combination heater		Yes	
		Low-temperature heat pump		No	
		Supplementary heater integrated		Yes	
		Water-to-water heat pump		No	
	LW(A) Sound power level (according to EN14825)	dB(A)	dBA	42	
LW(A) Sound power level (according to EN14825)	dB(A)		dBA	58	
Sound condition Ecodesign and energy label				Sound power in heating mode, measured according to the EN12102 under conditions of the EN14825	
Space heating general	Air to water unit	Rated airflow (outdoor)	m^3/h	2,280.0	
	Other	Capacity control		Inverter	
		Pck (Crankcase heater mode)	kW	0.000	
		Poff (Off mode)	kW	0.010	
		Psb (Standby mode)	kW	0.010	
		Pto (Thermostat off)	kW	0.010	
Domestic hot water heating	General	Declared load profile		L	XL
		Function to fix water heating during off peak hours		No	
Space heating general	Integrated supplementary heater	Psup	kW	6.0	
		Type of energy input		Electrical	
Domestic hot water heating	Average climate	AEC (Annual electricity consumption)	kWh	820	1,267
		ηwh (water heating efficiency)	%	125	133
		Qelec (Daily electricity consumption)	kWh	3.870	5.900
Domestic hot water heating	Average climate	Water heating energy efficiency class		A+	
	Cold climate	AEC (Annual electricity consumption)	kWh	951	1,475
		ηwh (water heating efficiency)	%	107	114
		Qelec (Daily electricity consumption)	kWh	4.480	6.860
	Warm climate	AEC (Annual electricity consumption)	kWh	680	1,046
		ηwh (water heating efficiency)	%	151	161
		Qelec (Daily electricity consumption)	kWh	3.220	4.880

2 Specifications

2 - 1 Specifications

Technical specifications					EHVX04S18E6VG + ERGA04EV	EHVX04S23E6VG + ERGA04EV
Space heating	Average climate water outlet 55°C	General	Annual energy consumption	kWh	3,769	
			ηs (Seasonal space heating efficiency)	%	129	
			Prated at -10°C	kW	6.0	
			Qhe Annual energy consumption (GCV)	Gj	13.6	
			SCOP		3.29	
			Seasonal space heating eff. class		A++	
		A Condition (-7°CD-B/-8°CWB)	Cdh (Degradation heating)		1.0	
			COPd		1.97	
			Pdh	kW	5.3	
			PERd	%	79	
		B Condition (2°CD-B/1°CWB)	Cdh (Degradation heating)		1.0	
			COPd		3.23	
			Pdh	kW	3.3	
			PERd	%	129	
		C Condition (7°CD-B/6°CWB)	Cdh (Degradation heating)		1.0	
			COPd		4.40	
			Pdh	kW	3.0	
			PERd	%	176	
		D Condition (12°CD-B/11°CWB)	Cdh (Degradation heating)		1.0	
			COPd		6.10	
			Pdh	kW	3.3	
			PERd	%	244	
		Tol (temperature operating limit)	COPd		1.37	
			Pdh	kW	4.0	
			PERd	%	55	
			TOL	°C	-10	
			WTOL	°C	55	
		Rated heat output supplementary capacity	Psup (at Tdesign -10°C)	kW	2.0	
		Tbiv (bivalent temperature)	COPd		1.97	
			Pdh	kW	5.3	

2 Specifications

2 - 1 Specifications

Technical specifications					EHVX04S18E6VG + ERGA04EV	EHVX04S23E6VG + ERGA04EV
Space heating	Average climate water outlet 55°C	Tbiv (bivalent temperature)	PERd	%	79	
			Tbiv	°C	-7	
	Cold climate water outlet 55°C	General	Annual energy consumption	kWh	4,446	
			ηs (Seasonal space heating efficiency)	%	108	
			Prated at -22°C	kW	5.0	
	Warm climate water outlet 55°C	General	Annual energy consumption	kWh	1,616	
			ηs (Seasonal space heating efficiency)	%	152	
			Prated at 2°C	kW	4.7	
	Average climate water outlet 35°C	General	Annual energy consumption	kWh	2,729	
			ηs (Seasonal space heating efficiency)	%	179	
			Prated at -10°C	kW	6.0	
			Qhe Annual energy consumption (GCV)	Gj	9.82	
			SCOP		4.54	
			Seasonal space heating eff. class		A+++	
		A Condition (-7°CDB/-8°CWB)	COPd		2.90	
			Pdh	kW	5.5	
			PERd	%	116	
		B Condition (2°CDB/1°CWB)	Cdh (Degradation heating)		1.0	
			COPd		4.33	
			Pdh	kW	3.3	
			PERd	%	173	
		C Condition (7°CDB/6°CWB)	Cdh (Degradation heating)		1.0	
			COPd		6.19	
			Pdh	kW	3.2	
			PERd	%	248	
		D Condition (12°CDB/11°CWB)	Cdh (Degradation heating)		1.0	
			COPd		7.78	
			Pdh	kW	3.3	
			PERd	%	311	
		Tol (temperature operating limit)	COPd		2.56	
			Pdh	kW	5.2	
			PERd	%	102	
			TOL	°C	-10	
			WTOL	°C	35	
		Tbiv (bivalent temperature)	COPd		2.90	
			Pdh	kW	5.5	
			PERd	%	116	
Space heating	Average climate water outlet 35°C	Tbiv (bivalent temperature)	Tbiv	°C	-7	
		Rated heat output supplementary capacity	Psup (at Tdesign -10°C)	kW	0.8	
	Cold climate water outlet 35°C	General	Annual energy consumption	kWh	3,208	
			ηs (Seasonal space heating efficiency)	%	151	
			Prated at -22°C	kW	5.0	
	Warm climate water outlet	General	Annual energy consumption	kWh	1,095	
			ηs (Seasonal space heating efficiency)	%	251	
			Prated at 2°C	kW	5.2	

(1)Condition 1: cooling Ta 35°C - LWE 18°C (DT = 5°C); heating Ta DB/WB 7°C/6°C - LWC 35°C (DT = 5°C) |
(2)Condition 2: cooling Ta 35°C - LWE 7°C (DT = 5°C); heating Ta DB/WB 7°C/6°C - LWC 45°C (DT = 5°C)

Technical specifications			EHVZ04S18E6V + ERGA04EV
Heating capacity	Nom.	kW	4.30 (1) / 4.60 (2)

2 Specifications

2 - 1 Specifications

Technical specifications				EHVZ04S18E6V + ERGA04EV
Power input	Heating	Nom.	kW	0.850 (1) / 1.26 (2)
	Domestic hot water from 10°C to 50°C	Nom.	kWh	2.48
Heat up time from 10°C to 50°C			hr	1h28min
COP				5.10 (1) / 3.65 (2)
Pump	Nominal ESP unit	Heating	kPa	59.6 (1) / 58.6 (2)
Water side Heat exchanger	Water flow rate	Heating Nom.	l/min	12.3 (1) / 13.2 (2)
General	Supplier/ Manufacturer details	Name and address		Daikin Europe N.V. - Zandvoordestraat 300, 8400 Oostende, Belgium
		Name or trademark		Daikin Europe N.V.
	Product description	Air-to-water heat pump		Yes
		Brine-to-water heat pump		No
		Heat pump combination heater		Yes
		Low-temperature heat pump		No
		Supplementary heater integrated		Yes
		Water-to-water heat pump		No
	LW(A) Sound power level (according to EN14825)	dB(A)	dBA	42
LW(A) Sound power level (according to EN14825)	dB(A)		dBA	58
Sound condition Ecodesign and energy label				Sound power in heating mode, measured according to the EN12102 under conditions of the EN14825
Space heating general	Air to water unit	Rated airflow (outdoor)	m^3/h	2,280.0
	Other	Capacity control		Inverter
		Pck (Crankcase heater mode)	kW	0.000
		Poff (Off mode)	kW	0.010
		Psb (Standby mode)	kW	0.010
		Pto (Thermostat off)	kW	0.010
Domestic hot water heating	General	Declared load profile		L
		Function to fix water heating during off peak hours		No
Space heating general	Integrated supplementary heater	Psup	kW	6.0
		Type of energy input		Electrical
Domestic hot water heating	Average climate	AEC (Annual electricity consumption)	kWh	820
		ηwh (water heating efficiency)	%	125
		Qelec (Daily electricity consumption)	kWh	3.870
		Water heating energy efficiency class		A+
	Cold climate	AEC (Annual electricity consumption)	kWh	951
		ηwh (water heating efficiency)	%	107
		Qelec (Daily electricity consumption)	kWh	4.480
	Warm climate	AEC (Annual electricity consumption)	kWh	680
Domestic hot water heating	Warm climate	ηwh (water heating efficiency)	%	151
		Qelec (Daily electricity consumption)	kWh	3.220

2 Specifications

2 - 1 Specifications

Technical specifications					EHVZ04S18E6V + ERGA04EV
Space heating	Average climate water outlet 55°C	General	Annual energy consumption	kWh	3,806
			ηs (Seasonal space heating efficiency)	%	127
			Prated at -10°C	kW	6.0
			Qhe Annual energy consumption (GCV)	Gj	13.7
			SCOP		3.26
			Seasonal space heating eff. class		A++
		A Condition (-7°CD-B/-8°CWB)	Cdh (Degradation heating)		1.0
			COPd		1.97
			Pdh	kW	5.3
			PERd	%	79
		B Condition (2°CD-B/1°CWB)	Cdh (Degradation heating)		1.0
			COPd		3.23
			Pdh	kW	3.3
			PERd	%	129
		C Condition (7°CD-B/6°CWB)	Cdh (Degradation heating)		1.0
			COPd		4.40
			Pdh	kW	3.0
			PERd	%	176
		D Condition (12°CD-B/11°CWB)	Cdh (Degradation heating)		1.0
			COPd		6.10
			Pdh	kW	3.3
			PERd	%	244
		Tol (temperature operating limit)	COPd		1.37
			Pdh	kW	4.0
			PERd	%	55
			TOL	°C	-10
			WTOL	°C	55
		Rated heat output supplementary capacity	Psup (at Tdesign -10°C)	kW	2.0
		Tbiv (bivalent tem-	COPd		1.97
			Pdh	kW	5.3
			PERd	%	79
			Tbiv	°C	-7
	Cold climate water outlet	General	Annual energy consumption	kWh	4,468
			ηs (Seasonal space heating efficiency)	%	107
			Prated at -22°C	kW	5.0

2 Specifications

2 - 1 Specifications

Technical specifications					EHVZ04S18E6V + ERGA04EV
Space heating	Warm climate water outlet 55°C	General	Annual energy consumption	kWh	1,660
			ηs (Seasonal space heating efficiency)	%	148
			Prated at 2°C	kW	4.7
	Average climate water outlet 35°C	General	Annual energy consumption	kWh	2,766
			ηs (Seasonal space heating efficiency)	%	176
			Prated at -10°C	kW	6.0
			Qhe Annual energy consumption (GCV)	Gj	9.96
			SCOP		4.48
			Seasonal space heating eff. class		A+++
		A Condition (-7°CDB/-8°CWB)	COPd		2.90
			Pdh	kW	5.5
			PERd	%	116
		B Condition (2°CDB/1°CWB)	Cdh (Degradation heating)		1.0
			COPd		4.33
			Pdh	kW	3.3
			PERd	%	173
		C Condition (7°CDB/6°CWB)	Cdh (Degradation heating)		1.0
			COPd		6.19
			Pdh	kW	3.2
			PERd	%	248
		D Condition (12°CDB/11°CWB)	Cdh (Degradation heating)		1.0
			COPd		7.78
			Pdh	kW	3.3
			PERd	%	311
		Tol (temperature operating limit)	COPd		2.56
			Pdh	kW	5.2
			PERd	%	102
			TOL	°C	-10
			WTOL	°C	35
		Tbiv (bivalent temperature)	COPd		2.90
			Pdh	kW	5.5
			PERd	%	116
			Tbiv	°C	-7
		Rated heat output supplementary capacity	Psup (at Tdesign -10°C)	kW	0.8
	Cold climate water outlet	General	Annual energy consumption	kWh	3,230
			ηs (Seasonal space heating efficiency)	%	150
			Prated at -22°C	kW	5.0
Space heating	Warm climate water outlet 35°C	General	Annual energy consumption	kWh	1,139
			ηs (Seasonal space heating efficiency)	%	241
			Prated at 2°C	kW	5.2

(1)Condition 1: cooling Ta 35°C - LWE 18°C (DT = 5°C); heating Ta DB/WB 7°C/6°C - LWC 35°C (DT = 5°C) |
(2)Condition 2: cooling Ta 35°C - LWE 7°C (DT = 5°C); heating Ta DB/WB 7°C/6°C - LWC 45°C (DT = 5°C)

Technical specifications					EHBH08E6V + ERGA06EVH
Heating capacity	Nom.			kW	6.00 (1) / 5.90 (2)
Power input	Heating	Nom.		kW	1.24 (1) / 1.69 (2)
COP					4.85 (1) / 3.50 (2)
Pump	Nominal ESP unit	Heating		kPa	52.4 (1) / 52.9 (2)
Water side Heat exchanger	Water flow rate	Heating	Nom.	l/min	17.2 (1) / 16.9 (2)

2 Specifications

2 - 1 Specifications

Technical specifications					EHBH08E6V + ERGA06EVH
General	Supplier/ Manufacturer details	Name and address			Daikin Europe N.V. - Zandvoordestraat 300, 8400 Oostende, Belgium
		Name or trademark			Daikin Europe N.V.
	Product description	Air-to-water heat pump			Yes
		Brine-to-water heat pump			No
		Heat pump combination heater			No
		Low-temperature heat pump			No
		Supplementary heater integrated			Yes
		Water-to-water heat pump			No
	LW(A) Sound power level (according to EN14825)	dB(A)		dBA	42
LW(A) Sound power level (according to EN14825)	dB(A)			dBA	60
Sound condition Ecodesign and energy label					Sound power in heating mode, measured according to the EN12102 under conditions of the EN14825
Space heating general	Air to water unit	Rated airflow (outdoor)		m^3/h	2,520.0
	Other	Capacity control			Inverter
		Pck (Crankcase heater mode)		kW	0.000
		Poff (Off mode)		kW	0.010
		Psb (Standby mode)		kW	0.010
		Pto (Thermostat off)		kW	0.010
	Integrated supplementary heater	Psup		kW	6.0
		Type of energy input			Electrical
Space heating	Average climate water outlet 55°C	General	Annual energy consumption	kWh	4,441
			ηs (Seasonal space heating efficiency)	%	127
			Prated at -10°C	kW	7.0
			Qhe Annual energy consumption (GCV)	Gj	16.0
			SCOP		3.26
			Seasonal space heating eff. class		A++
		A Condition (-7°CD-B/-8°CWB)	Cdh (Degradation heating)		1.0
			COPd		1.98
			Pdh	kW	5.9
			PERd	%	79
		B Condition (2°CD-B/1°CWB)	Cdh (Degradation heating)		1.0
			COPd		3.16

2 Specifications

2 - 1 Specifications

Technical specifications					EHBH08E6V + ERGA06EVH
Space heating	Average climate water outlet 55°C	B Condition (2°CD-B/1°CWB)	Pdh	kW	3.9
			PERd	%	126
		C Condition (7°CD-B/6°CWB)	Cdh (Degradation heating)		1.0
			COPd		4.49
			Pdh	kW	3.0
			PERd	%	180
		D Condition (12°CD-B/11°CWB)	Cdh (Degradation heating)		1.0
			COPd		6.10
			Pdh	kW	3.3
			PERd	%	244
		Tol (temperature operating limit)	COPd		1.53
			Pdh	kW	5.4
			PERd	%	61
			TOL	°C	-10
			WTOL	°C	55
		Rated heat output supplementary capacity	Psup (at Tdesign -10°C)	kW	1.6
		Tbiv (bivalent temperature)	COPd		2.12
			Pdh	kW	6.1
			PERd	%	85
			Tbiv	°C	-6
	Cold climate water outlet 55°C	General	Annual energy consumption	kWh	5,300
			ηs (Seasonal space heating efficiency)	%	109
			Prated at -22°C	kW	6.0
	Warm climate water outlet 55°C	General	Annual energy consumption	kWh	1,858
			ηs (Seasonal space heating efficiency)	%	158
			Prated at 2°C	kW	5.6
	Average climate water outlet 35°C	General	Annual energy consumption	kWh	3,233
			ηs (Seasonal space heating efficiency)	%	176
			Prated at -10°C	kW	7.0
			Qhe Annual energy consumption (GCV)	Gj	11.6
			SCOP		4.47
			Seasonal space heating eff. class		A+++
		A Condition (-7°CD-B/-8°CWB)	COPd		2.86
			Pdh	kW	6.0
			PERd	%	114
		B Condition (2°CD-B/1°CWB)	Cdh (Degradation heating)		1.0
			COPd		4.25

2 Specifications

2 - 1 Specifications

Technical specifications					EHBH08E6V + ERGA06EVH
Space heating	Average climate water outlet 35°C	B Condition (2°CD-B/1°CWB)	Pdh	kW	3.9
			PERd	%	170
		C Condition (7°CD-B/6°CWB)	Cdh (Degradation heating)		1.0
			COPd		6.30
			Pdh	kW	3.2
			PERd	%	252
		D Condition (12°CD-B/11°CWB)	Cdh (Degradation heating)		1.0
			COPd		7.78
			Pdh	kW	3.3
			PERd	%	311
		Tol (temperature operating limit)	COPd		2.49
			Pdh	kW	6.0
			PERd	%	100
			TOL	°C	-10
			WTOL	°C	35
		Tbiv (bivalent temperature)	COPd		3.07
			Pdh	kW	6.1
			PERd	%	123
			Tbiv	°C	-6
		Rated heat output supplementary capacity	Psup (at Tdesign -10°C)	kW	1.0
	Cold climate water outlet 35°C	General	Annual energy consumption	kWh	3,749
			ηs (Seasonal space heating efficiency)	%	155
			Prated at -22°C	kW	6.0
	Warm climate water outlet	General	Annual energy consumption	kWh	1,276
			ηs (Seasonal space heating efficiency)	%	248
			Prated at 2°C	kW	6.0

(1)Condition 1: cooling Ta 35°C - LWE 18°C (DT = 5°C); heating Ta DB/WB 7°C/6°C - LWC 35°C (DT = 5°C) |
(2)Condition 2: cooling Ta 35°C - LWE 7°C (DT = 5°C); heating Ta DB/WB 7°C/6°C - LWC 45°C (DT = 5°C)

Technical specifications					EHBH08E9W + ERGA06EVH
Heating capacity	Nom.			kW	6.00 (1) / 5.90 (2)
Power input	Heating	Nom.		kW	1.24 (1) / 1.69 (2)
COP					4.85 (1) / 3.50 (2)
Pump	Nominal ESP unit	Heating		kPa	52.4 (1) / 52.9 (2)
Water side Heat exchanger	Water flow rate	Heating	Nom.	l/min	17.2 (1) / 16.9 (2)
General	Supplier/ Manufacturer details	Name and address			Daikin Europe N.V. - Zandvoordestraat 300, 8400 Oostende, Belgium
		Name or trademark			Daikin Europe N.V.
	Product description	Air-to-water heat pump			Yes
		Brine-to-water heat pump			No
		Heat pump combination heater			No
		Low-temperature heat pump			No
		Supplementary heater integrated			Yes
		Water-to-water heat pump			No
	LW(A) Sound power level (according to EN14825)	dB(A)		dBA	42
LW(A) Sound power level (according to EN14825)	dB(A)			dBA	60
Sound condition Ecodesign and energy label					Sound power in heating mode, measured according to the EN12102 under conditions of the EN14825

2 Specifications

2 - 1 Specifications

Technical specifications					EHBH08E9W + ERGA06EVH
Space heating general	Air to water unit	Rated airflow (outdoor)		m^3/h	2,520.0
	Other	Capacity control			Inverter
		Pck (Crankcase heater mode)		kW	0.000
		Poff (Off mode)		kW	0.010
		Psb (Standby mode)		kW	0.010
		Pto (Thermostat off)		kW	0.010
	Integrated supplementary heater	Psup		kW	9.0
		Type of energy input			Electrical
Space heating	Average climate water outlet 55°C	General	Annual energy consumption	kWh	4,441
			ηs (Seasonal space heating efficiency)	%	127
			Prated at -10°C	kW	7.0
			Qhe Annual energy consumption (GCV)	Gj	16.0
			SCOP		3.26
			Seasonal space heating eff. class		A++
		A Condition (-7°CD-B/-8°CWB)	Cdh (Degradation heating)		1.0
			COPd		1.98
			Pdh	kW	5.9
			PERd	%	79
		B Condition (2°CD-B/1°CWB)	Cdh (Degradation heating)		1.0
			COPd		3.16

2 Specifications

2 - 1 Specifications

Technical specifications					EHBH08E9W + ERGA06EVH
Space heating	Average climate water outlet 55°C	B Condition (2°CD-B/1°CWB)	Pdh	kW	3.9
			PERd	%	126
		C Condition (7°CD-B/6°CWB)	Cdh (Degradation heating)		1.0
			COPd		4.49
			Pdh	kW	3.0
			PERd	%	180
		D Condition (12°CD-B/11°CWB)	Cdh (Degradation heating)		1.0
			COPd		6.10
			Pdh	kW	3.3
			PERd	%	244
		Tol (temperature operating limit)	COPd		1.53
			Pdh	kW	5.4
			PERd	%	61
			TOL	°C	-10
			WTOL	°C	55
		Rated heat output supplementary capacity	Psup (at Tdesign -10°C)	kW	1.6
		Tbiv (bivalent temperature)	COPd		2.12
			Pdh	kW	6.1
			PERd	%	85
			Tbiv	°C	-6
	Cold climate water outlet 55°C	General	Annual energy consumption	kWh	5,300
			ηs (Seasonal space heating efficiency)	%	109
			Prated at -22°C	kW	6.0
	Warm climate water outlet 55°C	General	Annual energy consumption	kWh	1,858
			ηs (Seasonal space heating efficiency)	%	158
			Prated at 2°C	kW	5.6
	Average climate water outlet 35°C	General	Annual energy consumption	kWh	3,233
			ηs (Seasonal space heating efficiency)	%	176
			Prated at -10°C	kW	7.0
			Qhe Annual energy consumption (GCV)	Gj	11.6
			SCOP		4.47
			Seasonal space heating eff. class		A+++
		A Condition (-7°CD-B/-8°CWB)	COPd		2.86
			Pdh	kW	6.0
			PERd	%	114
		B Condition (2°CD-	Cdh (Degradation heating)		1.0
			COPd		4.25

2 Specifications

2 - 1 Specifications

Technical specifications					EHBH08E9W + ERGA06EVH
Space heating	Average climate water outlet 35°C	B Condition (2°CD-B/1°CWB)	Pdh	kW	3.9
			PERd	%	170
		C Condition (7°CD-B/6°CWB)	Cdh (Degradation heating)		1.0
			COPd		6.30
			Pdh	kW	3.2
			PERd	%	252
		D Condition (12°CD-B/11°CWB)	Cdh (Degradation heating)		1.0
			COPd		7.78
			Pdh	kW	3.3
			PERd	%	311
		Tol (temperature operating limit)	COPd		2.49
			Pdh	kW	6.0
			PERd	%	100
			TOL	°C	-10
			WTOL	°C	35
		Tbiv (bivalent temperature)	COPd		3.07
			Pdh	kW	6.1
			PERd	%	123
			Tbiv	°C	-6
		Rated heat output supplementary capacity	Psup (at Tdesign -10°C)	kW	1.0
	Cold climate water outlet 35°C	General	Annual energy consumption	kWh	3,749
			ηs (Seasonal space heating efficiency)	%	155
			Prated at -22°C	kW	6.0
	Warm climate water outlet	General	Annual energy consumption	kWh	1,276
			ηs (Seasonal space heating efficiency)	%	248
			Prated at 2°C	kW	6.0

(1)Condition 1: cooling Ta 35°C - LWE 18°C (DT = 5°C); heating Ta DB/WB 7°C/6°C - LWC 35°C (DT = 5°C) |
(2)Condition 2: cooling Ta 35°C - LWE 7°C (DT = 5°C); heating Ta DB/WB 7°C/6°C - LWC 45°C (DT = 5°C)

Technical specifications				EHBX08E6V + ERGA06EVH
Heating capacity	Nom.		kW	6.00 (1) / 5.90 (2)
Cooling capacity	Nom.		kW	5.96 (1) / 5.09 (2)
Power input	Heating	Nom.	kW	1.24 (1) / 1.69 (2)
	Cooling	Nom.	kW	1.06 (1) / 1.55 (2)
COP				4.85 (1) / 3.50 (2)
EER				5.61 (1) / 3.28 (2)
Pump	Nominal ESP unit	Cooling	kPa	52.6 (1) / 56.7 (2)
		Heating	kPa	52.4 (1) / 52.9 (2)
Water side Heat exchanger	Water flow rate	Cooling Nom.	l/min	17.1 (1) / 14.6 (2)
		Heating Nom.	l/min	17.2 (1) / 16.9 (2)
General	Supplier/ Manufacturer details	Name and address		Daikin Europe N.V. - Zandvoordestraat 300, 8400 Oostende, Belgium
		Name or trademark		Daikin Europe N.V.
	Product description	Air-to-water heat pump		Yes
		Brine-to-water heat pump		No
		Heat pump combination heater		No
		Low-temperature heat pump		No
		Supplementary heater integrated		Yes
		Water-to-water heat pump		No
	LW(A) Sound power level (according to EN14825)	dB(A)	dBA	42
LW(A) Sound power level (according to EN14825)	dB(A)		dBA	60
Sound condition Ecodesign and energy label				Sound power in heating mode, measured according to the EN12102 under conditions of the EN14825

2 Specifications

2 - 1 Specifications

Technical specifications					EHBX08E6V + ERGA06EVH
Space heating general	Air to water unit	Rated airflow (outdoor)		m^3/h	2,520.0
	Other	Capacity control			Inverter
		Pck (Crankcase heater mode)		kW	0.000
		Poff (Off mode)		kW	0.010
		Psb (Standby mode)		kW	0.010
		Pto (Thermostat off)		kW	0.010
	Integrated supplementary heater	Psup		kW	6.0
		Type of energy input			Electrical
Space heating	Average climate water outlet 55°C	General	Annual energy consumption	kWh	4,405
			ηs (Seasonal space heating efficiency)	%	128
			Prated at -10°C	kW	7.0
			Qhe Annual energy consumption (GCV)	Gj	15.9
			SCOP		3.28
			Seasonal space heating eff. class		A++
		A Condition (-7°CD-B/-8°CWB)	Cdh (Degradation heating)		1.0
Space heating	Average climate water outlet 55°C	A Condition (-7°CD-B/-8°CWB)	COPd		1.98
			Pdh	kW	5.9
			PERd	%	79
		B Condition (2°CD-B/1°CWB)	Cdh (Degradation heating)		1.0
			COPd		3.16
			Pdh	kW	3.9
			PERd	%	126
		C Condition (7°CD-B/6°CWB)	Cdh (Degradation heating)		1.0
			COPd		4.49
			Pdh	kW	3.0
			PERd	%	180
		D Condition (12°CD-B/11°CWB)	Cdh (Degradation heating)		1.0
			COPd		6.10
			Pdh	kW	3.3
			PERd	%	244
		Tol (temperature operating limit)	COPd		1.53
			Pdh	kW	5.4
			PERd	%	61
			TOL	°C	-10
			WTOL	°C	55
		Rated heat output supplementary capacity	Psup (at Tdesign -10°C)	kW	1.6
		Tbiv (bivalent tem-	COPd		2.12
			Pdh	kW	6.1
			PERd	%	85
			Tbiv	°C	-6
	Cold climate water outlet 55°C	General	Annual energy consumption	kWh	5,278
			ηs (Seasonal space heating efficiency)	%	109
			Prated at -22°C	kW	6.0
	Warm climate water outlet 55°C	General	Annual energy consumption	kWh	1,813
			ηs (Seasonal space heating efficiency)	%	162
			Prated at 2°C	kW	5.6
	Average climate water outlet 35°C	General	Annual energy consumption	kWh	3,196
			ηs (Seasonal space heating efficiency)	%	178
			Prated at -10°C	kW	7.0
			Qhe Annual energy consumption (GCV)	Gj	11.5
			SCOP		4.52
			Seasonal space heating eff. class		A+++

2 Specifications

2 - 1 Specifications

Technical specifications					EHBX08E6V + ERGA06EVH
Space heating	Average climate water outlet 35°C	A Condition (-7°CD-B/-8°CWB)	COPd		2.86
			Pdh	kW	6.0
			PERd	%	114
		B Condition (2°CD-B/1°CWB)	Cdh (Degradation heating)		1.0
			COPd		4.25
			Pdh	kW	3.9
			PERd	%	170
		C Condition (7°CD-B/6°CWB)	Cdh (Degradation heating)		1.0
			COPd		6.30
			Pdh	kW	3.2
			PERd	%	252
		D Condition (12°CD-B/11°CWB)	Cdh (Degradation heating)		1.0
			COPd		7.78
			Pdh	kW	3.3
			PERd	%	311
		Tol (temperature operating limit)	COPd		2.49
			Pdh	kW	6.0
			PERd	%	100
			TOL	°C	-10
			WTOL	°C	35
		Tbiv (bivalent temperature)	COPd		3.07
			Pdh	kW	6.1
			PERd	%	123
			Tbiv	°C	-6
		Rated heat output supplementary capacity	Psup (at Tdesign -10°C)	kW	1.0
	Cold climate water outlet 35°C	General	Annual energy consumption	kWh	3,727
			ηs (Seasonal space heating efficiency)	%	156
			Prated at -22°C	kW	6.0
	Warm climate water outlet	General	Annual energy consumption	kWh	1,232
			ηs (Seasonal space heating efficiency)	%	257
			Prated at 2°C	kW	6.0

(1)Condition 1: cooling Ta 35°C - LWE 18°C (DT = 5°C); heating Ta DB/WB 7°C/6°C - LWC 35°C (DT = 5°C) |
(2)Condition 2: cooling Ta 35°C - LWE 7°C (DT = 5°C); heating Ta DB/WB 7°C/6°C - LWC 45°C (DT = 5°C)

Technical specifications				EHBX08E9W + ERGA06EVH
Heating capacity	Nom.		kW	6.00 (1) / 5.90 (2)
Cooling capacity	Nom.		kW	5.96 (1) / 5.09 (2)
Power input	Heating	Nom.	kW	1.24 (1) / 1.69 (2)
	Cooling	Nom.	kW	1.06 (1) / 1.55 (2)
COP				4.85 (1) / 3.50 (2)
EER				5.61 (1) / 3.28 (2)
Pump	Nominal ESP unit	Cooling	kPa	52.6 (1) / 56.7 (2)
		Heating	kPa	52.4 (1) / 52.9 (2)
Water side Heat exchanger	Water flow rate	Cooling Nom.	l/min	17.1 (1) / 14.6 (2)
		Heating Nom.	l/min	17.2 (1) / 16.9 (2)
General	Supplier/ Manufacturer details	Name and address		Daikin Europe N.V. - Zandvoordestraat 300, 8400 Oostende, Belgium
		Name or trademark		Daikin Europe N.V.
	Product description	Air-to-water heat pump		Yes
		Brine-to-water heat pump		No
		Heat pump combination heater		No
		Low-temperature heat pump		No
		Supplementary heater integrated		Yes
		Water-to-water heat pump		No
	LW(A) Sound power level (according to EN14825)	dB(A)	dBA	42
LW(A) Sound power level (according to EN14825)	dB(A)		dBA	60

2 Specifications

2 - 1 Specifications

Technical specifications					EHBX08E9W + ERGA06EVH
Sound condition Ecodesign and energy label					Sound power in heating mode, measured according to the EN12102 under conditions of the EN14825
Space heating general	Air to water unit	Rated airflow (outdoor)		m^3/h	2,520.0
	Other	Capacity control			Inverter
		Pck (Crankcase heater mode)		kW	0.000
		Poff (Off mode)		kW	0.010
		Psb (Standby mode)		kW	0.010
		Pto (Thermostat off)		kW	0.010
	Integrated supplementary heater	Psup		kW	9.0
		Type of energy input			Electrical
Space heating	Average climate water outlet 55°C	General	Annual energy consumption	kWh	4,405
			ηs (Seasonal space heating efficiency)	%	128
			Prated at -10°C	kW	7.0
			Qhe Annual energy consumption (GCV)	Gj	15.9
			SCOP		3.28
			Seasonal space heating eff. class		A++
		A Condition (-7°CD-B/-8°CWB)	Cdh (Degradation heating)		1.0

2 Specifications

2 - 1 Specifications

Technical specifications					EHBX08E9W + ERGA06EVH
Space heating	Average climate water outlet 55°C	A Condition (-7°CD-B/-8°CWB)	COPd		1.98
			Pdh	kW	5.9
			PERd	%	79
			Cdh (Degradation heating)		1.0
		B Condition (2°CD-B/1°CWB)	COPd		3.16
			Pdh	kW	3.9
			PERd	%	126
		C Condition (7°CD-B/6°CWB)	Cdh (Degradation heating)		1.0
			COPd		4.49
			Pdh	kW	3.0
			PERd	%	180
		D Condition (12°CD-B/11°CWB)	Cdh (Degradation heating)		1.0
			COPd		6.10
			Pdh	kW	3.3
			PERd	%	244
		Tol (temperature operating limit)	COPd		1.53
			Pdh	kW	5.4
			PERd	%	61
			TOL	°C	-10
			WTOL	°C	55
		Rated heat output supplementary capacity	Psup (at Tdesign -10°C)	kW	1.6
		Tbiv (bivalent temperature)	COPd		2.12
			Pdh	kW	6.1
			PERd	%	85
			Tbiv	°C	-6
	Cold climate water outlet 55°C	General	Annual energy consumption	kWh	5,278
			ηs (Seasonal space heating efficiency)	%	109
			Prated at -22°C	kW	6.0
	Warm climate water outlet 55°C	General	Annual energy consumption	kWh	1,813
			ηs (Seasonal space heating efficiency)	%	162
			Prated at 2°C	kW	5.6
	Average climate water outlet 35°C	General	Annual energy consumption	kWh	3,196
			ηs (Seasonal space heating efficiency)	%	178
			Prated at -10°C	kW	7.0
			Qhe Annual energy consumption (GCV)	Gj	11.5
			SCOP		4.52
			Seasonal space heating eff. class		A+++

2 Specifications

2 - 1 Specifications

Technical specifications					EHBX08E9W + ERGA06EVH
Space heating	Average climate water outlet 35°C	A Condition (-7°CD-B/-8°CWB)	COPd		2.86
			Pdh	kW	6.0
			PERd	%	114
		B Condition (2°CD-B/1°CWB)	Cdh (Degradation heating)		1.0
			COPd		4.25
			Pdh	kW	3.9
			PERd	%	170
		C Condition (7°CD-B/6°CWB)	Cdh (Degradation heating)		1.0
			COPd		6.30
			Pdh	kW	3.2
			PERd	%	252
		D Condition (12°CD-B/11°CWB)	Cdh (Degradation heating)		1.0
			COPd		7.78
			Pdh	kW	3.3
			PERd	%	311
		Tol (temperature operating limit)	COPd		2.49
			Pdh	kW	6.0
			PERd	%	100
			TOL	°C	-10
			WTOL	°C	35
		Tbiv (bivalent temperature)	COPd		3.07
			Pdh	kW	6.1
			PERd	%	123
			Tbiv	°C	-6
		Rated heat output supplementary capacity	Psup (at Tdesign -10°C)	kW	1.0
	Cold climate water outlet 35°C	General	Annual energy consumption	kWh	3,727
			ηs (Seasonal space heating efficiency)	%	156
			Prated at -22°C	kW	6.0
	Warm climate water outlet	General	Annual energy consumption	kWh	1,232
			ηs (Seasonal space heating efficiency)	%	257
			Prated at 2°C	kW	6.0

(1)Condition 1: cooling Ta 35°C - LWE 18°C (DT = 5°C); heating Ta DB/WB 7°C/6°C - LWC 35°C (DT = 5°C) |
(2)Condition 2: cooling Ta 35°C - LWE 7°C (DT = 5°C); heating Ta DB/WB 7°C/6°C - LWC 45°C (DT = 5°C)

Technical specifications					EHSH08P30E + ERGA06EVH	EHSH08P50E + ERGA06EVH
Indoor unit					EHSH08P30EG	EHSH08P50EG
Outdoor unit					ERGA06EAV3H	
Heating capacity	Nom.			kW	6.00 (1) / 5.90 (2)	
Power input	Heating	Nom.		kW	1.24 (1) / 1.69 (2)	
COP					4.85 (1) / 3.50 (2)	
Pump	Type				Grundfos UPM4 K 20-75 CHBL FS2	
Water side Heat exchanger	Water flow rate	Heating	Nom.	l/min	17.2 (1) / 16.9 (2)	
General	Supplier/ Manufacturer details	Name and address			Daikin Europe N.V. - Zandvoordestraat 300, 8400 Oostende, Belgium	
		Name or trademark			Daikin Europe N.V.	
	Product description	Air-to-water heat pump			Yes	
		Brine-to-water heat pump			No	
		Heat pump combination heater			Yes	
		Low-temperature heat pump			No	
		Supplementary heater integrated			No	
		Water-to-water heat pump			No	
	LW(A) Sound power level (according to EN14825)	dB(A)		dBA	39	
LW(A) Sound power level (according to EN14825)	dB(A)			dBA	60	
Sound condition Ecodesign and energy label					Sound power in heating mode, measured according to the EN12102 under conditions of the EN14825	

2 Specifications

2 - 1 Specifications

Technical specifications					EHSH08P30E + ERGA06EVH	EHSH08P50E + ERGA06EVH
Space heating general	Air to water unit	Rated airflow (outdoor)		m^3/h	2,520	
	Other	Capacity control			Inverter	
		Pck (Crankcase heater mode)		kW	0.000	
		Poff (Off mode)		kW	0.010	
		Psb (Standby mode)		kW	0.010	
		Pto (Thermostat off)		kW	0.010	
Domestic hot water heating	General	Declared load profile			L	XL
		Function to fix water heating during off peak hours			No	
Space heating general	Integrated supplementary heater	Type of energy input			Electrical	
Domestic hot water heating	Average climate	AEC (Annual electricity consumption)		kWh	867	1,336
		COPdhw			2.80	3.06
		Heat up time			1h 34min	2h 41min
		Mixed water at 40°C		l	140.4	227.9
		ηwh (water heating efficiency)		%	118	125
		Qelec (Daily electricity consumption)		kWh	4.172	6.224
		Reference hot water temperature		°C	44.6	
		Stand-by power input		W	40.4	25.3
		Water heating energy efficiency class			A+	
Domestic hot water heating	Cold climate	AEC (Annual electricity consumption)		kWh	1,006	1,493
		COPdhw			2.41	2.75
		Mixed water at 40°C		l	140.0	227.9
		ηwh (water heating efficiency)		%	102	112
		Qelec (Daily electricity consumption)		kWh	4.835	6.944
		Reference hot water temperature		°C	44.4	44.6
		Stand-by power input		W	46.0	26.7
	Warm climate	AEC (Annual electricity consumption)		kWh	716	1,186
		COPdhw			3.38	3.45
		Mixed water at 40°C		l	138.1	227.9
		ηwh (water heating efficiency)		%	143	141
		Qelec (Daily electricity consumption)		kWh	3.447	5.531
		Reference hot water temperature		°C	44.4	44.6
		Stand-by power input		W	33.9	23.7
Space heating	Average climate water outlet 55°C	General	Annual energy consumption	kWh	4,441	
			ηs (Seasonal space heating efficiency)	%	127	
			Prated at -10°C	kW	7.0	
			Qhe Annual energy consumption (GCV)	Gj	16	
			SCOP		3.26	
			Seasonal space heating eff. class		A++	
		A Condition (-7°CD-B/-8°CWB)	Cdh (Degradation heating)		1.0	
			COPd		1.98	
			Pdh	kW	5.9	
			PERd	%	79.2	
		B Condition (2°CD-B/1°CWB)	Cdh (Degradation heating)		1.0	
			COPd		3.16	
			Pdh	kW	3.9	
			PERd	%	126.4	
		C Condition (7°CD-B/6°CWB)	Cdh (Degradation heating)		1.0	
			COPd		4.49	
			Pdh	kW	3.0	
			PERd	%	179.6	
		D Condition (12°CD-B/11°CWB)	Cdh (Degradation heating)		1.0	
			COPd		6.10	
			Pdh	kW	3.3	
			PERd	%	244.0	
		Tol (temperature operating limit)	COPd		1.53	

2 Specifications

2 - 1 Specifications

Technical specifications					EHSH08P30E + ERGA06EVH	EHSH08P50E + ERGA06EVH
Space heating	Average climate water outlet 55°C	Tol (temperature operating limit)	Pdh	kW	5.4	
			PERd	%	61.2	
			TOL	°C	-10	
			WTOL	°C	55	
		Rated heat output supplementary capacity	Psup (at Tdesign -10°C)	kW	1.6	
		Tbiv (bivalent tem-	COPd		2.12	
			Pdh	kW	6.1	
			PERd	%	84.8	
			Tbiv	°C	-6	
	Cold climate water outlet 55°C	General	Annual energy consumption	kWh	5,300	
			ηs (Seasonal space heating efficiency)	%	109	
			Prated at -22°C	kW	6.0	
			Qhe Annual energy consumption (GCV)	Gj	19	
	Warm climate water outlet 55°C	General	Annual energy consumption	kWh	1,858	
			ηs (Seasonal space heating efficiency)	%	158	
			Prated at 2°C	kW	5.6	
			Qhe Annual energy consumption (GCV)	Gj	7	
	Average climate water outlet 35°C	General	Annual energy consumption	kWh	3,233	
			ηs (Seasonal space heating efficiency)	%	176	
			Prated at -10°C	kW	7.0	
			Qhe Annual energy consumption (GCV)	Gj	12	
			SCOP		4.47	
			Seasonal space heating eff. class		A+++	
		A Condition (-7°CD-B/-8°CWB)	COPd		2.86	
			Pdh	kW	6.0	
			PERd	%	114.4	
		B Condition (2°CD-B/1°CWB)	Cdh (Degradation heating)		1.0	
			COPd		4.25	
			Pdh	kW	3.9	
			PERd	%	170.0	
		C Condition (7°CD-B/6°CWB)	Cdh (Degradation heating)		1.0	
			COPd		6.30	
			Pdh	kW	3.2	
			PERd	%	252.0	
		D Condition (12°CD-B/11°CWB)	Cdh (Degradation heating)		1.0	
			COPd		7.78	
			Pdh	kW	3.3	

2 Specifications

2 - 1 Specifications

Technical specifications					EHSH08P30E + ERGA06EVH	EHSH08P50E + ERGA06EVH
Space heating	Average climate water outlet 35°C	D Condition (12°CD-B/11°CWB)	PERd	%	311.2	
		Tol (temperature operating limit)	COPd		2.49	
			Pdh	kW	6.0	
			PERd	%	99.6	
			TOL	°C	-10	
			WTOL	°C	35	
		Tbiv (bivalent temperature)	COPd		3.07	
			Pdh	kW	6.1	
			PERd	%	122.8	
			Tbiv	°C	-6	
		Rated heat output supplementary capacity	Psup (at Tdesign -10°C)	kW	1.0	
	Cold climate water outlet 35°C	General	Annual energy consumption	kWh	3,749	
			ηs (Seasonal space heating efficiency)	%	155	
			Prated at -22°C	kW	6.0	
			Qhe Annual energy consumption (GCV)	Gj	13	
	Warm climate water outlet 35°C	General	Annual energy consumption	kWh	1,276	
			ηs (Seasonal space heating efficiency)	%	248	
			Prated at 2°C	kW	6.0	
			Qhe Annual energy consumption (GCV)	Gj	5	

(1)Condition 1: cooling Ta 35°C - LWE 18°C (DT = 5°C); heating Ta DB/WB 7°C/6°C - LWC 35°C (DT = 5°C) |
(2)Condition 2: cooling Ta 35°C - LWE 7°C (DT = 5°C); heating Ta DB/WB 7°C/6°C - LWC 45°C (DT = 5°C)

Technical specifications					EHSHB08P30E + ERGA06EVH	EHSHB08P50E + ERGA06EVH
Indoor unit					EHSHB08P30EG	EHSHB08P50EG
Outdoor unit					ERGA06EAV3H	
Heating capacity	Nom.			kW	6.00 (1) / 5.90 (2)	
Power input	Heating	Nom.		kW	1.24 (1) / 1.69 (2)	
COP					4.85 (1) / 3.50 (2)	
Pump	Type				Grundfos UPM4 K 20-75 CHBL FS2	
Water side Heat exchanger	Water flow rate	Heating	Nom.	l/min	17.2 (1) / 16.9 (2)	
General	Supplier/ Manufacturer details	Name and address			Daikin Europe N.V. - Zandvoordestraat 300, 8400 Oostende, Belgium	
		Name or trademark			Daikin Europe N.V.	
	Product description	Air-to-water heat pump			Yes	
		Brine-to-water heat pump			No	
		Heat pump combination heater			Yes	
		Low-temperature heat pump			No	
		Supplementary heater integrated			No	
		Water-to-water heat pump			No	
	LW(A) Sound power level (according to EN14825)	dB(A)		dBA	39	
LW(A) Sound power level (according to EN14825)	dB(A)			dBA	60	
Sound condition Ecodesign and energy label					Sound power in heating mode, measured according to the EN12102 under conditions of the EN14825	
Space heating general	Air to water unit	Rated airflow (outdoor)		m^3/h	2,520	
	Other	Capacity control			Inverter	
		Pck (Crankcase heater mode)		kW	0.000	
		Poff (Off mode)		kW	0.010	
		Psb (Standby mode)		kW	0.010	
		Pto (Thermostat off)		kW	0.010	

2 Specifications

2 - 1 Specifications

Technical specifications					EHSHB08P30E + ERGA06EVH	EHSHB08P50E + ERGA06EVH
Domestic hot water heating	General	Declared load profile			L	XL
		Function to fix water heating during off peak hours			No	
Space heating general	Integrated supplementary heater	Type of energy input			Electrical	
Domestic hot water heating	Average climate	AEC (Annual electricity consumption)		kWh	867	1,336
		COPdhw			2.80	3.06
		Heat up time			1h 34min	2h 41min
		Mixed water at 40°C		l	140.4	227.9
		ηwh (water heating efficiency)		%	118	125
		Qelec (Daily electricity consumption)		kWh	4.172	6.224
		Reference hot water temperature		°C	44.6	
		Stand-by power input		W	40.4	25.3
		Water heating energy efficiency class			A+	
Domestic hot water heating	Cold climate	AEC (Annual electricity consumption)		kWh	1,006	1,493
		COPdhw			2.41	2.75
		Mixed water at 40°C		l	140.0	227.9
		ηwh (water heating efficiency)		%	102	112
		Qelec (Daily electricity consumption)		kWh	4.835	6.944
		Reference hot water temperature		°C	44.4	44.6
		Stand-by power input		W	46.0	26.7
	Warm climate	AEC (Annual electricity consumption)		kWh	716	1,186
		COPdhw			3.38	3.45
		Mixed water at 40°C		l	138.1	227.9
		ηwh (water heating efficiency)		%	143	141
		Qelec (Daily electricity consumption)		kWh	3.447	5.531
		Reference hot water temperature		°C	44.4	44.6
		Stand-by power input		W	33.9	23.7
Space heating	Average climate water outlet 55°C	General	Annual energy consumption	kWh	4,441	
			ηs (Seasonal space heating efficiency)	%	127	
			Prated at -10°C	kW	7.0	
			Qhe Annual energy consumption (GCV)	Gj	16	
			SCOP		3.26	
			Seasonal space heating eff. class		A++	
		A Condition (-7°CD-B/-8°CWB)	Cdh (Degradation heating)		1.0	
			COPd		1.98	
			Pdh	kW	5.9	
			PERd	%	79.2	
		B Condition (2°CD-B/1°CWB)	Cdh (Degradation heating)		1.0	
			COPd		3.16	
			Pdh	kW	3.9	
			PERd	%	126.4	
		C Condition (7°CD-B/6°CWB)	Cdh (Degradation heating)		1.0	
			COPd		4.49	
			Pdh	kW	3.0	
			PERd	%	179.6	
		D Condition (12°CD-B/11°CWB)	Cdh (Degradation heating)		1.0	
			COPd		6.10	
			Pdh	kW	3.3	
			PERd	%	244.0	
		Tol (temperature operating limit)	COPd		1.53	

2 Specifications

2 - 1 Specifications

Technical specifications					EHSHB08P30E + ERGA06EVH	EHSHB08P50E + ERGA06EVH
Space heating	Average climate water outlet 55°C	Tol (temperature operating limit)	Pdh	kW	5.4	
			PERd	%	61.2	
			TOL	°C	-10	
			WTOL	°C	55	
		Rated heat output supplementary capacity	Psup (at Tdesign -10°C)	kW	1.6	
		Tbiv (bivalent tem-	COPd		2.12	
			Pdh	kW	6.1	
			PERd	%	84.8	
			Tbiv	°C	-6	
	Cold climate water outlet 55°C	General	Annual energy consumption	kWh	5,300	
			ηs (Seasonal space heating efficiency)	%	109	
			Prated at -22°C	kW	6.0	
			Qhe Annual energy consumption (GCV)	Gj	19	
	Warm climate water outlet 55°C	General	Annual energy consumption	kWh	1,858	
			ηs (Seasonal space heating efficiency)	%	158	
			Prated at 2°C	kW	5.6	
			Qhe Annual energy consumption (GCV)	Gj	7	
	Average climate water outlet 35°C	General	Annual energy consumption	kWh	3,233	
			ηs (Seasonal space heating efficiency)	%	176	
			Prated at -10°C	kW	7.0	
			Qhe Annual energy consumption (GCV)	Gj	12	
			SCOP		4.47	
			Seasonal space heating eff. class		A+++	
		A Condition (-7°CD-B/-8°CWB)	COPd		2.86	
			Pdh	kW	6.0	
			PERd	%	114.4	
		B Condition (2°CD-B/1°CWB)	Cdh (Degradation heating)		1.0	
			COPd		4.25	
			Pdh	kW	3.9	
			PERd	%	170.0	
		C Condition (7°CD-B/6°CWB)	Cdh (Degradation heating)		1.0	
			COPd		6.30	
			Pdh	kW	3.2	
			PERd	%	252.0	
		D Condition (12°CD-B/11°CWB)	Cdh (Degradation heating)		1.0	
			COPd		7.78	
			Pdh	kW	3.3	

2 Specifications

2 - 1 Specifications

Technical specifications					EHSHB08P30E + ERGA06EVH	EHSHB08P50E + ERGA06EVH
Space heating	Average climate water outlet 35°C	D Condition (12°CD-B/11°CWB)	PERd	%	311.2	
		Tol (temperature operating limit)	COPd		2.49	
			Pdh	kW	6.0	
			PERd	%	99.6	
			TOL	°C	-10	
			WTOL	°C	35	
		Tbiv (bivalent temperature)	COPd		3.07	
			Pdh	kW	6.1	
			PERd	%	122.8	
			Tbiv	°C	-6	
		Rated heat output supplementary capacity	Psup (at Tdesign -10°C)	kW	1.0	
	Cold climate water outlet 35°C	General	Annual energy consumption	kWh	3,749	
			ηs (Seasonal space heating efficiency)	%	155	
			Prated at -22°C	kW	6.0	
			Qhe Annual energy consumption (GCV)	Gj	13	
	Warm climate water outlet 35°C	General	Annual energy consumption	kWh	1,276	
			ηs (Seasonal space heating efficiency)	%	248	
			Prated at 2°C	kW	6.0	
			Qhe Annual energy consumption (GCV)	Gj	5	

(1)Condition 1: cooling Ta 35°C - LWE 18°C (DT = 5°C); heating Ta DB/WB 7°C/6°C - LWC 35°C (DT = 5°C) |
(2)Condition 2: cooling Ta 35°C - LWE 7°C (DT = 5°C); heating Ta DB/WB 7°C/6°C - LWC 45°C (DT = 5°C)

Technical specifications					EHSX08P30E + ERGA06EVH	EHSX08P50E + ERGA06EVH
Indoor unit					EHSX08P30EG	EHSX08P50EG
Outdoor unit					ERGA06EAV3H	
Heating capacity	Nom.			kW	6.00 (1) / 5.90 (2)	
Cooling capacity	Nom.			kW	5.96 (1) / 5.09 (2)	
Power input	Heating	Nom.		kW	1.24 (1) / 1.69 (2)	
	Cooling	Nom.		kW	1.06 (1) / 1.55 (2)	
COP					4.85 (1) / 3.50 (2)	
EER					5.61 (1) / 3.28 (2)	
Pump	Type				Grundfos UPM4 K 20-75 CHBL FS2	
Water side Heat exchanger	Water flow rate	Cooling	Nom.	l/min	17.1 (1) / 14.6 (2)	
		Heating	Nom.	l/min	17.2 (1) / 16.9 (2)	
General	Supplier/ Manufacturer details	Name and address			Daikin Europe N.V. - Zandvoordestraat 300, 8400 Oostende, Belgium	
		Name or trademark			Daikin Europe N.V.	
	Product description	Air-to-water heat pump			Yes	
		Brine-to-water heat pump			No	
		Heat pump combination heater			Yes	
		Low-temperature heat pump			No	
		Supplementary heater integrated			No	
		Water-to-water heat pump			No	
	LW(A) Sound power level (according to EN14825)	dB(A)		dBA	39	
LW(A) Sound power level (according to EN14825)	dB(A)			dBA	60	
Sound condition Ecodesign and energy label					Sound power in heating mode, measured according to the EN12102 under conditions of the EN14825	
Space heating general	Air to water unit	Rated airflow (outdoor)		m^3/h	2,520	
	Other	Capacity control			Inverter	
		Pck (Crankcase heater mode)		kW	0.000	
		Poff (Off mode)		kW	0.010	
		Psb (Standby mode)		kW	0.010	
		Pto (Thermostat off)		kW	0.010	

2 Specifications

2 - 1 Specifications

Technical specifications				EHSX08P30E + ERGA06EVH	EHSX08P50E + ERGA06EVH
Domestic hot water heating	General	Declared load profile		L	XL
		Function to fix water heating during off peak hours		No	
Space heating general	Integrated supplementary heater	Type of energy input		Electrical	
Domestic hot water heating	Average climate	AEC (Annual electricity consumption)	kWh	867	1,336
		COPdhw		2.80	3.06
		Heat up time		1h 34min	2h 41min
		Mixed water at 40°C	l	140.4	227.9
		ηwh (water heating efficiency)	%	118	125
Domestic hot water heating	Average climate	Qelec (Daily electricity consumption)	kWh	4.172	6.224
		Reference hot water temperature	°C	44.6	
		Stand-by power input	W	40.4	25.3
		Water heating energy efficiency class		A+	
	Cold climate	AEC (Annual electricity consumption)	kWh	1,006	1,493
		COPdhw		2.41	2.75
		Mixed water at 40°C	l	140.0	227.9
		ηwh (water heating efficiency)	%	102	112
		Qelec (Daily electricity consumption)	kWh	4.835	6.944
		Reference hot water temperature	°C	44.4	44.6
		Stand-by power input	W	46.0	26.7
	Warm climate	AEC (Annual electricity consumption)	kWh	716	1,186
		COPdhw		3.38	3.45
		Mixed water at 40°C	l	138.1	227.9
		ηwh (water heating efficiency)	%	143	141
		Qelec (Daily electricity consumption)	kWh	3.447	5.531
		Reference hot water temperature	°C	44.4	44.6
		Stand-by power input	W	33.9	23.7
Space heating	Average climate water outlet 55°C	General	Annual energy consumption	kWh	4,405
			ηs (Seasonal space heating efficiency)	%	128
			Prated at -10°C	kW	7.0
			Qhe Annual energy consumption (GCV)	Gj	16
			SCOP		3.28
			Seasonal space heating eff. class		A++
		A Condition (-7°CD-B/-8°CWB)	Cdh (Degradation heating)		1.0
			COPd		1.98
			Pdh	kW	5.9
			PERd	%	79.2
		B Condition (2°CD-B/1°CWB)	Cdh (Degradation heating)		1.0
			COPd		3.16
			Pdh	kW	3.9
			PERd	%	126.4
		C Condition (7°CD-B/6°CWB)	Cdh (Degradation heating)		1.0
			COPd		4.49
			Pdh	kW	3.0
			PERd	%	179.6
		D Condition (12°CD-B/11°CWB)	Cdh (Degradation heating)		1.0

2 Specifications

2 - 1 Specifications

Technical specifications					EHSX08P30E + ERGA06EVH	EHSX08P50E + ERGA06EVH
Space heating	Average climate water outlet 55°C	D Condition (12°CD-B/11°CWB)	COPd		6.10	
			Pdh	kW	3.3	
			PERd	%	244.0	
		Tol (temperature operating limit)	COPd		1.53	
			Pdh	kW	5.4	
			PERd	%	61.2	
			TOL	°C	-10	
			WTOL	°C	55	
		Rated heat output supplementary capacity	Psup (at Tdesign -10°C)	kW	1.6	
		Tbiv (bivalent temperature)	COPd		2.12	
			Pdh	kW	6.1	
			PERd	%	84.8	
			Tbiv	°C	-6	
	Cold climate water outlet 55°C	General	Annual energy consumption	kWh	5,278	
			ηs (Seasonal space heating efficiency)	%	109	
			Prated at -22°C	kW	6.0	
			Qhe Annual energy consumption (GCV)	Gj	19	
	Warm climate water outlet 55°C	General	Annual energy consumption	kWh	1,813	
			ηs (Seasonal space heating efficiency)	%	162	
			Prated at 2°C	kW	5.6	
			Qhe Annual energy consumption (GCV)	Gj	7	
	Average climate water outlet 35°C	General	Annual energy consumption	kWh	3,196	
			ηs (Seasonal space heating efficiency)	%	178	
			Prated at -10°C	kW	7.0	
			Qhe Annual energy consumption (GCV)	Gj	12	
			SCOP		4.52	
			Seasonal space heating eff. class		A+++	
		A Condition (-7°CD-B/-8°CWB)	COPd		2.86	
			Pdh	kW	6.0	
			PERd	%	114.4	
		B Condition (2°CD-B/1°CWB)	Cdh (Degradation heating)		1.0	
			COPd		4.25	
			Pdh	kW	3.9	
			PERd	%	170.0	
		C Condition (7°CD-B/6°CWB)	Cdh (Degradation heating)		1.0	
			COPd		6.30	
			Pdh	kW	3.2	

2 Specifications

2 - 1 Specifications

Technical specifications					EHSX08P30E + ERGA06EVH	EHSX08P50E + ERGA06EVH
Space heating	Average climate water outlet 35°C	C Condition (7°CD-B/6°CWB)	PERd	%	252.0	
		D Condition (12°CD-B/11°CWB)	Cdh (Degradation heating)		1.0	
			COPd		7.78	
			Pdh	kW	3.3	
			PERd	%	311.2	
		Tol (temperature operating limit)	COPd		2.49	
			Pdh	kW	6.0	
			PERd	%	99.6	
			TOL	°C	-10	
			WTOL	°C	35	
		Tbiv (bivalent temperature)	COPd		3.07	
			Pdh	kW	6.1	
			PERd	%	122.8	
			Tbiv	°C	-6	
		Rated heat output supplementary capacity	Psup (at Tdesign -10°C)	kW	1.0	
	Cold climate water outlet 35°C	General	Annual energy consumption	kWh	3,727	
			ηs (Seasonal space heating efficiency)	%	156	
			Prated at -22°C	kW	6.0	
			Qhe Annual energy consumption (GCV)	Gj	13	
	Warm climate water outlet 35°C	General	Annual energy consumption	kWh	1,232	
			ηs (Seasonal space heating efficiency)	%	257	
			Prated at 2°C	kW	6.0	
			Qhe Annual energy consumption (GCV)	Gj	4	

(1)Condition 1: cooling Ta 35°C - LWE 18°C (DT = 5°C); heating Ta DB/WB 7°C/6°C - LWC 35°C (DT = 5°C) |
(2)Condition 2: cooling Ta 35°C - LWE 7°C (DT = 5°C); heating Ta DB/WB 7°C/6°C - LWC 45°C (DT = 5°C)

Technical specifications					EHSXB08P30E + ERGA06EVH	EHSXB08P50E + ERGA06EVH
Indoor unit					EHSXB08P30EG	EHSXB08P50EG
Outdoor unit					ERGA06EAV3H	
Heating capacity	Nom.			kW	6.00 (1) / 5.90 (2)	
Cooling capacity	Nom.			kW	5.96 (1) / 5.09 (2)	
Power input	Heating	Nom.		kW	1.24 (1) / 1.69 (2)	
	Cooling	Nom.		kW	1.06 (1) / 1.55 (2)	
COP					4.85 (1) / 3.50 (2)	
EER					5.61 (1) / 3.28 (2)	
Pump	Type				Grundfos UPM4 K 20-75 CHBL FS2	
Water side Heat exchanger	Water flow rate	Cooling	Nom.	l/min	17.1 (1) / 14.6 (2)	
		Heating	Nom.	l/min	17.2 (1) / 16.9 (2)	
General	Supplier/ Manufacturer details	Name and address			Daikin Europe N.V. - Zandvoordestraat 300, 8400 Oostende, Belgium	
		Name or trademark			Daikin Europe N.V.	
	Product description	Air-to-water heat pump			Yes	
		Brine-to-water heat pump			No	
		Heat pump combination heater			Yes	
		Low-temperature heat pump			No	
		Supplementary heater integrated			No	
		Water-to-water heat pump			No	
	LW(A) Sound power level (according to EN14825)	dB(A)		dBA	39	
LW(A) Sound power level (according to EN14825)	dB(A)			dBA	60	
Sound condition Ecodesign and energy label					Sound power in heating mode, measured according to the EN12102 under conditions of the EN14825	

2 Specifications

2 - 1 Specifications

Technical specifications					EHSXB08P30E + ERGA06EVH	EHSXB08P50E + ERGA06EVH
Space heating general	Air to water unit	Rated airflow (outdoor)		m^3/h	2,520	
	Other	Capacity control			Inverter	
		Pck (Crankcase heater mode)		kW	0.000	
		Poff (Off mode)		kW	0.010	
		Psb (Standby mode)		kW	0.010	
		Pto (Thermostat off)		kW	0.010	
Domestic hot water heating	General	Declared load profile			L	XL
		Function to fix water heating during off peak hours			No	
Space heating general	Integrated supplementary heater	Type of energy input			Electrical	
Domestic hot water heating	Average climate	AEC (Annual electricity consumption)		kWh	867	1,336
		COPdhw			2.80	3.06
		Heat up time			1h 34min	2h 41min
		Mixed water at 40°C		l	140.4	227.9
		ηwh (water heating efficiency)		%	118	125
Domestic hot water heating	Average climate	Qelec (Daily electricity consumption)		kWh	4.172	6.224
		Reference hot water temperature		°C	44.6	
		Stand-by power input		W	40.4	25.3
		Water heating energy efficiency class			A+	
	Cold climate	AEC (Annual electricity consumption)		kWh	1,006	1,493
		COPdhw			2.41	2.75
		Mixed water at 40°C		l	140.0	227.9
		ηwh (water heating efficiency)		%	102	112
		Qelec (Daily electricity consumption)		kWh	4.835	6.944
		Reference hot water temperature		°C	44.4	44.6
		Stand-by power input		W	46.0	26.7
	Warm climate	AEC (Annual electricity consumption)		kWh	716	1,186
		COPdhw			3.38	3.45
		Mixed water at 40°C		l	138.1	227.9
		ηwh (water heating efficiency)		%	143	141
		Qelec (Daily electricity consumption)		kWh	3.447	5.531
		Reference hot water temperature		°C	44.4	44.6
		Stand-by power input		W	33.9	23.7
Space heating	Average climate water outlet 55°C	General	Annual energy consumption	kWh	4,405	
			ηs (Seasonal space heating efficiency)	%	128	
			Prated at -10°C	kW	7.0	
			Qhe Annual energy consumption (GCV)	Gj	16	
			SCOP		3.28	
			Seasonal space heating eff. class		A++	
		A Condition (-7°CD-B/-8°CWB)	Cdh (Degradation heating)		1.0	
			COPd		1.98	
			Pdh	kW	5.9	
			PERd	%	79.2	
		B Condition (2°CD-B/1°CWB)	Cdh (Degradation heating)		1.0	
			COPd		3.16	
			Pdh	kW	3.9	
			PERd	%	126.4	
		C Condition (7°CD-B/6°CWB)	Cdh (Degradation heating)		1.0	
			COPd		4.49	
			Pdh	kW	3.0	
			PERd	%	179.6	
		D Condition (12°CD-B/11°CWB)	Cdh (Degradation heating)		1.0	

2 Specifications

2 - 1 Specifications

Technical specifications					EHSXB08P30E + ERGA06EVH	EHSXB08P50E + ERGA06EVH
Space heating	Average climate water outlet 55°C	D Condition (12°CD-B/11°CWB)	COPd		6.10	
			Pdh	kW	3.3	
			PERd	%	244.0	
		Tol (temperature operating limit)	COPd		1.53	
			Pdh	kW	5.4	
			PERd	%	61.2	
			TOL	°C	-10	
			WTOL	°C	55	
		Rated heat output supplementary capacity	Psup (at Tdesign -10°C)	kW	1.6	
		Tbiv (bivalent temperature)	COPd		2.12	
			Pdh	kW	6.1	
			PERd	%	84.8	
			Tbiv	°C	-6	
	Cold climate water outlet 55°C	General	Annual energy consumption	kWh	5,278	
			ηs (Seasonal space heating efficiency)	%	109	
			Prated at -22°C	kW	6.0	
			Qhe Annual energy consumption (GCV)	Gj	19	
	Warm climate water outlet 55°C	General	Annual energy consumption	kWh	1,813	
			ηs (Seasonal space heating efficiency)	%	162	
			Prated at 2°C	kW	5.6	
			Qhe Annual energy consumption (GCV)	Gj	7	
	Average climate water outlet 35°C	General	Annual energy consumption	kWh	3,196	
			ηs (Seasonal space heating efficiency)	%	178	
			Prated at -10°C	kW	7.0	
			Qhe Annual energy consumption (GCV)	Gj	12	
			SCOP		4.52	
			Seasonal space heating eff. class		A+++	
		A Condition (-7°CD-B/-8°CWB)	COPd		2.86	
			Pdh	kW	6.0	
			PERd	%	114.4	
		B Condition (2°CD-B/1°CWB)	Cdh (Degradation heating)		1.0	
			COPd		4.25	
			Pdh	kW	3.9	
			PERd	%	170.0	
		C Condition (7°CD-B/6°CWB)	Cdh (Degradation heating)		1.0	
			COPd		6.30	
			Pdh	kW	3.2	

2 Specifications

2 - 1 Specifications

Technical specifications					EHSXB08P30E + ERGA06EVH	EHSXB08P50E + ERGA06EVH
Space heating	Average climate water outlet 35°C	C Condition (7°CD-B/6°CWB)	PERd	%	252.0	
		D Condition (12°CD-B/11°CWB)	Cdh (Degradation heating)		1.0	
			COPd		7.78	
			Pdh	kW	3.3	
			PERd	%	311.2	
		Tol (temperature operating limit)	COPd		2.49	
			Pdh	kW	6.0	
			PERd	%	99.6	
			TOL	°C	-10	
			WTOL	°C	35	
		Tbiv (bivalent temperature)	COPd		3.07	
			Pdh	kW	6.1	
			PERd	%	122.8	
			Tbiv	°C	-6	
		Rated heat output supplementary capacity	Psup (at Tdesign -10°C)	kW	1.0	
	Cold climate water outlet 35°C	General	Annual energy consumption	kWh	3,727	
			ηs (Seasonal space heating efficiency)	%	156	
			Prated at -22°C	kW	6.0	
			Qhe Annual energy consumption (GCV)	Gj	13	
	Warm climate water outlet 35°C	General	Annual energy consumption	kWh	1,232	
			ηs (Seasonal space heating efficiency)	%	257	
			Prated at 2°C	kW	6.0	
			Qhe Annual energy consumption (GCV)	Gj	4	

(1)Condition 1: cooling Ta 35°C - LWE 18°C (DT = 5°C); heating Ta DB/WB 7°C/6°C - LWC 35°C (DT = 5°C) |
(2)Condition 2: cooling Ta 35°C - LWE 7°C (DT = 5°C); heating Ta DB/WB 7°C/6°C - LWC 45°C (DT = 5°C)

Technical specifications					EHVH08S18E6V + ERGA06EVH	EHVH08S23E6V + ERGA06EVH
Heating capacity	Nom.			kW	6.00 (1) / 5.90 (2)	
Power input	Heating	Nom.		kW	1.24 (1) / 1.69 (2)	
	Domestic hot water from 10°C to 50°C	Nom.		kWh	2.48	3.01
Heat up time from 10°C to 50°C				hr	1h28min	1h40min
COP					4.85 (1) / 3.50 (2)	
Pump	Nominal ESP unit	Heating		kPa	52.4 (1) / 52.9 (2)	
Water side Heat exchanger	Water flow rate	Heating	Nom.	l/min	17.2 (1) / 16.9 (2)	
General	Supplier/ Manufacturer details	Name and address			Daikin Europe N.V. - Zandvoordestraat 300, 8400 Oostende, Belgium	
		Name or trademark			Daikin Europe N.V.	
	Product description	Air-to-water heat pump			Yes	
		Brine-to-water heat pump			No	
		Heat pump combination heater			Yes	
		Low-temperature heat pump			No	
		Supplementary heater integrated			Yes	
		Water-to-water heat pump			No	
	LW(A) Sound power level (according to EN14825)	dB(A)		dBA	42	
LW(A) Sound power level (according to EN14825)	dB(A)			dBA	60	
Sound condition Ecodesign and energy label					Sound power in heating mode, measured according to the EN12102 under conditions of the EN14825	

2 Specifications

2 - 1 Specifications

Technical specifications				EHVH08S18E6V + ERGA06EVH	EHVH08S23E6V + ERGA06EVH
Space heating general	Air to water unit	Rated airflow (outdoor)	m^3/h	2,520.0	
	Other	Capacity control		Inverter	
		Pck (Crankcase heater mode)	kW	0.000	
		Poff (Off mode)	kW	0.010	
		Psb (Standby mode)	kW	0.010	
		Pto (Thermostat off)	kW	0.010	
Domestic hot water heating	General	Declared load profile		L	XL
		Function to fix water heating during off peak hours		No	
Space heating general	Integrated supplementary heater	Psup	kW	6.0	
		Type of energy input		Electrical	
Domestic hot water heating	Average climate	AEC (Annual electricity consumption)	kWh	820	1,267
		ηwh (water heating efficiency)	%	125	133
		Qelec (Daily electricity consumption)	kWh	3.870	5.900
		Water heating energy efficiency class		A+	
	Cold climate	AEC (Annual electricity consumption)	kWh	951	1,475
		ηwh (water heating efficiency)	%	107	114
		Qelec (Daily electricity consumption)	kWh	4.480	6.860
	Warm climate	AEC (Annual electricity consumption)	kWh	680	1,046
Domestic hot water heating	Warm climate	ηwh (water heating efficiency)	%	151	161
		Qelec (Daily electricity consumption)	kWh	3.220	4.880

2 Specifications

2 - 1 Specifications

Technical specifications					EHVH08S18E6V + ERGA06EVH	EHVH08S23E6V + ERGA06EVH
Space heating	Average climate water outlet 55°C	General	Annual energy consumption	kWh	4,441	
			ηs (Seasonal space heating efficiency)	%	127	
			Prated at -10°C	kW	7.0	
			Qhe Annual energy consumption (GCV)	Gj	16.0	
			SCOP		3.26	
			Seasonal space heating eff. class		A++	
		A Condition (-7°CD-B/-8°CWB)	Cdh (Degradation heating)		1.0	
			COPd		1.98	
			Pdh	kW	5.9	
			PERd	%	79	
		B Condition (2°CD-B/1°CWB)	Cdh (Degradation heating)		1.0	
			COPd		3.16	
			Pdh	kW	3.9	
			PERd	%	126	
		C Condition (7°CD-B/6°CWB)	Cdh (Degradation heating)		1.0	
			COPd		4.49	
			Pdh	kW	3.0	
			PERd	%	180	
		D Condition (12°CD-B/11°CWB)	Cdh (Degradation heating)		1.0	
			COPd		6.10	
			Pdh	kW	3.3	
			PERd	%	244	
		Tol (temperature operating limit)	COPd		1.53	
			Pdh	kW	5.4	
			PERd	%	61	
			TOL	°C	-10	
			WTOL	°C	55	
		Rated heat output supplementary capacity	Psup (at Tdesign -10°C)	kW	1.6	
		Tbiv (bivalent temperature)	COPd		2.12	
			Pdh	kW	6.1	
			PERd	%	85	
			Tbiv	°C	-6	
	Cold climate water outlet	General	Annual energy consumption	kWh	5,300	
			ηs (Seasonal space heating efficiency)	%	109	
			Prated at -22°C	kW	6.0	

2 Specifications

2 - 1 Specifications

Technical specifications					EHVH08S18E6V + ERGA06EVH	EHVH08S23E6V + ERGA06EVH
Space heating	Warm climate water outlet 55°C	General	Annual energy consumption	kWh	1,858	
			ηs (Seasonal space heating efficiency)	%	158	
			Prated at 2°C	kW	5.6	
	Average climate water outlet 35°C	General	Annual energy consumption	kWh	3,233	
			ηs (Seasonal space heating efficiency)	%	176	
			Prated at -10°C	kW	7.0	
			Qhe Annual energy consumption (GCV)	Gj	11.6	
			SCOP		4.47	
			Seasonal space heating eff. class		A+++	
		A Condition (-7°CD-B/-8°CWB)	COPd		2.86	
			Pdh	kW	6.0	
			PERd	%	114	
		B Condition (2°CD-B/1°CWB)	Cdh (Degradation heating)		1.0	
			COPd		4.25	
			Pdh	kW	3.9	
			PERd	%	170	
		C Condition (7°CD-B/6°CWB)	Cdh (Degradation heating)		1.0	
			COPd		6.30	
			Pdh	kW	3.2	
			PERd	%	252	
		D Condition (12°CD-B/11°CWB)	Cdh (Degradation heating)		1.0	
			COPd		7.78	
			Pdh	kW	3.3	
			PERd	%	311	
		Tol (temperature operating limit)	COPd		2.49	
			Pdh	kW	6.0	
			PERd	%	100	
			TOL	°C	-10	
			WTOL	°C	35	
		Tbiv (bivalent temperature)	COPd		3.07	
			Pdh	kW	6.1	
			PERd	%	123	
			Tbiv	°C	-6	
		Rated heat output supplementary capacity	Psup (at Tdesign -10°C)	kW	1.0	
	Cold climate water outlet	General	Annual energy consumption	kWh	3,749	
			ηs (Seasonal space heating efficiency)	%	155	
			Prated at -22°C	kW	6.0	
Space heating	Warm climate water outlet 35°C	General	Annual energy consumption	kWh	1,276	
			ηs (Seasonal space heating efficiency)	%	248	
			Prated at 2°C	kW	6.0	

(1)Condition 1: cooling Ta 35°C - LWE 18°C (DT = 5°C); heating Ta DB/WB 7°C/6°C - LWC 35°C (DT = 5°C) |
(2)Condition 2: cooling Ta 35°C - LWE 7°C (DT = 5°C); heating Ta DB/WB 7°C/6°C - LWC 45°C (DT = 5°C)

Technical specifications				EHVH08S18E9W + ERGA06EVH	EHVH08S23E9W + ERGA06EVH
Heating capacity	Nom.		kW	6.00 (1) / 5.90 (2)	
Power input	Heating	Nom.	kW	1.24 (1) / 1.69 (2)	
	Domestic hot water from 10°C to 50°C	Nom.	kWh	2.48	3.01
Heat up time from 10°C to 50°C			hr	1h28min	1h40min
COP				4.85 (1) / 3.50 (2)	
Pump	Nominal ESP unit	Heating	kPa	52.4 (1) / 52.9 (2)	
Water side Heat exchanger	Water flow rate	Heating Nom.	l/min	17.2 (1) / 16.9 (2)	

2 Specifications

2 - 1 Specifications

Technical specifications				EHVH08S18E9W + ERGA06EVH	EHVH08S23E9W + ERGA06EVH
General	Supplier/ Manufacturer details	Name and address		Daikin Europe N.V. - Zandvoordestraat 300, 8400 Oostende, Belgium	
		Name or trademark		Daikin Europe N.V.	
	Product description	Air-to-water heat pump		Yes	
		Brine-to-water heat pump		No	
		Heat pump combination heater		Yes	
		Low-temperature heat pump		No	
		Supplementary heater integrated		Yes	
		Water-to-water heat pump		No	
	LW(A) Sound power level (according to EN14825)	dB(A)	dBA	42	
LW(A) Sound power level (according to EN14825)	dB(A)		dBA	60	
Sound condition Ecodesign and energy label				Sound power in heating mode, measured according to the EN12102 under conditions of the EN14825	
Space heating general	Air to water unit	Rated airflow (outdoor)	m^3/h	2,520.0	
	Other	Capacity control		Inverter	
		Pck (Crankcase heater mode)	kW	0.000	
		Poff (Off mode)	kW	0.010	
		Psb (Standby mode)	kW	0.010	
		Pto (Thermostat off)	kW	0.010	
Domestic hot water heating	General	Declared load profile		L	XL
		Function to fix water heating during off peak hours		No	
Space heating general	Integrated supplementary heater	Psup	kW	9.0	
		Type of energy input		Electrical	
Domestic hot water heating	Average climate	AEC (Annual electricity consumption)	kWh	820	1,267
		ηwh (water heating efficiency)	%	125	133
		Qelec (Daily electricity consumption)	kWh	3.870	5.900
		Water heating energy efficiency class		A+	
	Cold climate	AEC (Annual electricity consumption)	kWh	951	1,475
		ηwh (water heating efficiency)	%	107	114
		Qelec (Daily electricity consumption)	kWh	4.480	6.860
	Warm climate	AEC (Annual electricity consumption)	kWh	680	1,046
Domestic hot water heating	Warm climate	ηwh (water heating efficiency)	%	151	161
		Qelec (Daily electricity consumption)	kWh	3.220	4.880

2 Specifications

2 - 1 Specifications

Technical specifications					EHVH08S18E9W + ERGA06EVH	EHVH08S23E9W + ERGA06EVH
Space heating	Average climate water outlet 55°C	General	Annual energy consumption	kWh	4,441	
			ηs (Seasonal space heating efficiency)	%	127	
			Prated at -10°C	kW	7.0	
			Qhe Annual energy consumption (GCV)	Gj	16.0	
			SCOP		3.26	
			Seasonal space heating eff. class		A++	
		A Condition (-7°CD-B/-8°CWB)	Cdh (Degradation heating)		1.0	
			COPd		1.98	
			Pdh	kW	5.9	
			PERd	%	79	
		B Condition (2°CD-B/1°CWB)	Cdh (Degradation heating)		1.0	
			COPd		3.16	
			Pdh	kW	3.9	
			PERd	%	126	
		C Condition (7°CD-B/6°CWB)	Cdh (Degradation heating)		1.0	
			COPd		4.49	
			Pdh	kW	3.0	
			PERd	%	180	
		D Condition (12°CD-B/11°CWB)	Cdh (Degradation heating)		1.0	
			COPd		6.10	
			Pdh	kW	3.3	
			PERd	%	244	
		Tol (temperature operating limit)	COPd		1.53	
			Pdh	kW	5.4	
			PERd	%	61	
			TOL	°C	-10	
			WTOL	°C	55	
		Rated heat output supplementary capacity	Psup (at Tdesign -10°C)	kW	1.6	
		Tbiv (bivalent tem-	COPd		2.12	
			Pdh	kW	6.1	
			PERd	%	85	
			Tbiv	°C	-6	
	Cold climate water outlet 55°C	General	Annual energy consumption	kWh	5,300	
			ηs (Seasonal space heating efficiency)	%	109	
			Prated at -22°C	kW	6.0	

2 Specifications

2 - 1 Specifications

Technical specifications					EHVH08S18E9W + ERGA06EVH	EHVH08S23E9W + ERGA06EVH
Space heating	Warm climate water outlet 55°C	General	Annual energy consumption	kWh	1,858	
			ηs (Seasonal space heating efficiency)	%	158	
			Prated at 2°C	kW	5.6	
	Average climate water outlet 35°C	General	Annual energy consumption	kWh	3,233	
			ηs (Seasonal space heating efficiency)	%	176	
			Prated at -10°C	kW	7.0	
			Qhe Annual energy consumption (GCV)	Gj	11.6	
			SCOP		4.47	
			Seasonal space heating eff. class		A+++	
		A Condition (-7°CD-B/-8°CWB)	COPd		2.86	
			Pdh	kW	6.0	
			PERd	%	114	
		B Condition (2°CD-B/1°CWB)	Cdh (Degradation heating)		1.0	
			COPd		4.25	
			Pdh	kW	3.9	
			PERd	%	170	
		C Condition (7°CD-B/6°CWB)	Cdh (Degradation heating)		1.0	
			COPd		6.30	
			Pdh	kW	3.2	
			PERd	%	252	
		D Condition (12°CD-B/11°CWB)	Cdh (Degradation heating)		1.0	
			COPd		7.78	
			Pdh	kW	3.3	
			PERd	%	311	
		Tol (temperature operating limit)	COPd		2.49	
			Pdh	kW	6.0	
			PERd	%	100	
			TOL	°C	-10	
			WTOL	°C	35	
		Tbiv (bivalent temperature)	COPd		3.07	
			Pdh	kW	6.1	
			PERd	%	123	
			Tbiv	°C	-6	
		Rated heat output supplementary capacity	Psup (at Tdesign -10°C)	kW	1.0	
	Cold climate water outlet	General	Annual energy consumption	kWh	3,749	
			ηs (Seasonal space heating efficiency)	%	155	
			Prated at -22°C	kW	6.0	
Space heating	Warm climate water outlet 35°C	General	Annual energy consumption	kWh	1,276	
			ηs (Seasonal space heating efficiency)	%	248	
			Prated at 2°C	kW	6.0	

(1)Condition 1: cooling Ta 35°C - LWE 18°C (DT = 5°C); heating Ta DB/WB 7°C/6°C - LWC 35°C (DT = 5°C) |
(2)Condition 2: cooling Ta 35°C - LWE 7°C (DT = 5°C); heating Ta DB/WB 7°C/6°C - LWC 45°C (DT = 5°C)

Technical specifications				EHVX08S18E6V + ERGA06EVH	EHVX08S23E6V + ERGA06EVH
Heating capacity	Nom.		kW	6.00 (1) / 5.90 (2)	
Cooling capacity	Nom.		kW	5.96 (1) / 5.09 (2)	
Power input	Heating	Nom.	kW	1.24 (1) / 1.69 (2)	
	Cooling	Nom.	kW	1.06 (1) / 1.55 (2)	
	Domestic hot water from 10°C to 50°C	Nom.	kWh	2.48	3.01
Heat up time from 10°C to 50°C			hr	1h28min	1h40min
COP				4.85 (1) / 3.50 (2)	
EER				5.61 (1) / 3.28 (2)	
Pump	Nominal ESP unit	Cooling	kPa	52.6 (1) / 56.7 (2)	
		Heating	kPa	52.4 (1) / 52.9 (2)	

2 Specifications

2 - 1 Specifications

Technical specifications				EHVX08S18E6V + ERGA06EVH	EHVX08S23E6V + ERGA06EVH
Water side Heat exchanger	Water flow rate	Cooling Nom.	l/min	17.1 (1) / 14.6 (2)	
		Heating Nom.	l/min	17.2 (1) / 16.9 (2)	
General	Supplier/ Manufacturer details	Name and address		Daikin Europe N.V. - Zandvoordestraat 300, 8400 Oostende, Belgium	
		Name or trademark		Daikin Europe N.V.	
	Product description	Air-to-water heat pump		Yes	
		Brine-to-water heat pump		No	
		Heat pump combination heater		Yes	
		Low-temperature heat pump		No	
		Supplementary heater integrated		Yes	
		Water-to-water heat pump		No	
	LW(A) Sound power level (according to EN14825)	dB(A)	dBA	42	
LW(A) Sound power level (according to EN14825)	dB(A)		dBA	60	
Sound condition Ecodesign and energy label				Sound power in heating mode, measured according to the EN12102 under conditions of the EN14825	
Space heating general	Air to water unit	Rated airflow (outdoor)	m^3/h	2,520.0	
	Other	Capacity control		Inverter	
		Pck (Crankcase heater mode)	kW	0.000	
		Poff (Off mode)	kW	0.010	
		Psb (Standby mode)	kW	0.010	
		Pto (Thermostat off)	kW	0.010	
Domestic hot water heating	General	Declared load profile		L	XL
		Function to fix water heating during off peak hours		No	
Space heating general	Integrated supplementary heater	Psup	kW	6.0	
		Type of energy input		Electrical	
Domestic hot water heating	Average climate	AEC (Annual electricity consumption)	kWh	820	1,267
		ηwh (water heating efficiency)	%	125	133
		Qelec (Daily electricity consumption)	kWh	3.870	5.900
Domestic hot water heating	Average climate	Water heating energy efficiency class		A+	
	Cold climate	AEC (Annual electricity consumption)	kWh	951	1,475
		ηwh (water heating efficiency)	%	107	114
		Qelec (Daily electricity consumption)	kWh	4.480	6.860
	Warm climate	AEC (Annual electricity consumption)	kWh	680	1,046
		ηwh (water heating efficiency)	%	151	161
		Qelec (Daily electricity consumption)	kWh	3.220	4.880

2 Specifications

2 - 1 Specifications

Technical specifications					EHVX08S18E6V + ERGA06EVH	EHVX08S23E6V + ERGA06EVH
Space heating	Average climate water outlet 55°C	General	Annual energy consumption	kWh	4,419	4,405
			ηs (Seasonal space heating efficiency)	%	128	
			Prated at -10°C	kW	7.0	
			Qhe Annual energy consumption (GCV)	Gj	15.9	
			SCOP		3.27	3.28
			Seasonal space heating eff. class		A++	
		A Condition (-7°CD-B/-8°CWB)	Cdh (Degradation heating)		1.0	
			COPd		1.98	
			Pdh	kW	5.9	
			PERd	%	79	
		B Condition (2°CD-B/1°CWB)	Cdh (Degradation heating)		1.0	
			COPd		3.16	
			Pdh	kW	3.9	
			PERd	%	126	
		C Condition (7°CD-B/6°CWB)	Cdh (Degradation heating)		1.0	
			COPd		4.49	
			Pdh	kW	3.0	
			PERd	%	180	
		D Condition (12°CD-B/11°CWB)	Cdh (Degradation heating)		1.0	
			COPd		6.10	
			Pdh	kW	3.3	
			PERd	%	244	
		Tol (temperature operating limit)	COPd		1.43	1.53
			Pdh	kW	4.5	5.4
			PERd	%	57	61
			TOL	°C	-10	
			WTOL	°C	55	
		Rated heat output supplementary capacity	Psup (at Tdesign -10°C)	kW	2.5	1.6
		Tbiv (biva-	COPd		2.12	
			Pdh	kW	6.1	

2 Specifications

2 - 1 Specifications

Technical specifications					EHVX08S18E6V + ERGA06EVH	EHVX08S23E6V + ERGA06EVH
Space heating	Average climate water outlet 55°C	Tbiv (bivalent temperature)	PERd	%	85	
			Tbiv	°C	-6	
	Cold climate water outlet 55°C	General	Annual energy consumption	kWh	5,303	5,278
			ηs (Seasonal space heating efficiency)	%	109	
			Prated at -22°C	kW	6.0	
	Warm climate water outlet 55°C	General	Annual energy consumption	kWh	1,813	
			ηs (Seasonal space heating efficiency)	%	162	
			Prated at 2°C	kW	5.6	
	Average climate water outlet 35°C	General	Annual energy consumption	kWh	3,196	
			ηs (Seasonal space heating efficiency)	%	178	
			Prated at -10°C	kW	7.0	
			Qhe Annual energy consumption (GCV)	Gj	11.5	
			SCOP		4.52	
			Seasonal space heating eff. class		A+++	
		A Condition (-7°CDB/-8°CWB)	COPd		2.86	
			Pdh	kW	6.0	
			PERd	%	114	
		B Condition (2°CDB/1°CWB)	Cdh (Degradation heating)		1.0	
			COPd		4.25	
			Pdh	kW	3.9	
			PERd	%	170	
		C Condition (7°CDB/6°CWB)	Cdh (Degradation heating)		1.0	
			COPd		6.30	
			Pdh	kW	3.2	
			PERd	%	252	
		D Condition (12°CDB/11°CWB)	Cdh (Degradation heating)		1.0	
			COPd		7.78	
			Pdh	kW	3.3	
			PERd	%	311	
		Tol (temperature operating limit)	COPd		2.49	
			Pdh	kW	6.0	
			PERd	%	100	
			TOL	°C	-10	
			WTOL	°C	35	
		Tbiv (bivalent temperature)	COPd		3.07	
			Pdh	kW	6.1	
			PERd	%	123	
Space heating	Average climate water outlet 35°C	Tbiv (bivalent temperature)	Tbiv	°C	-6	
		Rated heat output supplementary capacity	Psup (at Tdesign -10°C)	kW	1.0	
	Cold climate water outlet 35°C	General	Annual energy consumption	kWh	3,727	
			ηs (Seasonal space heating efficiency)	%	156	
			Prated at -22°C	kW	6.0	
	Warm climate water outlet	General	Annual energy consumption	kWh	1,231	1,232
			ηs (Seasonal space heating efficiency)	%	257	
			Prated at 2°C	kW	6.0	

(1)Condition 1: cooling Ta 35°C - LWE 18°C (DT = 5°C); heating Ta DB/WB 7°C/6°C - LWC 35°C (DT = 5°C) |
(2)Condition 2: cooling Ta 35°C - LWE 7°C (DT = 5°C); heating Ta DB/WB 7°C/6°C - LWC 45°C (DT = 5°C)

Technical specifications			EHVX08S18E9W + ERGA06EVH	EHVX08S23E9W + ERGA06EVH
Heating capacity	Nom.	kW	6.00 (1) / 5.90 (2)	
Cooling capacity	Nom.	kW	5.96 (1) / 5.09 (2)	

2 Specifications

2 - 1 Specifications

Technical specifications				EHVX08S18E9W + ERGA06EVH	EHVX08S23E9W + ERGA06EVH
Power input	Heating	Nom.	kW	1.24 (1) / 1.69 (2)	
	Cooling	Nom.	kW	1.06 (1) / 1.55 (2)	
	Domestic hot water from 10°C to 50°C	Nom.	kWh	2.48	3.01
Heat up time from 10°C to 50°C			hr	1h28min	1h40min
COP				4.85 (1) / 3.50 (2)	
EER				5.61 (1) / 3.28 (2)	
Pump	Nominal ESP unit	Cooling	kPa	52.6 (1) / 56.7 (2)	
		Heating	kPa	52.4 (1) / 52.9 (2)	
Water side Heat exchanger	Water flow rate	Cooling Nom.	l/min	17.1 (1) / 14.6 (2)	
		Heating Nom.	l/min	17.2 (1) / 16.9 (2)	
General	Supplier/ Manufacturer details	Name and address		Daikin Europe N.V. - Zandvoordestraat 300, 8400 Oostende, Belgium	
		Name or trademark		Daikin Europe N.V.	
	Product description	Air-to-water heat pump		Yes	
		Brine-to-water heat pump		No	
		Heat pump combination heater		Yes	
		Low-temperature heat pump		No	
		Supplementary heater integrated		Yes	
		Water-to-water heat pump		No	
	LW(A) Sound power level (according to EN14825)	dB(A)	dBA	42	
LW(A) Sound power level (according to EN14825)	dB(A)		dBA	60	
Sound condition Ecodesign and energy label				Sound power in heating mode, measured according to the EN12102 under conditions of the EN14825	
Space heating general	Air to water unit	Rated airflow (outdoor)	m^3/h	2,520.0	
	Other	Capacity control		Inverter	
		Pck (Crankcase heater mode)	kW	0.000	
		Poff (Off mode)	kW	0.010	
		Psb (Standby mode)	kW	0.010	
		Pto (Thermostat off)	kW	0.010	
Domestic hot water heating	General	Declared load profile		L	XL
		Function to fix water heating during off peak hours		No	
Space heating general	Integrated supplementary heater	Psup	kW	9.0	
		Type of energy input		Electrical	
Domestic hot water heating	Average climate	AEC (Annual electricity consumption)	kWh	820	1,267
		ηwh (water heating efficiency)	%	125	133
		Qelec (Daily electricity consumption)	kWh	3.870	5.900
Domestic hot water heating	Average climate	Water heating energy efficiency class		A+	
	Cold climate	AEC (Annual electricity consumption)	kWh	951	1,475
		ηwh (water heating efficiency)	%	107	114
		Qelec (Daily electricity consumption)	kWh	4.480	6.860
	Warm climate	AEC (Annual electricity consumption)	kWh	680	1,046
		ηwh (water heating efficiency)	%	151	161
		Qelec (Daily electricity consumption)	kWh	3.220	4.880

2 Specifications

2 - 1 Specifications

Technical specifications					EHVX08S18E9W + ERGA06EVH	EHVX08S23E9W + ERGA06EVH
Space heating	Average climate water outlet 55°C	General	Annual energy consumption	kWh	4,405	
			ηs (Seasonal space heating efficiency)	%	128	
			Prated at -10°C	kW	7.0	
			Qhe Annual energy consumption (GCV)	Gj	15.9	
			SCOP		3.28	
			Seasonal space heating eff. class		A++	
		A Condition (-7°CD-B/-8°CWB)	Cdh (Degradation heating)		1.0	
			COPd		1.98	
			Pdh	kW	5.9	
			PERd	%	79	
		B Condition (2°CD-B/1°CWB)	Cdh (Degradation heating)		1.0	
			COPd		3.16	
			Pdh	kW	3.9	
			PERd	%	126	
		C Condition (7°CD-B/6°CWB)	Cdh (Degradation heating)		1.0	
			COPd		4.49	
			Pdh	kW	3.0	
			PERd	%	180	
		D Condition (12°CD-B/11°CWB)	Cdh (Degradation heating)		1.0	
			COPd		6.10	
			Pdh	kW	3.3	
			PERd	%	244	
		Tol (temperature operating limit)	COPd		1.53	
			Pdh	kW	5.4	
			PERd	%	61	
			TOL	°C	-10	
			WTOL	°C	55	
		Rated heat output supplementary capacity	Psup (at Tdesign -10°C)	kW	1.6	
		Tbiv (bivalent temperature)	COPd		2.12	
			Pdh	kW	6.1	

2 Specifications

2 - 1 Specifications

Technical specifications					EHVX08S18E9W + ERGA06EVH	EHVX08S23E9W + ERGA06EVH
Space heating	Average climate water outlet 55°C	Tbiv (bivalent temperature)	PERd	%	85	
			Tbiv	°C	-6	
	Cold climate water outlet 55°C	General	Annual energy consumption	kWh	5,278	
			ηs (Seasonal space heating efficiency)	%	109	
			Prated at -22°C	kW	6.0	
	Warm climate water outlet 55°C	General	Annual energy consumption	kWh	1,813	
			ηs (Seasonal space heating efficiency)	%	162	
			Prated at 2°C	kW	5.6	
	Average climate water outlet 35°C	General	Annual energy consumption	kWh	3,196	
			ηs (Seasonal space heating efficiency)	%	178	
			Prated at -10°C	kW	7.0	
			Qhe Annual energy consumption (GCV)	Gj	11.5	
			SCOP		4.52	
			Seasonal space heating eff. class		A+++	
		A Condition (-7°CD-B/-8°CWB)	COPd		2.86	
			Pdh	kW	6.0	
			PERd	%	114	
		B Condition (2°CD-B/1°CWB)	Cdh (Degradation heating)		1.0	
			COPd		4.25	
			Pdh	kW	3.9	
			PERd	%	170	
		C Condition (7°CD-B/6°CWB)	Cdh (Degradation heating)		1.0	
			COPd		6.30	
			Pdh	kW	3.2	
			PERd	%	252	
		D Condition (12°CD-B/11°CWB)	Cdh (Degradation heating)		1.0	
			COPd		7.78	
			Pdh	kW	3.3	
			PERd	%	311	
		Tol (temperature operating limit)	COPd		2.49	
			Pdh	kW	6.0	
			PERd	%	100	
			TOL	°C	-10	
			WTOL	°C	35	
		Tbiv (bivalent temperature)	COPd		3.07	
			Pdh	kW	6.1	
			PERd	%	123	
Space heating	Average climate water outlet 35°C	Tbiv (bivalent temperature)	Tbiv	°C	-6	
		Rated heat output supplementary capacity	Psup (at Tdesign -10°C)	kW	1.0	
	Cold climate water outlet 35°C	General	Annual energy consumption	kWh	3,727	
			ηs (Seasonal space heating efficiency)	%	156	
			Prated at -22°C	kW	6.0	
	Warm climate water outlet	General	Annual energy consumption	kWh	1,232	
			ηs (Seasonal space heating efficiency)	%	257	
			Prated at 2°C	kW	6.0	

(1)Condition 1: cooling Ta 35°C - LWE 18°C (DT = 5°C); heating Ta DB/WB 7°C/6°C - LWC 35°C (DT = 5°C) |
(2)Condition 2: cooling Ta 35°C - LWE 7°C (DT = 5°C); heating Ta DB/WB 7°C/6°C - LWC 45°C (DT = 5°C)

Technical specifications			EHVZ08S18E6V + ERGA06EVH	EHVZ08S23E6V + ERGA06EVH
Heating capacity	Nom.	kW	6.00 (1) / 5.90 (2)	

2 Specifications

2 - 1 Specifications

Technical specifications				EHVZ08S18E6V + ERGA06EVH	EHVZ08S23E6V + ERGA06EVH
Power input	Heating	Nom.	kW	1.24 (1) / 1.69 (2)	
	Domestic hot water from 10°C to 50°C	Nom.	kWh	2.48	3.01
Heat up time from 10°C to 50°C			hr	1h28min	1h40min
COP				4.85 (1) / 3.50 (2)	
Pump	Nominal ESP unit	Heating	kPa	52.4 (1) / 52.9 (2)	
Water side Heat exchanger	Water flow rate	Heating Nom.	l/min	17.2 (1) / 16.9 (2)	
General	Supplier/ Manufacturer details	Name and address		Daikin Europe N.V. - Zandvoordestraat 300, 8400 Oostende, Belgium	
		Name or trademark		Daikin Europe N.V.	
	Product description	Air-to-water heat pump		Yes	
		Brine-to-water heat pump		No	
		Heat pump combination heater		Yes	
		Low-temperature heat pump		No	
		Supplementary heater integrated		Yes	
		Water-to-water heat pump		No	
	LW(A) Sound power level (according to EN14825)	dB(A)	dBA	42	
LW(A) Sound power level (according to EN14825)	dB(A)		dBA	60	
Sound condition Ecodesign and energy label				Sound power in heating mode, measured according to the EN12102 under conditions of the EN14825	
Space heating general	Air to water unit	Rated airflow (outdoor)	m^3/h	2,520.0	
	Other	Capacity control		Inverter	
		Pck (Crankcase heater mode)	kW	0.000	
		Poff (Off mode)	kW	0.010	
		Psb (Standby mode)	kW	0.010	
		Pto (Thermostat off)	kW	0.010	
Domestic hot water heating	General	Declared load profile		L	XL
		Function to fix water heating during off peak hours		No	
Space heating general	Integrated supplementary heater	Psup	kW	6.0	
		Type of energy input		Electrical	
Domestic hot water heating	Average climate	AEC (Annual electricity consumption)	kWh	820	1,267
		ηwh (water heating efficiency)	%	125	133
		Qelec (Daily electricity consumption)	kWh	3.870	5.900
		Water heating energy efficiency class		A+	
	Cold climate	AEC (Annual electricity consumption)	kWh	951	1,475
		ηwh (water heating efficiency)	%	107	114
		Qelec (Daily electricity consumption)	kWh	4.480	6.860
	Warm climate	AEC (Annual electricity consumption)	kWh	680	1,046
Domestic hot water heating	Warm climate	ηwh (water heating efficiency)	%	151	161
		Qelec (Daily electricity consumption)	kWh	3.220	4.880

2 Specifications

2 - 1 Specifications

Technical specifications					EHVZ08S18E6V + ERGA06EVH	EHVZ08S23E6V + ERGA06EVH
Space heating	Average climate water outlet 55°C	General	Annual energy consumption	kWh	4,441	
			ηs (Seasonal space heating efficiency)	%	127	
			Prated at -10°C	kW	7.0	
			Qhe Annual energy consumption (GCV)	Gj	16.0	
			SCOP		3.26	
			Seasonal space heating eff. class		A++	
		A Condition (-7°CD-B/-8°CWB)	Cdh (Degradation heating)		1.0	
			COPd		1.98	
			Pdh	kW	5.9	
			PERd	%	79	
		B Condition (2°CD-B/1°CWB)	Cdh (Degradation heating)		1.0	
			COPd		3.16	
			Pdh	kW	3.9	
			PERd	%	126	
		C Condition (7°CD-B/6°CWB)	Cdh (Degradation heating)		1.0	
			COPd		4.49	
			Pdh	kW	3.0	
			PERd	%	180	
		D Condition (12°CD-B/11°CWB)	Cdh (Degradation heating)		1.0	
			COPd		6.10	
			Pdh	kW	3.3	
			PERd	%	244	
		Tol (temperature operating limit)	COPd		1.53	
			Pdh	kW	5.4	
			PERd	%	61	
			TOL	°C	-10	
			WTOL	°C	55	
		Rated heat output supplementary capacity	Psup (at Tdesign -10°C)	kW	1.6	
		Tbiv (bivalent tem-	COPd		2.12	
			Pdh	kW	6.1	
			PERd	%	85	
			Tbiv	°C	-6	
	Cold climate water outlet	General	Annual energy consumption	kWh	5,300	
			ηs (Seasonal space heating efficiency)	%	109	
			Prated at -22°C	kW	6.0	

2 Specifications

2 - 1 Specifications

Technical specifications					EHVZ08S18E6V + ERGA06EVH	EHVZ08S23E6V + ERGA06EVH
Space heating	Warm climate water outlet 55°C	General	Annual energy consumption	kWh	1,858	
			ηs (Seasonal space heating efficiency)	%	158	
			Prated at 2°C	kW	5.6	
	Average climate water outlet 35°C	General	Annual energy consumption	kWh	3,233	
			ηs (Seasonal space heating efficiency)	%	176	
			Prated at -10°C	kW	7.0	
			Qhe Annual energy consumption (GCV)	Gj	11.6	
			SCOP		4.47	
			Seasonal space heating eff. class		A+++	
		A Condition (-7°CD-B/-8°CWB)	COPd		2.86	
			Pdh	kW	6.0	
			PERd	%	114	
		B Condition (2°CD-B/1°CWB)	Cdh (Degradation heating)		1.0	
			COPd		4.25	
			Pdh	kW	3.9	
			PERd	%	170	
		C Condition (7°CD-B/6°CWB)	Cdh (Degradation heating)		1.0	
			COPd		6.30	
			Pdh	kW	3.2	
			PERd	%	252	
		D Condition (12°CD-B/11°CWB)	Cdh (Degradation heating)		1.0	
			COPd		7.78	
			Pdh	kW	3.3	
			PERd	%	311	
		Tol (temperature operating limit)	COPd		2.49	
			Pdh	kW	6.0	
			PERd	%	100	
			TOL	°C	-10	
			WTOL	°C	35	
		Tbiv (bivalent temperature)	COPd		3.07	
			Pdh	kW	6.1	
			PERd	%	123	
			Tbiv	°C	-6	
		Rated heat output supplementary capacity	Psup (at Tdesign -10°C)	kW	1.0	
	Cold climate water outlet	General	Annual energy consumption	kWh	3,749	
			ηs (Seasonal space heating efficiency)	%	155	
			Prated at -22°C	kW	6.0	
Space heating	Warm climate water outlet 35°C	General	Annual energy consumption	kWh	1,276	
			ηs (Seasonal space heating efficiency)	%	248	
			Prated at 2°C	kW	6.0	

(1)Condition 1: cooling Ta 35°C - LWE 18°C (DT = 5°C); heating Ta DB/WB 7°C/6°C - LWC 35°C (DT = 5°C) |
(2)Condition 2: cooling Ta 35°C - LWE 7°C (DT = 5°C); heating Ta DB/WB 7°C/6°C - LWC 45°C (DT = 5°C)

Technical specifications				EHVZ08S18E9W + ERGA06EVH	EHVZ08S23E9W + ERGA06EVH
Heating capacity	Nom.		kW	6.00 (1) / 5.90 (2)	
Power input	Heating	Nom.	kW	1.24 (1) / 1.69 (2)	
	Domestic hot water from 10°C to 50°C	Nom.	kWh	2.48	3.01
Heat up time from 10°C to 50°C			hr	1h28min	1h40min
COP				4.85 (1) / 3.50 (2)	
Pump	Nominal ESP unit	Heating	kPa	52.4 (1) / 52.9 (2)	
Water side Heat exchanger	Water flow rate	Heating Nom.	l/min	17.2 (1) / 16.9 (2)	

2 Specifications

2 - 1 Specifications

Technical specifications				EHVZ08S18E9W + ERGA06EVH	EHVZ08S23E9W + ERGA06EVH
General	Supplier/ Manufacturer details	Name and address		Daikin Europe N.V. - Zandvoordestraat 300, 8400 Oostende, Belgium	
		Name or trademark		Daikin Europe N.V.	
	Product description	Air-to-water heat pump		Yes	
		Brine-to-water heat pump		No	
		Heat pump combination heater		Yes	
		Low-temperature heat pump		No	
		Supplementary heater integrated		Yes	
		Water-to-water heat pump		No	
	LW(A) Sound power level (according to EN14825)	dB(A)	dBA	42	
LW(A) Sound power level (according to EN14825)	dB(A)		dBA	60	
Sound condition Ecodesign and energy label				Sound power in heating mode, measured according to the EN12102 under conditions of the EN14825	
Space heating general	Air to water unit	Rated airflow (outdoor)	m^3/h	2,520.0	
	Other	Capacity control		Inverter	
		Pck (Crankcase heater mode)	kW	0.000	
		Poff (Off mode)	kW	0.010	
		Psb (Standby mode)	kW	0.010	
		Pto (Thermostat off)	kW	0.010	
Domestic hot water heating	General	Declared load profile		L	XL
		Function to fix water heating during off peak hours		No	
Space heating general	Integrated supplementary heater	Psup	kW	9.0	
		Type of energy input		Electrical	
Domestic hot water heating	Average climate	AEC (Annual electricity consumption)	kWh	820	1,267
		ηwh (water heating efficiency)	%	125	133
		Qelec (Daily electricity consumption)	kWh	3.870	5.900
		Water heating energy efficiency class		A+	
	Cold climate	AEC (Annual electricity consumption)	kWh	951	1,475
		ηwh (water heating efficiency)	%	107	114
		Qelec (Daily electricity consumption)	kWh	4.480	6.860
	Warm climate	AEC (Annual electricity consumption)	kWh	680	1,046
Domestic hot water heating	Warm climate	ηwh (water heating efficiency)	%	151	161
		Qelec (Daily electricity consumption)	kWh	3.220	4.880

2 Specifications

2 - 1 Specifications

Technical specifications					EHVZ08S18E9W + ERGA06EVH	EHVZ08S23E9W + ERGA06EVH
Space heating	Average climate water outlet 55°C	General	Annual energy consumption	kWh	4,441	
			ηs (Seasonal space heating efficiency)	%	127	
			Prated at -10°C	kW	7.0	
			Qhe Annual energy consumption (GCV)	Gj	16.0	
			SCOP		3.26	
			Seasonal space heating eff. class		A++	
		A Condition (-7°CD-B/-8°CWB)	Cdh (Degradation heating)		1.0	
			COPd		1.98	
			Pdh	kW	5.9	
			PERd	%	79	
		B Condition (2°CD-B/1°CWB)	Cdh (Degradation heating)		1.0	
			COPd		3.16	
			Pdh	kW	3.9	
			PERd	%	126	
		C Condition (7°CD-B/6°CWB)	Cdh (Degradation heating)		1.0	
			COPd		4.49	
			Pdh	kW	3.0	
			PERd	%	180	
		D Condition (12°CD-B/11°CWB)	Cdh (Degradation heating)		1.0	
			COPd		6.10	
			Pdh	kW	3.3	
			PERd	%	244	
		Tol (temperature operating limit)	COPd		1.53	
			Pdh	kW	5.4	
			PERd	%	61	
			TOL	°C	-10	
			WTOL	°C	55	
		Rated heat output supplementary capacity	Psup (at Tdesign -10°C)	kW	1.6	
		Tbiv (bivalent tem-	COPd		2.12	
			Pdh	kW	6.1	
			PERd	%	85	
			Tbiv	°C	-6	
	Cold climate water outlet 55°C	General	Annual energy consumption	kWh	5,300	
			ηs (Seasonal space heating efficiency)	%	109	
			Prated at -22°C	kW	6.0	

2 Specifications

2 - 1 Specifications

Technical specifications					EHVZ08S18E9W + ERGA06EVH	EHVZ08S23E9W + ERGA06EVH
Space heating	Warm climate water outlet 55°C	General	Annual energy consumption	kWh	1,858	
			ηs (Seasonal space heating efficiency)	%	158	
			Prated at 2°C	kW	5.6	
	Average climate water outlet 35°C	General	Annual energy consumption	kWh	3,233	
			ηs (Seasonal space heating efficiency)	%	176	
			Prated at -10°C	kW	7.0	
			Qhe Annual energy consumption (GCV)	Gj	11.6	
			SCOP		4.47	
			Seasonal space heating eff. class		A+++	
		A Condition (-7°CD-B/-8°CWB)	COPd		2.86	
			Pdh	kW	6.0	
			PERd	%	114	
		B Condition (2°CD-B/1°CWB)	Cdh (Degradation heating)		1.0	
			COPd		4.25	
			Pdh	kW	3.9	
			PERd	%	170	
		C Condition (7°CD-B/6°CWB)	Cdh (Degradation heating)		1.0	
			COPd		6.30	
			Pdh	kW	3.2	
			PERd	%	252	
		D Condition (12°CD-B/11°CWB)	Cdh (Degradation heating)		1.0	
			COPd		7.78	
			Pdh	kW	3.3	
			PERd	%	311	
		Tol (temperature operating limit)	COPd		2.49	
			Pdh	kW	6.0	
			PERd	%	100	
			TOL	°C	-10	
			WTOL	°C	35	
		Tbiv (bivalent temperature)	COPd		3.07	
			Pdh	kW	6.1	
			PERd	%	123	
			Tbiv	°C	-6	
		Rated heat output supplementary capacity	Psup (at Tdesign -10°C)	kW	1.0	
	Cold climate water outlet	General	Annual energy consumption	kWh	3,749	
			ηs (Seasonal space heating efficiency)	%	155	
			Prated at -22°C	kW	6.0	
Space heating	Warm climate water outlet 35°C	General	Annual energy consumption	kWh	1,276	
			ηs (Seasonal space heating efficiency)	%	248	
			Prated at 2°C	kW	6.0	

(1)Condition 1: cooling Ta 35°C - LWE 18°C (DT = 5°C); heating Ta DB/WB 7°C/6°C - LWC 35°C (DT = 5°C) |
(2)Condition 2: cooling Ta 35°C - LWE 7°C (DT = 5°C); heating Ta DB/WB 7°C/6°C - LWC 45°C (DT = 5°C)

Technical specifications					EHBH08E6V + ERGA08EVH7
Heating capacity	Nom.			kW	7.50 (1) / 7.80 (2)
Power input	Heating	Nom.		kW	1.63 (1) / 2.23 (2)
COP					4.60 (1) / 3.50 (2)
Pump	Nominal ESP unit	Heating		kPa	43.3 (1) / 41.2 (2)
Water side Heat exchanger	Water flow rate	Heating	Nom.	l/min	21.5 (1) / 22.4 (2)

2 Specifications

2 - 1 Specifications

Technical specifications					EHBH08E6V + ERGA08EVH7
General	Supplier/ Manufacturer details	Name and address			Daikin Europe N.V. - Zandvoordestraat 300, 8400 Oostende, Belgium
		Name or trademark			Daikin Europe N.V.
	Product description	Air-to-water heat pump			Yes
		Brine-to-water heat pump			No
		Heat pump combination heater			No
		Low-temperature heat pump			No
		Supplementary heater integrated			Yes
		Water-to-water heat pump			No
	LW(A) Sound power level (according to EN14825)	dB(A)		dBA	42
LW(A) Sound power level (according to EN14825)	dB(A)			dBA	62
Sound condition Ecodesign and energy label					Sound power in heating mode, measured according to the EN12102 under conditions of the EN14825
Space heating general	Air to water unit	Rated airflow (outdoor)		m^3/h	2,770.0
	Other	Capacity control			Inverter
		Pck (Crankcase heater mode)		kW	0.000
		Poff (Off mode)		kW	0.010
		Psb (Standby mode)		kW	0.010
		Pto (Thermostat off)		kW	0.010
	Integrated supplementary heater	Psup		kW	6.0
		Type of energy input			Electrical
Space heating	Average climate water outlet 55°C	General	Annual energy consumption	kWh	4,975
			ηs (Seasonal space heating efficiency)	%	130
			Prated at -10°C	kW	8.0
			Qhe Annual energy consumption (GCV)	Gj	17.9
			SCOP		3.32
			Seasonal space heating eff. class		A++
		A Condition (-7°CD-B/-8°CWB)	Cdh (Degradation heating)		1.0
			COPd		1.96
			Pdh	kW	6.9
			PERd	%	78
		B Condition (2°CD-B/1°CWB)	Cdh (Degradation heating)		1.0
			COPd		3.20

2 Specifications

2 - 1 Specifications

Technical specifications					EHBH08E6V + ERGA08EVH7
Space heating	Average climate water outlet 55°C	B Condition (2°CD-B/1°CWB)	Pdh	kW	4.4
			PERd	%	128
		C Condition (7°CD-B/6°CWB)	Cdh (Degradation heating)		1.0
			COPd		4.64
			Pdh	kW	3.3
			PERd	%	186
		D Condition (12°CD-B/11°CWB)	Cdh (Degradation heating)		1.0
			COPd		6.22
			Pdh	kW	4.1
			PERd	%	249
		Tol (temperature operating limit)	COPd		1.64
			Pdh	kW	7.1
			PERd	%	66
			TOL	°C	-10
			WTOL	°C	55
		Rated heat output supplementary capacity	Psup (at Tdesign -10°C)	kW	0.9
		Tbiv (bivalent temperature)	COPd		1.90
			Pdh	kW	7.5
			PERd	%	76
			Tbiv	°C	-8
	Cold climate water outlet 55°C	General	Annual energy consumption	kWh	6,886
			ηs (Seasonal space heating efficiency)	%	112
			Prated at -22°C	kW	8.0
	Warm climate water outlet 55°C	General	Annual energy consumption	kWh	2,702
			ηs (Seasonal space heating efficiency)	%	157
			Prated at 2°C	kW	8.1
	Average climate water outlet 35°C	General	Annual energy consumption	kWh	3,625
			ηs (Seasonal space heating efficiency)	%	179
			Prated at -10°C	kW	8.0
			Qhe Annual energy consumption (GCV)	Gj	13.1
			SCOP		4.56
			Seasonal space heating eff. class		A+++
		A Condition (-7°CD-B/-8°CWB)	COPd		2.77
			Pdh	kW	7.0
			PERd	%	111
		B Condition (2°CD-	Cdh (Degradation heating)		1.0
			COPd		4.35

2 Specifications

2 - 1 Specifications

Technical specifications					EHBH08E6V + ERGA08EVH7
Space heating	Average climate water outlet 35°C	B Condition (2°CD-B/1°CWB)	Pdh	kW	4.2
			PERd	%	174
		C Condition (7°CD-B/6°CWB)	Cdh (Degradation heating)		1.0
			COPd		6.49
			Pdh	kW	3.3
			PERd	%	260
		D Condition (12°CD-B/11°CWB)	Cdh (Degradation heating)		1.0
			COPd		8.52
			Pdh	kW	3.9
			PERd	%	341
		Tol (temperature operating limit)	COPd		2.41
			Pdh	kW	6.9
			PERd	%	96
			TOL	°C	-10
			WTOL	°C	35
		Tbiv (bivalent temperature)	COPd		2.66
			Pdh	kW	7.5
			PERd	%	106
			Tbiv	°C	-8
		Rated heat output supplementary capacity	Psup (at Tdesign -10°C)	kW	1.1
	Cold climate water outlet 35°C	General	Annual energy consumption	kWh	5,034
			ηs (Seasonal space heating efficiency)	%	154
			Prated at -22°C	kW	8.0
	Warm climate water outlet	General	Annual energy consumption	kWh	1,437
			ηs (Seasonal space heating efficiency)	%	257
			Prated at 2°C	kW	7.0

(1)Condition 1: cooling Ta 35°C - LWE 18°C (DT = 5°C); heating Ta DB/WB 7°C/6°C - LWC 35°C (DT = 5°C) |
(2)Condition 2: cooling Ta 35°C - LWE 7°C (DT = 5°C); heating Ta DB/WB 7°C/6°C - LWC 45°C (DT = 5°C)

Technical specifications					EHBH08E9W + ERGA08EVH7
Heating capacity	Nom.			kW	7.50 (1) / 7.80 (2)
Power input	Heating	Nom.		kW	1.63 (1) / 2.23 (2)
COP					4.60 (1) / 3.50 (2)
Pump	Nominal ESP unit	Heating		kPa	43.3 (1) / 41.2 (2)
Water side Heat exchanger	Water flow rate	Heating	Nom.	l/min	21.5 (1) / 22.4 (2)
General	Supplier/ Manufacturer details	Name and address			Daikin Europe N.V. - Zandvoordestraat 300, 8400 Oostende, Belgium
		Name or trademark			Daikin Europe N.V.
	Product description	Air-to-water heat pump			Yes
		Brine-to-water heat pump			No
		Heat pump combination heater			No
		Low-temperature heat pump			No
		Supplementary heater integrated			Yes
		Water-to-water heat pump			No
	LW(A) Sound power level (according to EN14825)	dB(A)		dBA	42
LW(A) Sound power level (according to EN14825)	dB(A)			dBA	62
Sound condition Ecodesign and energy label					Sound power in heating mode, measured according to the EN12102 under conditions of the EN14825

2 Specifications

2 - 1 Specifications

Technical specifications					EHBH08E9W + ERGA08EVH7
Space heating general	Air to water unit	Rated airflow (outdoor)		m^3/h	2,770.0
	Other	Capacity control			Inverter
		Pck (Crankcase heater mode)		kW	0.000
		Poff (Off mode)		kW	0.010
		Psb (Standby mode)		kW	0.010
		Pto (Thermostat off)		kW	0.010
	Integrated supplementary heater	Psup		kW	9.0
		Type of energy input			Electrical
Space heating	Average climate water outlet 55°C	General	Annual energy consumption	kWh	4,975
			ηs (Seasonal space heating efficiency)	%	130
			Prated at -10°C	kW	8.0
			Qhe Annual energy consumption (GCV)	Gj	17.9
			SCOP		3.32
			Seasonal space heating eff. class		A++
		A Condition (-7°CD-B/-8°CWB)	Cdh (Degradation heating)		1.0
			COPd		1.96
			Pdh	kW	6.9
			PERd	%	78
		B Condition (2°CD-B/1°CWB)	Cdh (Degradation heating)		1.0
			COPd		3.20

2 Specifications

2 - 1 Specifications

Technical specifications					EHBH08E9W + ERGA08EVH7
Space heating	Average climate water outlet 55°C	B Condition (2°CD-B/1°CWB)	Pdh	kW	4.4
			PERd	%	128
		C Condition (7°CD-B/6°CWB)	Cdh (Degradation heating)		1.0
			COPd		4.64
			Pdh	kW	3.3
			PERd	%	186
		D Condition (12°CD-B/11°CWB)	Cdh (Degradation heating)		1.0
			COPd		6.22
			Pdh	kW	4.1
			PERd	%	249
		Tol (temperature operating limit)	COPd		1.64
			Pdh	kW	7.1
			PERd	%	66
			TOL	°C	-10
			WTOL	°C	55
		Rated heat output supplementary capacity	Psup (at Tdesign -10°C)	kW	0.9
		Tbiv (bivalent temperature)	COPd		1.90
			Pdh	kW	7.5
			PERd	%	76
			Tbiv	°C	-8
	Cold climate water outlet 55°C	General	Annual energy consumption	kWh	6,886
			ηs (Seasonal space heating efficiency)	%	112
			Prated at -22°C	kW	8.0
	Warm climate water outlet 55°C	General	Annual energy consumption	kWh	2,702
			ηs (Seasonal space heating efficiency)	%	157
			Prated at 2°C	kW	8.1
	Average climate water outlet 35°C	General	Annual energy consumption	kWh	3,625
			ηs (Seasonal space heating efficiency)	%	179
			Prated at -10°C	kW	8.0
			Qhe Annual energy consumption (GCV)	Gj	13.1
			SCOP		4.56
			Seasonal space heating eff. class		A+++
		A Condition (-7°CD-B/-8°CWB)	COPd		2.77
			Pdh	kW	7.0
			PERd	%	111
		B Condition (2°CD-B/1°CWB)	Cdh (Degradation heating)		1.0
			COPd		4.35

2 Specifications

2 - 1 Specifications

Technical specifications					EHBH08E9W + ERGA08EVH7
Space heating	Average climate water outlet 35°C	B Condition (2°CD-B/1°CWB)	Pdh	kW	4.2
			PERd	%	174
		C Condition (7°CD-B/6°CWB)	Cdh (Degradation heating)		1.0
			COPd		6.49
			Pdh	kW	3.3
			PERd	%	260
		D Condition (12°CD-B/11°CWB)	Cdh (Degradation heating)		1.0
			COPd		8.52
			Pdh	kW	3.9
			PERd	%	341
		Tol (temperature operating limit)	COPd		2.41
			Pdh	kW	6.9
			PERd	%	96
			TOL	°C	-10
			WTOL	°C	35
		Tbiv (bivalent temperature)	COPd		2.66
			Pdh	kW	7.5
			PERd	%	106
			Tbiv	°C	-8
		Rated heat output supplementary capacity	Psup (at Tdesign -10°C)	kW	1.1
	Cold climate water outlet 35°C	General	Annual energy consumption	kWh	5,034
			ηs (Seasonal space heating efficiency)	%	154
			Prated at -22°C	kW	8.0
	Warm climate water outlet	General	Annual energy consumption	kWh	1,437
			ηs (Seasonal space heating efficiency)	%	257
			Prated at 2°C	kW	7.0

(1)Condition 1: cooling Ta 35°C - LWE 18°C (DT = 5°C); heating Ta DB/WB 7°C/6°C - LWC 35°C (DT = 5°C) |
(2)Condition 2: cooling Ta 35°C - LWE 7°C (DT = 5°C); heating Ta DB/WB 7°C/6°C - LWC 45°C (DT = 5°C)

Technical specifications					EHBX08E6V + ERGA08EVH7
Heating capacity	Nom.			kW	7.50 (1) / 7.80 (2)
Cooling capacity	Nom.			kW	6.25 (1) / 5.44 (2)
Power input	Heating	Nom.		kW	1.63 (1) / 2.23 (2)
	Cooling	Nom.		kW	1.16 (1) / 1.73 (2)
COP					4.60 (1) / 3.50 (2)
EER					5.40 (1) / 3.14 (2)
Pump	Nominal ESP unit	Cooling		kPa	51.1 (1) / 55.1 (2)
		Heating		kPa	43.3 (1) / 41.2 (2)
Water side Heat exchanger	Water flow rate	Cooling	Nom.	l/min	17.9 (1) / 15.6 (2)
		Heating	Nom.	l/min	21.5 (1) / 22.4 (2)
General	Supplier/ Manufacturer details	Name and address			Daikin Europe N.V. - Zandvoordestraat 300, 8400 Oostende, Belgium
		Name or trademark			Daikin Europe N.V.
	Product description	Air-to-water heat pump			Yes
		Brine-to-water heat pump			No
		Heat pump combination heater			No
		Low-temperature heat pump			No
		Supplementary heater integrated			Yes
		Water-to-water heat pump			No
	LW(A) Sound power level (according to EN14825)	dB(A)		dBA	42
LW(A) Sound power level (according to EN14825)	dB(A)			dBA	62
Sound condition Ecodesign and energy label					Sound power in heating mode, measured according to the EN12102 under conditions of the EN14825

2 Specifications

2 - 1 Specifications

Technical specifications					EHBX08E6V + ERGA08EVH7
Space heating general	Air to water unit	Rated airflow (outdoor)		m^3/h	2,770.0
	Other	Capacity control			Inverter
		Pck (Crankcase heater mode)		kW	0.000
		Poff (Off mode)		kW	0.010
		Psb (Standby mode)		kW	0.010
		Pto (Thermostat off)		kW	0.010
	Integrated supplementary heater	Psup		kW	6.0
		Type of energy input			Electrical
Space heating	Average climate water outlet 55°C	General	Annual energy consumption	kWh	4,939
			ηs (Seasonal space heating efficiency)	%	131
			Prated at -10°C	kW	8.0
			Qhe Annual energy consumption (GCV)	Gj	17.8
			SCOP		3.35
			Seasonal space heating eff. class		A++
		A Condition (-7°CD-B/-8°CWB)	Cdh (Degradation heating)		1.0
Space heating	Average climate water outlet 55°C	A Condition (-7°CD-B/-8°CWB)	COPd		1.96
			Pdh	kW	6.9
			PERd	%	78
		B Condition (2°CD-B/1°CWB)	Cdh (Degradation heating)		1.0
			COPd		3.20
			Pdh	kW	4.4
			PERd	%	128
		C Condition (7°CD-B/6°CWB)	Cdh (Degradation heating)		1.0
			COPd		4.64
			Pdh	kW	3.3
			PERd	%	186
		D Condition (12°CD-B/11°CWB)	Cdh (Degradation heating)		1.0
			COPd		6.22
			Pdh	kW	4.1
			PERd	%	249
		Tol (temperature operating limit)	COPd		1.64
			Pdh	kW	7.1
			PERd	%	66
			TOL	°C	-10
			WTOL	°C	55
		Rated heat output supplementary capacity	Psup (at Tdesign -10°C)	kW	0.9
		Tbiv (bivalent tem-	COPd		1.90
			Pdh	kW	7.5
			PERd	%	76
			Tbiv	°C	-8
	Cold climate water outlet 55°C	General	Annual energy consumption	kWh	6,864
			ηs (Seasonal space heating efficiency)	%	112
			Prated at -22°C	kW	8.0
	Warm climate water outlet 55°C	General	Annual energy consumption	kWh	2,658
			ηs (Seasonal space heating efficiency)	%	160
			Prated at 2°C	kW	8.1
	Average climate water outlet 35°C	General	Annual energy consumption	kWh	3,588
			ηs (Seasonal space heating efficiency)	%	181
			Prated at -10°C	kW	8.0
			Qhe Annual energy consumption (GCV)	Gj	12.9
			SCOP		4.61
			Seasonal space heating eff. class		A+++

2 Specifications

2 - 1 Specifications

Technical specifications					EHBX08E6V + ERGA08EVH7
Space heating	Average climate water outlet 35°C	A Condition (-7°CD-B/-8°CWB)	COPd		2.77
			Pdh	kW	7.0
			PERd	%	111
		B Condition (2°CD-B/1°CWB)	Cdh (Degradation heating)		1.0
			COPd		4.35
			Pdh	kW	4.2
			PERd	%	174
		C Condition (7°CD-B/6°CWB)	Cdh (Degradation heating)		1.0
			COPd		6.49
			Pdh	kW	3.3
			PERd	%	260
		D Condition (12°CD-B/11°CWB)	Cdh (Degradation heating)		1.0
			COPd		8.52
			Pdh	kW	3.9
			PERd	%	341
		Tol (temperature operating limit)	COPd		2.41
			Pdh	kW	6.9
			PERd	%	96
			TOL	°C	-10
			WTOL	°C	35
		Tbiv (bivalent temperature)	COPd		2.66
			Pdh	kW	7.5
			PERd	%	106
			Tbiv	°C	-8
		Rated heat output supplementary capacity	Psup (at Tdesign -10°C)	kW	1.1
	Cold climate water outlet 35°C	General	Annual energy consumption	kWh	5,012
			ηs (Seasonal space heating efficiency)	%	154
			Prated at -22°C	kW	8.0
	Warm climate water outlet	General	Annual energy consumption	kWh	1,393
			ηs (Seasonal space heating efficiency)	%	266
			Prated at 2°C	kW	7.0

(1)Condition 1: cooling Ta 35°C - LWE 18°C (DT = 5°C); heating Ta DB/WB 7°C/6°C - LWC 35°C (DT = 5°C) |
(2)Condition 2: cooling Ta 35°C - LWE 7°C (DT = 5°C); heating Ta DB/WB 7°C/6°C - LWC 45°C (DT = 5°C)

Technical specifications				EHBX08E9W + ERGA08EVH7
Heating capacity	Nom.		kW	7.50 (1) / 7.80 (2)
Cooling capacity	Nom.		kW	6.25 (1) / 5.44 (2)
Power input	Heating	Nom.	kW	1.63 (1) / 2.23 (2)
	Cooling	Nom.	kW	1.16 (1) / 1.73 (2)
COP				4.60 (1) / 3.50 (2)
EER				5.40 (1) / 3.14 (2)
Pump	Nominal ESP unit	Cooling	kPa	51.1 (1) / 55.1 (2)
		Heating	kPa	43.3 (1) / 41.2 (2)
Water side Heat exchanger	Water flow rate	Cooling Nom.	l/min	17.9 (1) / 15.6 (2)
		Heating Nom.	l/min	21.5 (1) / 22.4 (2)
General	Supplier/ Manufacturer details	Name and address		Daikin Europe N.V. - Zandvoordestraat 300, 8400 Oostende, Belgium
		Name or trademark		Daikin Europe N.V.
	Product description	Air-to-water heat pump		Yes
		Brine-to-water heat pump		No
		Heat pump combination heater		No
		Low-temperature heat pump		No
		Supplementary heater integrated		Yes
		Water-to-water heat pump		No
	LW(A) Sound power level (according to EN14825)	dB(A)	dBA	42
LW(A) Sound power level (according to EN14825)	dB(A)		dBA	62

2 Specifications

2 - 1 Specifications

Technical specifications					EHBX08E9W + ERGA08EVH7
Sound condition Ecodesign and energy label					Sound power in heating mode, measured according to the EN12102 under conditions of the EN14825
Space heating general	Air to water unit	Rated airflow (outdoor)		m^3/h	2,770.0
	Other	Capacity control			Inverter
		Pck (Crankcase heater mode)		kW	0.000
		Poff (Off mode)		kW	0.010
		Psb (Standby mode)		kW	0.010
		Pto (Thermostat off)		kW	0.010
	Integrated supplementary heater	Psup		kW	9.0
		Type of energy input			Electrical
Space heating	Average climate water outlet 55°C	General	Annual energy consumption	kWh	4,939
			ηs (Seasonal space heating efficiency)	%	131
			Prated at -10°C	kW	8.0
			Qhe Annual energy consumption (GCV)	Gj	17.8
			SCOP		3.35
			Seasonal space heating eff. class		A++
		A Condition (-7°CD-B/-8°CWB)	Cdh (Degradation heating)		1.0

2 Specifications

2 - 1 Specifications

Technical specifications					EHBX08E9W + ERGA08EVH7
Space heating	Average climate water outlet 55°C	A Condition (-7°CD-B/-8°CWB)	COPd		1.96
			Pdh	kW	6.9
			PERd	%	78
		B Condition (2°CD-B/1°CWB)	Cdh (Degradation heating)		1.0
			COPd		3.20
			Pdh	kW	4.4
			PERd	%	128
		C Condition (7°CD-B/6°CWB)	Cdh (Degradation heating)		1.0
			COPd		4.64
			Pdh	kW	3.3
			PERd	%	186
		D Condition (12°CD-B/11°CWB)	Cdh (Degradation heating)		1.0
			COPd		6.22
			Pdh	kW	4.1
			PERd	%	249
		Tol (temperature operating limit)	COPd		1.64
			Pdh	kW	7.1
			PERd	%	66
			TOL	°C	-10
			WTOL	°C	55
		Rated heat output supplementary capacity	Psup (at Tdesign -10°C)	kW	0.9
		Tbiv (bivalent temperature)	COPd		1.90
			Pdh	kW	7.5
			PERd	%	76
			Tbiv	°C	-8
	Cold climate water outlet 55°C	General	Annual energy consumption	kWh	6,864
			ηs (Seasonal space heating efficiency)	%	112
			Prated at -22°C	kW	8.0
	Warm climate water outlet 55°C	General	Annual energy consumption	kWh	2,658
			ηs (Seasonal space heating efficiency)	%	160
			Prated at 2°C	kW	8.1
	Average climate water outlet 35°C	General	Annual energy consumption	kWh	3,588
			ηs (Seasonal space heating efficiency)	%	181
			Prated at -10°C	kW	8.0
			Qhe Annual energy consumption (GCV)	Gj	12.9
			SCOP		4.61
			Seasonal space heating eff. class		A+++

2 Specifications

2 - 1 Specifications

Technical specifications					EHBX08E9W + ERGA08EVH7
Space heating	Average climate water outlet 35°C	A Condition (-7°CD-B/-8°CWB)	COPd		2.77
			Pdh	kW	7.0
			PERd	%	111
		B Condition (2°CD-B/1°CWB)	Cdh (Degradation heating)		1.0
			COPd		4.35
			Pdh	kW	4.2
			PERd	%	174
		C Condition (7°CD-B/6°CWB)	Cdh (Degradation heating)		1.0
			COPd		6.49
			Pdh	kW	3.3
			PERd	%	260
		D Condition (12°CD-B/11°CWB)	Cdh (Degradation heating)		1.0
			COPd		8.52
			Pdh	kW	3.9
			PERd	%	341
		Tol (temperature operating limit)	COPd		2.41
			Pdh	kW	6.9
			PERd	%	96
			TOL	°C	-10
			WTOL	°C	35
		Tbiv (bivalent temperature)	COPd		2.66
			Pdh	kW	7.5
			PERd	%	106
			Tbiv	°C	-8
		Rated heat output supplementary capacity	Psup (at Tdesign -10°C)	kW	1.1
	Cold climate water outlet 35°C	General	Annual energy consumption	kWh	5,012
			ηs (Seasonal space heating efficiency)	%	154
			Prated at -22°C	kW	8.0
	Warm climate water outlet	General	Annual energy consumption	kWh	1,393
			ηs (Seasonal space heating efficiency)	%	266
			Prated at 2°C	kW	7.0

(1)Condition 1: cooling Ta 35°C - LWE 18°C (DT = 5°C); heating Ta DB/WB 7°C/6°C - LWC 35°C (DT = 5°C) |
(2)Condition 2: cooling Ta 35°C - LWE 7°C (DT = 5°C); heating Ta DB/WB 7°C/6°C - LWC 45°C (DT = 5°C)

Technical specifications					EHSH08P30E + ERGA08EVH7	EHSH08P50E + ERGA08EVH7
Indoor unit					EHSH08P30EG	EHSH08P50EG
Outdoor unit					ERGA08EAV3H7	
Heating capacity	Nom.			kW	7.50 (1) / 7.80 (2)	
Power input	Heating	Nom.		kW	1.63 (1) / 2.23 (2)	
COP					4.60 (1) / 3.50 (2)	
Pump	Type				Grundfos UPM4 K 20-75 CHBL FS2	
Water side Heat exchanger	Water flow rate	Heating	Nom.	l/min	21.5 (1) / 22.4 (2)	
General	Supplier/ Manufacturer details	Name and address			Daikin Europe N.V. - Zandvoordestraat 300, 8400 Oostende, Belgium	
		Name or trademark			Daikin Europe N.V.	
	Product description	Air-to-water heat pump			Yes	
		Brine-to-water heat pump			No	
		Heat pump combination heater			Yes	
		Low-temperature heat pump			No	
		Supplementary heater integrated			No	
		Water-to-water heat pump			No	
	LW(A) Sound power level (according to EN14825)	dB(A)		dBA	39	
LW(A) Sound power level (according to EN14825)	dB(A)			dBA	62	
Sound condition Ecodesign and energy label					Sound power in heating mode, measured according to the EN12102 under conditions of the EN14825	

2 Specifications

2 - 1 Specifications

Technical specifications					EHSH08P30E + ERGA08EVH7	EHSH08P50E + ERGA08EVH7
Space heating general	Air to water unit	Rated airflow (outdoor)		m^3/h	2,770	
	Other	Capacity control			Inverter	
		Pck (Crankcase heater mode)		kW	0.000	
		Poff (Off mode)		kW	0.010	
		Psb (Standby mode)		kW	0.010	
		Pto (Thermostat off)		kW	0.010	
Domestic hot water heating	General	Declared load profile			L	XL
		Function to fix water heating during off peak hours			No	
Space heating general	Integrated supplementary heater	Type of energy input			Electrical	
Domestic hot water heating	Average climate	AEC (Annual electricity consumption)		kWh	867	1,336
		COPdhw			2.80	3.06
		Heat up time			1h 34min	2h 41min
		Mixed water at 40°C		l	140.4	227.9
		ηwh (water heating efficiency)		%	118	125
		Qelec (Daily electricity consumption)		kWh	4.172	6.224
		Reference hot water temperature		°C	44.6	
		Stand-by power input		W	40.4	25.3
		Water heating energy efficiency class			A+	
Domestic hot water heating	Cold climate	AEC (Annual electricity consumption)		kWh	1,006	1,493
		COPdhw			2.41	2.75
		Mixed water at 40°C		l	140.0	227.9
		ηwh (water heating efficiency)		%	102	112
		Qelec (Daily electricity consumption)		kWh	4.835	6.944
		Reference hot water temperature		°C	44.4	44.6
		Stand-by power input		W	46.0	26.7
	Warm climate	AEC (Annual electricity consumption)		kWh	716	1,186
		COPdhw			3.38	3.45
		Mixed water at 40°C		l	138.1	227.9
		ηwh (water heating efficiency)		%	143	141
		Qelec (Daily electricity consumption)		kWh	3.447	5.531
		Reference hot water temperature		°C	44.4	44.6
		Stand-by power input		W	33.9	23.7
Space heating	Average climate water outlet 55°C	General	Annual energy consumption	kWh	4,975	
			ηs (Seasonal space heating efficiency)	%	130	
			Prated at -10°C	kW	8.0	
			Qhe Annual energy consumption (GCV)	Gj	18	
			SCOP		3.32	
			Seasonal space heating eff. class		A++	
		A Condition (-7°CD-B/-8°CWB)	Cdh (Degradation heating)		1.0	
			COPd		1.96	
			Pdh	kW	6.9	
			PERd	%	78.4	
		B Condition (2°CD-B/1°CWB)	Cdh (Degradation heating)		1.0	
			COPd		3.20	
			Pdh	kW	4.4	
			PERd	%	128.0	
		C Condition (7°CD-B/6°CWB)	Cdh (Degradation heating)		1.0	
			COPd		4.64	
			Pdh	kW	3.3	
			PERd	%	185.6	
		D Condition (12°CD-B/11°CWB)	Cdh (Degradation heating)		1.0	
			COPd		6.22	
			Pdh	kW	4.1	
			PERd	%	248.8	
		Tol (temperature operating limit)	COPd		1.64	

2 Specifications

2 - 1 Specifications

Technical specifications					EHSH08P30E + ERGA08EVH7	EHSH08P50E + ERGA08EVH7
Space heating	Average climate water outlet 55°C	Tol (temperature operating limit)	Pdh	kW	7.1	
			PERd	%	65.6	
			TOL	°C	-10	
			WTOL	°C	55	
		Rated heat output supplementary capacity	Psup (at Tdesign -10°C)	kW	1.0	
		Tbiv (bivalent tem-	COPd		1.90	
			Pdh	kW	7.5	
			PERd	%	76.0	
			Tbiv	°C	-8	
	Cold climate water outlet 55°C	General	Annual energy consumption	kWh	6,886	
			ηs (Seasonal space heating efficiency)	%	112	
			Prated at -22°C	kW	8.0	
			Qhe Annual energy consumption (GCV)	Gj	25	
	Warm climate water outlet 55°C	General	Annual energy consumption	kWh	2,702	
			ηs (Seasonal space heating efficiency)	%	157	
			Prated at 2°C	kW	8.1	
			Qhe Annual energy consumption (GCV)	Gj	10	
	Average climate water outlet 35°C	General	Annual energy consumption	kWh	3,625	
			ηs (Seasonal space heating efficiency)	%	179	
			Prated at -10°C	kW	8.0	
			Qhe Annual energy consumption (GCV)	Gj	13	
			SCOP		4.56	
			Seasonal space heating eff. class		A+++	
		A Condition (-7°CD-B/-8°CWB)	COPd		2.77	
			Pdh	kW	7.0	
			PERd	%	110.8	
		B Condition (2°CD-B/1°CWB)	Cdh (Degradation heating)		1.0	
			COPd		4.35	
			Pdh	kW	4.2	
			PERd	%	174.0	
		C Condition (7°CD-B/6°CWB)	Cdh (Degradation heating)		1.0	
			COPd		6.49	
			Pdh	kW	3.3	
			PERd	%	259.6	
		D Condition (12°CD-B/11°CWB)	Cdh (Degradation heating)		1.0	
			COPd		8.52	
			Pdh	kW	3.9	

2 Specifications

2 - 1 Specifications

Technical specifications					EHSH08P30E + ERGA08EVH7	EHSH08P50E + ERGA08EVH7
Space heating	Average climate water outlet 35°C	D Condition (12°CD-B/11°CWB)	PERd	%	340.8	
		Tol (temperature operating limit)	COPd		2.41	
			Pdh	kW	6.9	
			PERd	%	96.4	
			TOL	°C	-10	
			WTOL	°C	35	
		Tbiv (bivalent temperature)	COPd		2.66	
			Pdh	kW	7.5	
			PERd	%	106.4	
			Tbiv	°C	-8	
		Rated heat output supplementary capacity	Psup (at Tdesign -10°C)	kW	1.1	
	Cold climate water outlet 35°C	General	Annual energy consumption	kWh	5,034	
			ηs (Seasonal space heating efficiency)	%	154	
			Prated at -22°C	kW	8.0	
			Qhe Annual energy consumption (GCV)	Gj	18	
	Warm climate water outlet 35°C	General	Annual energy consumption	kWh	1,437	
			ηs (Seasonal space heating efficiency)	%	257	
			Prated at 2°C	kW	7.0	
			Qhe Annual energy consumption (GCV)	Gj	5	

(1)Condition 1: cooling Ta 35°C - LWE 18°C (DT = 5°C); heating Ta DB/WB 7°C/6°C - LWC 35°C (DT = 5°C) |
(2)Condition 2: cooling Ta 35°C - LWE 7°C (DT = 5°C); heating Ta DB/WB 7°C/6°C - LWC 45°C (DT = 5°C)

Technical specifications					EHSHB08P30E + ERGA08EVH7	EHSHB08P50E + ERGA08EVH7
Indoor unit					EHSHB08P30EG	EHSHB08P50EG
Outdoor unit					ERGA08EAV3H7	
Heating capacity	Nom.			kW	7.50 (1) / 7.80 (2)	
Power input	Heating	Nom.		kW	1.63 (1) / 2.23 (2)	
COP					4.60 (1) / 3.50 (2)	
Pump	Type				Grundfos UPM4 K 20-75 CHBL FS2	
Water side Heat exchanger	Water flow rate	Heating	Nom.	l/min	21.5 (1) / 22.4 (2)	
General	Supplier/ Manufacturer details	Name and address			Daikin Europe N.V. - Zandvoordestraat 300, 8400 Oostende, Belgium	
		Name or trademark			Daikin Europe N.V.	
	Product description	Air-to-water heat pump			Yes	
		Brine-to-water heat pump			No	
		Heat pump combination heater			Yes	
		Low-temperature heat pump			No	
		Supplementary heater integrated			No	
		Water-to-water heat pump			No	
	LW(A) Sound power level (according to EN14825)	dB(A)		dBA	39	
LW(A) Sound power level (according to EN14825)	dB(A)			dBA	62	
Sound condition Ecodesign and energy label					Sound power in heating mode, measured according to the EN12102 under conditions of the EN14825	
Space heating general	Air to water unit	Rated airflow (outdoor)		m^3/h	2,770	
	Other	Capacity control			Inverter	
		Pck (Crankcase heater mode)		kW	0.000	
		Poff (Off mode)		kW	0.010	
		Psb (Standby mode)		kW	0.010	
		Pto (Thermostat off)		kW	0.010	

2 Specifications

2 - 1 Specifications

Technical specifications					EHSHB08P30E + ERGA08EVH7	EHSHB08P50E + ERGA08EVH7
Domestic hot water heating	General	Declared load profile			L	XL
		Function to fix water heating during off peak hours			No	
Space heating general	Integrated supplementary heater	Type of energy input			Electrical	
Domestic hot water heating	Average climate	AEC (Annual electricity consumption)		kWh	867	1,336
		COPdhw			2.80	3.06
		Heat up time			1h 34min	2h 41min
		Mixed water at 40°C		l	140.4	227.9
		ηwh (water heating efficiency)		%	118	125
		Qelec (Daily electricity consumption)		kWh	4.172	6.224
		Reference hot water temperature		°C	44.6	
		Stand-by power input		W	40.4	25.3
		Water heating energy efficiency class			A+	
Domestic hot water heating	Cold climate	AEC (Annual electricity consumption)		kWh	1,006	1,493
		COPdhw			2.41	2.75
		Mixed water at 40°C		l	140.0	227.9
		ηwh (water heating efficiency)		%	102	112
		Qelec (Daily electricity consumption)		kWh	4.835	6.944
		Reference hot water temperature		°C	44.4	44.6
		Stand-by power input		W	46.0	26.7
	Warm climate	AEC (Annual electricity consumption)		kWh	716	1,186
		COPdhw			3.38	3.45
		Mixed water at 40°C		l	138.1	227.9
		ηwh (water heating efficiency)		%	143	141
		Qelec (Daily electricity consumption)		kWh	3.447	5.531
		Reference hot water temperature		°C	44.4	44.6
		Stand-by power input		W	33.9	23.7
Space heating	Average climate water outlet 55°C	General	Annual energy consumption	kWh	4,975	
			ηs (Seasonal space heating efficiency)	%	130	
			Prated at -10°C	kW	8.0	
			Qhe Annual energy consumption (GCV)	Gj	18	
			SCOP		3.32	
			Seasonal space heating eff. class		A++	
		A Condition (-7°CD-B/-8°CWB)	Cdh (Degradation heating)		1.0	
			COPd		1.96	
			Pdh	kW	6.9	
			PERd	%	78.4	
		B Condition (2°CD-B/1°CWB)	Cdh (Degradation heating)		1.0	
			COPd		3.20	
			Pdh	kW	4.4	
			PERd	%	128.0	
		C Condition (7°CD-B/6°CWB)	Cdh (Degradation heating)		1.0	
			COPd		4.64	
			Pdh	kW	3.3	
			PERd	%	185.6	
		D Condition (12°CD-B/11°CWB)	Cdh (Degradation heating)		1.0	
			COPd		6.22	
			Pdh	kW	4.1	
			PERd	%	248.8	
		Tol (temperature operating limit)	COPd		1.64	

2 Specifications

2 - 1 Specifications

Technical specifications					EHSHB08P30E + ERGA08EVH7	EHSHB08P50E + ERGA08EVH7
Space heating	Average climate water outlet 55°C	Tol (temperature operating limit)	Pdh	kW	7.1	
			PERd	%	65.6	
			TOL	°C	-10	
			WTOL	°C	55	
		Rated heat output supplementary capacity	Psup (at Tdesign -10°C)	kW	1.0	
		Tbiv (bivalent tem-	COPd		1.90	
			Pdh	kW	7.5	
			PERd	%	76.0	
			Tbiv	°C	-8	
	Cold climate water outlet 55°C	General	Annual energy consumption	kWh	6,886	
			ηs (Seasonal space heating efficiency)	%	112	
			Prated at -22°C	kW	8.0	
			Qhe Annual energy consumption (GCV)	Gj	25	
	Warm climate water outlet 55°C	General	Annual energy consumption	kWh	2,702	
			ηs (Seasonal space heating efficiency)	%	157	
			Prated at 2°C	kW	8.1	
			Qhe Annual energy consumption (GCV)	Gj	10	
	Average climate water outlet 35°C	General	Annual energy consumption	kWh	3,625	
			ηs (Seasonal space heating efficiency)	%	179	
			Prated at -10°C	kW	8.0	
			Qhe Annual energy consumption (GCV)	Gj	13	
			SCOP		4.56	
			Seasonal space heating eff. class		A+++	
		A Condition (-7°CD-B/-8°CWB)	COPd		2.77	
			Pdh	kW	7.0	
			PERd	%	110.8	
		B Condition (2°CD-B/1°CWB)	Cdh (Degradation heating)		1.0	
			COPd		4.35	
			Pdh	kW	4.2	
			PERd	%	174.0	
		C Condition (7°CD-B/6°CWB)	Cdh (Degradation heating)		1.0	
			COPd		6.49	
			Pdh	kW	3.3	
			PERd	%	259.6	
		D Condition (12°CD-B/11°CWB)	Cdh (Degradation heating)		1.0	
			COPd		8.52	
			Pdh	kW	3.9	

2 Specifications

2 - 1 Specifications

Technical specifications					EHSHB08P30E + ERGA08EVH7	EHSHB08P50E + ERGA08EVH7
Space heating	Average climate water outlet 35°C	D Condition (12°CD-B/11°CWB)	PERd	%	340.8	
		Tol (temperature operating limit)	COPd		2.41	
			Pdh	kW	6.9	
			PERd	%	96.4	
			TOL	°C	-10	
			WTOL	°C	35	
		Tbiv (bivalent temperature)	COPd		2.66	
			Pdh	kW	7.5	
			PERd	%	106.4	
			Tbiv	°C	-8	
		Rated heat output supplementary capacity	Psup (at Tdesign -10°C)	kW	1.1	
	Cold climate water outlet 35°C	General	Annual energy consumption	kWh	5,034	
			ηs (Seasonal space heating efficiency)	%	154	
			Prated at -22°C	kW	8.0	
			Qhe Annual energy consumption (GCV)	Gj	18	
	Warm climate water outlet 35°C	General	Annual energy consumption	kWh	1,437	
			ηs (Seasonal space heating efficiency)	%	257	
			Prated at 2°C	kW	7.0	
			Qhe Annual energy consumption (GCV)	Gj	5	

(1)Condition 1: cooling Ta 35°C - LWE 18°C (DT = 5°C); heating Ta DB/WB 7°C/6°C - LWC 35°C (DT = 5°C) |
(2)Condition 2: cooling Ta 35°C - LWE 7°C (DT = 5°C); heating Ta DB/WB 7°C/6°C - LWC 45°C (DT = 5°C)

Technical specifications					EHSX08P30E + ERGA08EVH7	EHSX08P50E + ERGA08EVH7
Indoor unit					EHSX08P30EG	EHSX08P50EG
Outdoor unit					ERGA08EAV3H7	
Heating capacity	Nom.			kW	7.50 (1) / 7.80 (2)	
Cooling capacity	Nom.			kW	6.25 (1) / 5.44 (2)	
Power input	Heating	Nom.		kW	1.63 (1) / 2.23 (2)	
	Cooling	Nom.		kW	1.16 (1) / 1.73 (2)	
COP					4.60 (1) / 3.50 (2)	
EER					5.40 (1) / 3.14 (2)	
Pump	Type				Grundfos UPM4 K 20-75 CHBL FS2	
Water side Heat exchanger	Water flow rate	Cooling	Nom.	l/min	17.9 (1) / 15.6 (2)	
		Heating	Nom.	l/min	21.5 (1) / 22.4 (2)	
General	Supplier/ Manufacturer details	Name and address			Daikin Europe N.V. - Zandvoordestraat 300, 8400 Oostende, Belgium	
		Name or trademark			Daikin Europe N.V.	
	Product description	Air-to-water heat pump			Yes	
		Brine-to-water heat pump			No	
		Heat pump combination heater			Yes	
		Low-temperature heat pump			No	
		Supplementary heater integrated			No	
		Water-to-water heat pump			No	
	LW(A) Sound power level (according to EN14825)	dB(A)		dBA	39	
LW(A) Sound power level (according to EN14825)	dB(A)			dBA	62	
Sound condition Ecodesign and energy label					Sound power in heating mode, measured according to the EN12102 under conditions of the EN14825	
Space heating general	Air to water unit	Rated airflow (outdoor)		m^3/h	2,770	
	Other	Capacity control			Inverter	
		Pck (Crankcase heater mode)		kW	0.000	
		Poff (Off mode)		kW	0.010	
		Psb (Standby mode)		kW	0.010	
		Pto (Thermostat off)		kW	0.010	

2 Specifications

2 - 1 Specifications

Technical specifications					EHSX08P30E + ERGA08EVH7	EHSX08P50E + ERGA08EVH7
Domestic hot water heating	General	Declared load profile			L	XL
		Function to fix water heating during off peak hours			No	
Space heating general	Integrated supplementary heater	Type of energy input			Electrical	
Domestic hot water heating	Average climate	AEC (Annual electricity consumption)		kWh	867	1,336
		COPdhw			2.80	3.06
		Heat up time			1h 34min	2h 41min
		Mixed water at 40°C		l	140.4	227.9
		ηwh (water heating efficiency)		%	118	125
Domestic hot water heating	Average climate	Qelec (Daily electricity consumption)		kWh	4.172	6.224
		Reference hot water temperature		°C	44.6	
		Stand-by power input		W	40.4	25.3
		Water heating energy efficiency class			A+	
	Cold climate	AEC (Annual electricity consumption)		kWh	1,006	1,493
		COPdhw			2.41	2.75
		Mixed water at 40°C		l	140.0	227.9
		ηwh (water heating efficiency)		%	102	112
		Qelec (Daily electricity consumption)		kWh	4.835	6.944
		Reference hot water temperature		°C	44.4	44.6
		Stand-by power input		W	46.0	26.7
	Warm climate	AEC (Annual electricity consumption)		kWh	716	1,186
		COPdhw			3.38	3.45
		Mixed water at 40°C		l	138.1	227.9
		ηwh (water heating efficiency)		%	143	141
		Qelec (Daily electricity consumption)		kWh	3.447	5.531
		Reference hot water temperature		°C	44.4	44.6
		Stand-by power input		W	33.9	23.7
Space heating	Average climate water outlet 55°C	General	Annual energy consumption	kWh	4,939	
			ηs (Seasonal space heating efficiency)	%	131	
			Prated at -10°C	kW	8.0	
			Qhe Annual energy consumption (GCV)	Gj	18	
			SCOP		3.35	
			Seasonal space heating eff. class		A++	
		A Condition (-7°CD-B/-8°CWB)	Cdh (Degradation heating)		1.0	
			COPd		1.96	
			Pdh	kW	6.9	
			PERd	%	78.4	
		B Condition (2°CD-B/1°CWB)	Cdh (Degradation heating)		1.0	
			COPd		3.20	
			Pdh	kW	4.4	
			PERd	%	128.0	
		C Condition (7°CD-B/6°CWB)	Cdh (Degradation heating)		1.0	
			COPd		4.64	
			Pdh	kW	3.3	
			PERd	%	185.6	
		D Condition (12°CD-B/11°CWB)	Cdh (Degradation heating)		1.0	

2 Specifications

2 - 1 Specifications

Technical specifications					EHSX08P30E + ERGA08EVH7	EHSX08P50E + ERGA08EVH7
Space heating	Average climate water outlet 55°C	D Condition (12°C DB/11°C WB)	COPd		6.22	
			Pdh	kW	4.1	
			PERd	%	248.8	
		Tol (temperature operating limit)	COPd		1.64	
			Pdh	kW	7.1	
			PERd	%	65.6	
			TOL	°C	-10	
			WTOL	°C	55	
		Rated heat output supplementary capacity	Psup (at Tdesign -10°C)	kW	1.0	
		Tbiv (bivalent temperature)	COPd		1.90	
			Pdh	kW	7.5	
			PERd	%	76.0	
			Tbiv	°C	-8	
	Cold climate water outlet 55°C	General	Annual energy consumption	kWh	6,864	
			ηs (Seasonal space heating efficiency)	%	112	
			Prated at -22°C	kW	8.0	
			Qhe Annual energy consumption (GCV)	Gj	25	
	Warm climate water outlet 55°C	General	Annual energy consumption	kWh	2,658	
			ηs (Seasonal space heating efficiency)	%	159	
			Prated at 2°C	kW	8.1	
			Qhe Annual energy consumption (GCV)	Gj	10	
	Average climate water outlet 35°C	General	Annual energy consumption	kWh	3,588	
			ηs (Seasonal space heating efficiency)	%	181	
			Prated at -10°C	kW	8.0	
			Qhe Annual energy consumption (GCV)	Gj	13	
			SCOP		4.61	
			Seasonal space heating eff. class		A+++	
		A Condition (-7°C DB/-8°C WB)	COPd		2.77	
			Pdh	kW	7.0	
			PERd	%	110.8	
		B Condition (2°C DB/1°C WB)	Cdh (Degradation heating)		1.0	
			COPd		4.35	
			Pdh	kW	4.2	
			PERd	%	174.0	
		C Condition (7°C DB/6°C WB)	Cdh (Degradation heating)		1.0	
			COPd		6.49	
			Pdh	kW	3.3	

2 Specifications

2 - 1 Specifications

Technical specifications					EHSX08P30E + ERGA08EVH7	EHSX08P50E + ERGA08EVH7
Space heating	Average climate water outlet 35°C	C Condition (7°CD-B/6°CWB)	PERd	%	259.6	
		D Condition (12°CD-B/11°CWB)	Cdh (Degradation heating)		1.0	
			COPd		8.52	
			Pdh	kW	3.9	
			PERd	%	340.8	
		Tol (temperature operating limit)	COPd		2.41	
			Pdh	kW	6.9	
			PERd	%	96.4	
			TOL	°C	-10	
			WTOL	°C	35	
		Tbiv (bivalent temperature)	COPd		2.66	
			Pdh	kW	7.5	
			PERd	%	106.4	
			Tbiv	°C	-8	
		Rated heat output supplementary capacity	Psup (at Tdesign -10°C)	kW	1.1	
	Cold climate water outlet 35°C	General	Annual energy consumption	kWh	5,012	
			ηs (Seasonal space heating efficiency)	%	154	
			Prated at -22°C	kW	8.0	
			Qhe Annual energy consumption (GCV)	Gj	18	
	Warm climate water outlet 35°C	General	Annual energy consumption	kWh	1,393	
			ηs (Seasonal space heating efficiency)	%	266	
			Prated at 2°C	kW	7.0	
			Qhe Annual energy consumption (GCV)	Gj	5	

(1)Condition 1: cooling Ta 35°C - LWE 18°C (DT = 5°C); heating Ta DB/WB 7°C/6°C - LWC 35°C (DT = 5°C) |
(2)Condition 2: cooling Ta 35°C - LWE 7°C (DT = 5°C); heating Ta DB/WB 7°C/6°C - LWC 45°C (DT = 5°C)

Technical specifications					EHSXB08P30E + ERGA08EVH7	EHSXB08P50E + ERGA08EVH7
Indoor unit					EHSXB08P30EG	EHSXB08P50EG
Outdoor unit					ERGA08EAV3H7	
Heating capacity	Nom.			kW	7.50 (1) / 7.80 (2)	
Cooling capacity	Nom.			kW	6.25 (1) / 5.44 (2)	
Power input	Heating	Nom.		kW	1.63 (1) / 2.23 (2)	
	Cooling	Nom.		kW	1.16 (1) / 1.73 (2)	
COP					4.60 (1) / 3.50 (2)	
EER					5.40 (1) / 3.14 (2)	
Pump	Type				Grundfos UPM4 K 20-75 CHBL FS2	
Water side Heat exchanger	Water flow rate	Cooling	Nom.	l/min	17.9 (1) / 15.6 (2)	
		Heating	Nom.	l/min	21.5 (1) / 22.4 (2)	
General	Supplier/ Manufacturer details	Name and address			Daikin Europe N.V. - Zandvoordestraat 300, 8400 Oostende, Belgium	
		Name or trademark			Daikin Europe N.V.	
	Product description	Air-to-water heat pump			Yes	
		Brine-to-water heat pump			No	
		Heat pump combination heater			Yes	
		Low-temperature heat pump			No	
		Supplementary heater integrated			No	
		Water-to-water heat pump			No	
	LW(A) Sound power level (according to EN14825)	dB(A)		dBA	39	
LW(A) Sound power level (according to EN14825)	dB(A)			dBA	62	
Sound condition Ecodesign and energy label					Sound power in heating mode, measured according to the EN12102 under conditions of the EN14825	

2 Specifications

2 - 1 Specifications

Technical specifications					EHSXB08P30E + ERGA08EVH7	EHSXB08P50E + ERGA08EVH7
Space heating general	Air to water unit	Rated airflow (outdoor)		m^3/h	2,770	
	Other	Capacity control			Inverter	
		Pck (Crankcase heater mode)		kW	0.000	
		Poff (Off mode)		kW	0.010	
		Psb (Standby mode)		kW	0.010	
		Pto (Thermostat off)		kW	0.010	
Domestic hot water heating	General	Declared load profile			L	XL
		Function to fix water heating during off peak hours			No	
Space heating general	Integrated supplementary heater	Type of energy input			Electrical	
Domestic hot water heating	Average climate	AEC (Annual electricity consumption)		kWh	867	1,336
		COPdhw			2.80	3.06
		Heat up time			1h 34min	2h 41min
		Mixed water at 40°C		l	140.4	227.9
		ηwh (water heating efficiency)		%	118	125
Domestic hot water heating	Average climate	Qelec (Daily electricity consumption)		kWh	4.172	6.224
		Reference hot water temperature		°C	44.6	
		Stand-by power input		W	40.4	25.3
		Water heating energy efficiency class			A+	
	Cold climate	AEC (Annual electricity consumption)		kWh	1,006	1,493
		COPdhw			2.41	2.75
		Mixed water at 40°C		l	140.0	227.9
		ηwh (water heating efficiency)		%	102	112
		Qelec (Daily electricity consumption)		kWh	4.835	6.944
		Reference hot water temperature		°C	44.4	44.6
		Stand-by power input		W	46.0	26.7
	Warm climate	AEC (Annual electricity consumption)		kWh	716	1,186
		COPdhw			3.38	3.45
		Mixed water at 40°C		l	138.1	227.9
		ηwh (water heating efficiency)		%	143	141
		Qelec (Daily electricity consumption)		kWh	3.447	5.531
		Reference hot water temperature		°C	44.4	44.6
		Stand-by power input		W	33.9	23.7
Space heating	Average climate water outlet 55°C	General	Annual energy consumption	kWh	4,939	
			ηs (Seasonal space heating efficiency)	%	131	
			Prated at -10°C	kW	8.0	
			Qhe Annual energy consumption (GCV)	Gj	18	
			SCOP		3.35	
			Seasonal space heating eff. class		A++	
		A Condition (-7°CD-B/-8°CWB)	Cdh (Degradation heating)		1.0	
			COPd		1.96	
			Pdh	kW	6.9	
			PERd	%	78.4	
		B Condition (2°CD-B/1°CWB)	Cdh (Degradation heating)		1.0	
			COPd		3.20	
			Pdh	kW	4.4	
			PERd	%	128.0	
		C Condition (7°CD-B/6°CWB)	Cdh (Degradation heating)		1.0	
			COPd		4.64	
			Pdh	kW	3.3	
			PERd	%	185.6	
		D Condition (12°CD-B/11°CWB)	Cdh (Degradation heating)		1.0	

2 Specifications

2 - 1 Specifications

Technical specifications					EHSXB08P30E + ERGA08EVH7	EHSXB08P50E + ERGA08EVH7
Space heating	Average climate water outlet 55°C	D Condition (12°CD-B/11°CWB)	COPd		6.22	
			Pdh	kW	4.1	
			PERd	%	248.8	
		Tol (temperature operating limit)	COPd		1.64	
			Pdh	kW	7.1	
			PERd	%	65.6	
			TOL	°C	-10	
			WTOL	°C	55	
		Rated heat output supplementary capacity	Psup (at Tdesign -10°C)	kW	1.0	
		Tbiv (bivalent temperature)	COPd		1.90	
			Pdh	kW	7.5	
			PERd	%	76.0	
			Tbiv	°C	-8	
	Cold climate water outlet 55°C	General	Annual energy consumption	kWh	6,864	
			ηs (Seasonal space heating efficiency)	%	112	
			Prated at -22°C	kW	8.0	
			Qhe Annual energy consumption (GCV)	Gj	25	
	Warm climate water outlet 55°C	General	Annual energy consumption	kWh	2,658	
			ηs (Seasonal space heating efficiency)	%	160	
			Prated at 2°C	kW	8.1	
			Qhe Annual energy consumption (GCV)	Gj	10	
	Average climate water outlet 35°C	General	Annual energy consumption	kWh	3,588	
			ηs (Seasonal space heating efficiency)	%	181	
			Prated at -10°C	kW	8.0	
			Qhe Annual energy consumption (GCV)	Gj	13	
			SCOP		4.61	
			Seasonal space heating eff. class		A+++	
		A Condition (-7°CD-B/-8°CWB)	COPd		2.77	
			Pdh	kW	7.0	
			PERd	%	110.8	
		B Condition (2°CD-B/1°CWB)	Cdh (Degradation heating)		1.0	
			COPd		4.35	
			Pdh	kW	4.2	
			PERd	%	174.0	
		C Condition (7°CD-B/6°CWB)	Cdh (Degradation heating)		1.0	
			COPd		6.49	
			Pdh	kW	3.3	
Space heating	Average climate water outlet 35°C	C Condition (7°CD-B/6°CWB)	PERd	%	259.6	
		D Condition (12°CD-B/11°CWB)	Cdh (Degradation heating)		1.0	
			COPd		8.52	
			Pdh	kW	3.9	
			PERd	%	340.8	
		Tol (temperature operating limit)	COPd		2.41	
			Pdh	kW	6.9	
			PERd	%	96.4	
			TOL	°C	-10	
			WTOL	°C	35	
		Tbiv (bivalent temperature)	COPd		2.66	
			Pdh	kW	7.5	
			PERd	%	106.4	
			Tbiv	°C	-8	
		Rated heat output supplementary capacity	Psup (at Tdesign -10°C)	kW	1.1	
	Cold climate water outlet 35°C	General	Annual energy consumption	kWh	5,012	
			ηs (Seasonal space heating efficiency)	%	154	
			Prated at -22°C	kW	8.0	
			Qhe Annual energy consumption (GCV)	Gj	18	
	Warm climate water outlet 35°C	General	Annual energy consumption	kWh	1,393	
			ηs (Seasonal space heating efficiency)	%	266	
			Prated at 2°C	kW	7.0	
			Qhe Annual energy consumption (GCV)	Gj	5	

(1)Condition 1: cooling Ta 35°C - LWE 18°C (DT = 5°C); heating Ta DB/WB 7°C/6°C - LWC 35°C (DT = 5°C) |
(2)Condition 2: cooling Ta 35°C - LWE 7°C (DT = 5°C); heating Ta DB/WB 7°C/6°C - LWC 45°C (DT = 5°C)

2 Specifications

2 - 1 Specifications

Technical specifications				EHVH08S18E6V + ERGA08EVH7	EHVH08S23E6V + ERGA08EVH7
Heating capacity	Nom.		kW	7.50 (1) / 7.80 (2)	
Power input	Heating	Nom.	kW	1.63 (1) / 2.23 (2)	
	Domestic hot water from 10°C to 50°C	Nom.	kWh	2.48	3.01
Heat up time from 10°C to 50°C			hr	1h28min	1h40min
COP				4.60 (1) / 3.50 (2)	
Pump	Nominal ESP unit	Heating	kPa	43.3 (1) / 41.2 (2)	
Water side Heat exchanger	Water flow rate	Heating Nom.	l/min	21.5 (1) / 22.4 (2)	
General	Supplier/ Manufacturer details	Name and address		Daikin Europe N.V. - Zandvoordestraat 300, 8400 Oostende, Belgium	
		Name or trademark		Daikin Europe N.V.	
	Product description	Air-to-water heat pump		Yes	
		Brine-to-water heat pump		No	
		Heat pump combination heater		Yes	
		Low-temperature heat pump		No	
		Supplementary heater integrated		Yes	
		Water-to-water heat pump		No	
	LW(A) Sound power level (according to EN14825)	dB(A)	dBA	42	
LW(A) Sound power level (according to EN14825)	dB(A)		dBA	62	
Sound condition Ecodesign and energy label				Sound power in heating mode, measured according to the EN12102 under conditions of the EN14825	
Space heating general	Air to water unit	Rated airflow (outdoor)	m^3/h	2,770.0	
	Other	Capacity control		Inverter	
		Pck (Crankcase heater mode)	kW	0.000	
		Poff (Off mode)	kW	0.010	
		Psb (Standby mode)	kW	0.010	
		Pto (Thermostat off)	kW	0.010	
Domestic hot water heating	General	Declared load profile		L	XL
		Function to fix water heating during off peak hours		No	
Space heating general	Integrated supplementary heater	Psup	kW	6.0	
		Type of energy input		Electrical	
Domestic hot water heating	Average climate	AEC (Annual electricity consumption)	kWh	820	1,267
		ηwh (water heating efficiency)	%	125	133
		Qelec (Daily electricity consumption)	kWh	3.870	5.900
		Water heating energy efficiency class		A+	
	Cold climate	AEC (Annual electricity consumption)	kWh	951	1,475
		ηwh (water heating efficiency)	%	107	114
		Qelec (Daily electricity consumption)	kWh	4.480	6.860
	Warm climate	AEC (Annual electricity consumption)	kWh	680	1,046
Domestic hot water heating	Warm climate	ηwh (water heating efficiency)	%	151	161
		Qelec (Daily electricity consumption)	kWh	3.220	4.880

2 Specifications

2 - 1 Specifications

Technical specifications					EHVH08S18E6V + ERGA08EVH7	EHVH08S23E6V + ERGA08EVH7
Space heating	Average climate water outlet 55°C	General	Annual energy consumption	kWh	4,975	
			ηs (Seasonal space heating efficiency)	%	130	
			Prated at -10°C	kW	8.0	
			Qhe Annual energy consumption (GCV)	Gj	17.9	
			SCOP		3.32	
			Seasonal space heating eff. class		A++	
		A Condition (-7°CD-B/-8°CWB)	Cdh (Degradation heating)		1.0	
			COPd		1.96	
			Pdh	kW	6.9	
			PERd	%	78	
		B Condition (2°CD-B/1°CWB)	Cdh (Degradation heating)		1.0	
			COPd		3.20	
			Pdh	kW	4.4	
			PERd	%	128	
		C Condition (7°CD-B/6°CWB)	Cdh (Degradation heating)		1.0	
			COPd		4.64	
			Pdh	kW	3.3	
			PERd	%	186	
		D Condition (12°CD-B/11°CWB)	Cdh (Degradation heating)		1.0	
			COPd		6.22	
			Pdh	kW	4.1	
			PERd	%	249	
		Tol (temperature operating limit)	COPd		1.64	
			Pdh	kW	7.1	
			PERd	%	66	
			TOL	°C	-10	
			WTOL	°C	55	
		Rated heat output supplementary capacity	Psup (at Tdesign -10°C)	kW	0.9	
		Tbiv (bivalent tem-	COPd		1.90	
			Pdh	kW	7.5	
			PERd	%	76	
			Tbiv	°C	-8	
	Cold climate water outlet	General	Annual energy consumption	kWh	6,886	
			ηs (Seasonal space heating efficiency)	%	112	
			Prated at -22°C	kW	8.0	

2 Specifications

2 - 1 Specifications

Technical specifications					EHVH08S18E6V + ERGA08EVH7	EHVH08S23E6V + ERGA08EVH7
Space heating	Warm climate water outlet 55°C	General	Annual energy consumption	kWh	2,702	
			ηs (Seasonal space heating efficiency)	%	157	
			Prated at 2°C	kW	8.1	
	Average climate water outlet 35°C	General	Annual energy consumption	kWh	3,625	
			ηs (Seasonal space heating efficiency)	%	179	
			Prated at -10°C	kW	8.0	
			Qhe Annual energy consumption (GCV)	Gj	13.1	
			SCOP		4.56	
			Seasonal space heating eff. class		A+++	
		A Condition (-7°CD-B/-8°CWB)	COPd		2.77	
			Pdh	kW	7.0	
			PERd	%	111	
		B Condition (2°CD-B/1°CWB)	Cdh (Degradation heating)		1.0	
			COPd		4.35	
			Pdh	kW	4.2	
			PERd	%	174	
		C Condition (7°CD-B/6°CWB)	Cdh (Degradation heating)		1.0	
			COPd		6.49	
			Pdh	kW	3.3	
			PERd	%	260	
		D Condition (12°CD-B/11°CWB)	Cdh (Degradation heating)		1.0	
			COPd		8.52	
			Pdh	kW	3.9	
			PERd	%	341	
		Tol (temperature operating limit)	COPd		2.41	
			Pdh	kW	6.9	
			PERd	%	96	
			TOL	°C	-10	
			WTOL	°C	35	
		Tbiv (bivalent temperature)	COPd		2.66	
			Pdh	kW	7.5	
			PERd	%	106	
			Tbiv	°C	-8	
		Rated heat output supplementary capacity	Psup (at Tdesign -10°C)	kW	1.1	
	Cold climate water outlet	General	Annual energy consumption	kWh	5,034	
			ηs (Seasonal space heating efficiency)	%	154	
			Prated at -22°C	kW	8.0	
Space heating	Warm climate water outlet 35°C	General	Annual energy consumption	kWh	1,437	
			ηs (Seasonal space heating efficiency)	%	257	
			Prated at 2°C	kW	7.0	

(1)Condition 1: cooling Ta 35°C - LWE 18°C (DT = 5°C); heating Ta DB/WB 7°C/6°C - LWC 35°C (DT = 5°C) |
(2)Condition 2: cooling Ta 35°C - LWE 7°C (DT = 5°C); heating Ta DB/WB 7°C/6°C - LWC 45°C (DT = 5°C)

Technical specifications				EHVH08S18E9W + ERGA08EVH7	EHVH08S23E9W + ERGA08EVH7
Heating capacity	Nom.		kW	7.50 (1) / 7.80 (2)	
Power input	Heating	Nom.	kW	1.63 (1) / 2.23 (2)	
	Domestic hot water from 10°C to 50°C	Nom.	kWh	2.48	3.01
Heat up time from 10°C to 50°C			hr	1h28min	1h40min
COP				4.60 (1) / 3.50 (2)	
Pump	Nominal ESP unit	Heating	kPa	43.3 (1) / 41.2 (2)	
Water side Heat exchanger	Water flow rate	Heating Nom.	l/min	21.5 (1) / 22.4 (2)	

2 Specifications

2 - 1 Specifications

Technical specifications				EHVH08S18E9W + ERGA08EVH7	EHVH08S23E9W + ERGA08EVH7
General	Supplier/ Manufacturer details	Name and address		Daikin Europe N.V. - Zandvoordestraat 300, 8400 Oostende, Belgium	
		Name or trademark		Daikin Europe N.V.	
	Product description	Air-to-water heat pump		Yes	
		Brine-to-water heat pump		No	
		Heat pump combination heater		Yes	
		Low-temperature heat pump		No	
		Supplementary heater integrated		Yes	
		Water-to-water heat pump		No	
	LW(A) Sound power level (according to EN14825)	dB(A)	dBA	42	
LW(A) Sound power level (according to EN14825)	dB(A)		dBA	62	
Sound condition Ecodesign and energy label				Sound power in heating mode, measured according to the EN12102 under conditions of the EN14825	
Space heating general	Air to water unit	Rated airflow (outdoor)	m^3/h	2,770.0	
	Other	Capacity control		Inverter	
		Pck (Crankcase heater mode)	kW	0.000	
		Poff (Off mode)	kW	0.010	
		Psb (Standby mode)	kW	0.010	
		Pto (Thermostat off)	kW	0.010	
Domestic hot water heating	General	Declared load profile		L	XL
		Function to fix water heating during off peak hours		No	
Space heating general	Integrated supplementary heater	Psup	kW	9.0	
		Type of energy input		Electrical	
Domestic hot water heating	Average climate	AEC (Annual electricity consumption)	kWh	820	1,267
		ηwh (water heating efficiency)	%	125	133
		Qelec (Daily electricity consumption)	kWh	3.870	5.900
		Water heating energy efficiency class		A+	
	Cold climate	AEC (Annual electricity consumption)	kWh	951	1,475
		ηwh (water heating efficiency)	%	107	114
		Qelec (Daily electricity consumption)	kWh	4.480	6.860
	Warm climate	AEC (Annual electricity consumption)	kWh	680	1,046
Domestic hot water heating	Warm climate	ηwh (water heating efficiency)	%	151	161
		Qelec (Daily electricity consumption)	kWh	3.220	4.880

2 Specifications

2 - 1 Specifications

Technical specifications					EHVH08S18E9W + ERGA08EVH7	EHVH08S23E9W + ERGA08EVH7
Space heating	Average climate water outlet 55°C	General	Annual energy consumption	kWh	4,975	
			ηs (Seasonal space heating efficiency)	%	130	
			Prated at -10°C	kW	8.0	
			Qhe Annual energy consumption (GCV)	Gj	17.9	
			SCOP		3.32	
			Seasonal space heating eff. class		A++	
		A Condition (-7°CD-B/-8°CWB)	Cdh (Degradation heating)		1.0	
			COPd		1.96	
			Pdh	kW	6.9	
			PERd	%	78	
		B Condition (2°CD-B/1°CWB)	Cdh (Degradation heating)		1.0	
			COPd		3.20	
			Pdh	kW	4.4	
			PERd	%	128	
		C Condition (7°CD-B/6°CWB)	Cdh (Degradation heating)		1.0	
			COPd		4.64	
			Pdh	kW	3.3	
			PERd	%	186	
		D Condition (12°CD-B/11°CWB)	Cdh (Degradation heating)		1.0	
			COPd		6.22	
			Pdh	kW	4.1	
			PERd	%	249	
		Tol (temperature operating limit)	COPd		1.64	
			Pdh	kW	7.1	
			PERd	%	66	
			TOL	°C	-10	
			WTOL	°C	55	
		Rated heat output supplementary capacity	Psup (at Tdesign -10°C)	kW	0.9	
		Tbiv (bivalent tem-	COPd		1.90	
			Pdh	kW	7.5	
			PERd	%	76	
			Tbiv	°C	-8	
	Cold climate water outlet	General	Annual energy consumption	kWh	6,886	
			ηs (Seasonal space heating efficiency)	%	112	
			Prated at -22°C	kW	8.0	

2 Specifications

2 - 1 Specifications

Technical specifications					EHVH08S18E9W + ERGA08EVH7	EHVH08S23E9W + ERGA08EVH7
Space heating	Warm climate water outlet 55°C	General	Annual energy consumption	kWh	2,702	
			ηs (Seasonal space heating efficiency)	%	157	
			Prated at 2°C	kW	8.1	
	Average climate water outlet 35°C	General	Annual energy consumption	kWh	3,625	
			ηs (Seasonal space heating efficiency)	%	179	
			Prated at -10°C	kW	8.0	
			Qhe Annual energy consumption (GCV)	Gj	13.1	
			SCOP		4.56	
			Seasonal space heating eff. class		A+++	
		A Condition (-7°CD-B/-8°CWB)	COPd		2.77	
			Pdh	kW	7.0	
			PERd	%	111	
		B Condition (2°CD-B/1°CWB)	Cdh (Degradation heating)		1.0	
			COPd		4.35	
			Pdh	kW	4.2	
			PERd	%	174	
		C Condition (7°CD-B/6°CWB)	Cdh (Degradation heating)		1.0	
			COPd		6.49	
			Pdh	kW	3.3	
			PERd	%	260	
		D Condition (12°CD-B/11°CWB)	Cdh (Degradation heating)		1.0	
			COPd		8.52	
			Pdh	kW	3.9	
			PERd	%	341	
		Tol (temperature operating limit)	COPd		2.41	
			Pdh	kW	6.9	
			PERd	%	96	
			TOL	°C	-10	
			WTOL	°C	35	
		Tbiv (bivalent temperature)	COPd		2.66	
			Pdh	kW	7.5	
			PERd	%	106	
			Tbiv	°C	-8	
		Rated heat output supplementary capacity	Psup (at Tdesign -10°C)	kW	1.1	
	Cold climate water outlet 35°C	General	Annual energy consumption	kWh	5,034	
			ηs (Seasonal space heating efficiency)	%	154	
			Prated at -22°C	kW	8.0	
Space heating	Warm climate water outlet 35°C	General	Annual energy consumption	kWh	1,437	
			ηs (Seasonal space heating efficiency)	%	257	
			Prated at 2°C	kW	7.0	

(1)Condition 1: cooling Ta 35°C - LWE 18°C (DT = 5°C); heating Ta DB/WB 7°C/6°C - LWC 35°C (DT = 5°C) |
(2)Condition 2: cooling Ta 35°C - LWE 7°C (DT = 5°C); heating Ta DB/WB 7°C/6°C - LWC 45°C (DT = 5°C)

Technical specifications				EHVX08S18E6V + ERGA08EVH7	EHVX08S23E6V + ERGA08EVH7
Heating capacity	Nom.		kW	7.50 (1) / 7.80 (2)	
Cooling capacity	Nom.		kW	6.25 (1) / 5.44 (2)	
Power input	Heating	Nom.	kW	1.63 (1) / 2.23 (2)	
	Cooling	Nom.	kW	1.16 (1) / 1.73 (2)	
	Domestic hot water from 10°C to 50°C	Nom.	kWh	2.48	3.01
Heat up time from 10°C to 50°C			hr	1h28min	1h40min
COP				4.60 (1) / 3.50 (2)	
EER				5.40 (1) / 3.14 (2)	
Pump	Nominal ESP unit	Cooling	kPa	51.1 (1) / 55.1 (2)	
		Heating	kPa	43.3 (1) / 41.2 (2)	
Water side Heat exchanger	Water flow rate	Cooling Nom.	l/min	17.9 (1) / 15.6 (2)	
		Heating Nom.	l/min	21.5 (1) / 22.4 (2)	

2 Specifications

2 - 1 Specifications

Technical specifications				EHVX08S18E6V + ERGA08EVH7	EHVX08S23E6V + ERGA08EVH7
General	Supplier/ Manufacturer details	Name and address		Daikin Europe N.V. - Zandvoordestraat 300, 8400 Oostende, Belgium	
		Name or trademark		Daikin Europe N.V.	
	Product description	Air-to-water heat pump		Yes	
		Brine-to-water heat pump		No	
		Heat pump combination heater		Yes	
		Low-temperature heat pump		No	
		Supplementary heater integrated		Yes	
		Water-to-water heat pump		No	
	LW(A) Sound power level (according	dB(A)	dBA	42	
LW(A) Sound power level (according to EN14825)	dB(A)		dBA	62	
Sound condition Ecodesign and energy label				Sound power in heating mode, measured according to the EN12102 under conditions of the EN14825	
Space heating general	Air to water unit	Rated airflow (outdoor)	m^3/h	2,770.0	
	Other	Capacity control		Inverter	
		Pck (Crankcase heater mode)	kW	0.000	
		Poff (Off mode)	kW	0.010	
		Psb (Standby mode)	kW	0.010	
		Pto (Thermostat off)	kW	0.010	
Domestic hot water heating	General	Declared load profile		L	XL
		Function to fix water heating during off peak hours		No	
Space heating general	Integrated supplementary heater	Psup	kW	6.0	
		Type of energy input		Electrical	
Domestic hot water heating	Average climate	AEC (Annual electricity consumption)	kWh	820	1,267
		ηwh (water heating efficiency)	%	125	133
		Qelec (Daily electricity consumption)	kWh	3.870	5.900
Domestic hot water heating	Average climate	Water heating energy efficiency class		A+	
	Cold climate	AEC (Annual electricity consumption)	kWh	951	1,475
		ηwh (water heating efficiency)	%	107	114
		Qelec (Daily electricity consumption)	kWh	4.480	6.860
	Warm climate	AEC (Annual electricity consumption)	kWh	680	1,046
		ηwh (water heating efficiency)	%	151	161
		Qelec (Daily electricity consumption)	kWh	3.220	4.880

2 Specifications

2 - 1 Specifications

Technical specifications					EHVX08S18E6V + ERGA08EVH7	EHVX08S23E6V + ERGA08EVH7
Space heating	Average climate water outlet 55°C	General	Annual energy consumption	kWh	4,939	
			ηs (Seasonal space heating efficiency)	%	131	
			Prated at -10°C	kW	8.0	
			Qhe Annual energy consumption (GCV)	Gj	17.8	
			SCOP		3.35	
			Seasonal space heating eff. class		A++	
		A Condition (-7°CD-	Cdh (Degradation heating)		1.0	
			COPd		1.96	
			Pdh	kW	6.9	
			PERd	%	78	
		B Condition (2°CD-	Cdh (Degradation heating)		1.0	
			COPd		3.20	
			Pdh	kW	4.4	
			PERd	%	128	
		C Condition (7°CD-	Cdh (Degradation heating)		1.0	
			COPd		4.64	
			Pdh	kW	3.3	
			PERd	%	186	
		D Condition (12°CD-	Cdh (Degradation heating)		1.0	
			COPd		6.22	
			Pdh	kW	4.1	
			PERd	%	249	
		Tol (temperature operating limit)	COPd		1.64	
			Pdh	kW	7.1	
			PERd	%	66	
			TOL	°C	-10	
			WTOL	°C	55	
		Rated heat output supplementary	Psup (at Tdesign -10°C)	kW	0.9	
		Tbiv (bivalent temperature)	COPd		1.90	
			Pdh	kW	7.5	

2 Specifications

2 - 1 Specifications

Technical specifications					EHVX08S18E6V + ERGA08EVH7	EHVX08S23E6V + ERGA08EVH7
Space heating	Average climate water outlet 55°C	Tbiv (bivalent temperature)	PERd	%	76	
			Tbiv	°C	-8	
	Cold climate water outlet 55°C	General	Annual energy consumption	kWh	6,864	
			ηs (Seasonal space heating efficiency)	%	112	
			Prated at -22°C	kW	8.0	
	Warm climate water outlet 55°C	General	Annual energy consumption	kWh	2,658	
			ηs (Seasonal space heating efficiency)	%	160	
			Prated at 2°C	kW	8.1	
	Average climate water outlet 35°C	General	Annual energy consumption	kWh	3,588	
			ηs (Seasonal space heating efficiency)	%	181	
			Prated at -10°C	kW	8.0	
			Qhe Annual energy consumption (GCV)	Gj	12.9	
			SCOP		4.61	
			Seasonal space heating eff. class		A+++	
		A Condition (-7°C	COPd		2.77	
			Pdh	kW	7.0	
			PERd	%	111	
		B Condition (2°C	Cdh (Degradation heating)		1.0	
			COPd		4.35	
			Pdh	kW	4.2	
			PERd	%	174	
		C Condition (7°C	Cdh (Degradation heating)		1.0	
			COPd		6.49	
			Pdh	kW	3.3	
			PERd	%	260	
		D Condition (12°C	Cdh (Degradation heating)		1.0	
			COPd		8.52	
			Pdh	kW	3.9	
			PERd	%	341	
		Tol (temperature operating limit)	COPd		2.41	
			Pdh	kW	6.9	
			PERd	%	96	
			TOL	°C	-10	
			WTOL	°C	35	
		Tbiv (bivalent temperature)	COPd		2.66	
			Pdh	kW	7.5	
			PERd	%	106	
Space heating	Average climate water outlet 35°C	Tbiv (bivalent temperature)	Tbiv	°C	-8	
		Rated heat output supplementary	Psup (at Tdesign -10°C)	kW	1.1	
	Cold climate water outlet 35°C	General	Annual energy consumption	kWh	5,012	
			ηs (Seasonal space heating efficiency)	%	154	
			Prated at -22°C	kW	8.0	
	Warm climate water outlet 35°C	General	Annual energy consumption	kWh	1,393	
			ηs (Seasonal space heating efficiency)	%	266	
			Prated at 2°C	kW	7.0	

2 Specifications

2 - 1 Specifications

(1)Condition 1: cooling Ta 35°C - LWE 18°C (DT = 5°C); heating Ta DB/WB 7°C/6°C - LWC 35°C (DT = 5°C) |
(2)Condition 2: cooling Ta 35°C - LWE 7°C (DT = 5°C); heating Ta DB/WB 7°C/6°C - LWC 45°C (DT = 5°C)

Technical specifications				EHVX08S18E9W + ERGA08EVH7	EHVX08S23E9W + ERGA08EVH7
Heating capacity	Nom.		kW	7.50 (1) / 7.80 (2)	
Cooling capacity	Nom.		kW	6.25 (1) / 5.44 (2)	
Power input	Heating	Nom.	kW	1.63 (1) / 2.23 (2)	
	Cooling	Nom.	kW	1.16 (1) / 1.73 (2)	
	Domestic hot water from 10°C to 50°C	Nom.	kWh	2.48	3.01
Heat up time from 10°C to 50°C			hr	1h28min	1h40min
COP				4.60 (1) / 3.50 (2)	
EER				5.40 (1) / 3.14 (2)	
Pump	Nominal ESP unit	Cooling	kPa	51.1 (1) / 55.1 (2)	
		Heating	kPa	43.3 (1) / 41.2 (2)	
Water side Heat exchanger	Water flow rate	Cooling Nom.	l/min	17.9 (1) / 15.6 (2)	
		Heating Nom.	l/min	21.5 (1) / 22.4 (2)	
General	Supplier/ Manufacturer details	Name and address		Daikin Europe N.V. - Zandvoordestraat 300, 8400 Oostende, Belgium	
		Name or trademark		Daikin Europe N.V.	
	Product description	Air-to-water heat pump		Yes	
		Brine-to-water heat pump		No	
		Heat pump combination heater		Yes	
		Low-temperature heat pump		No	
		Supplementary heater integrated		Yes	
		Water-to-water heat pump		No	
	LW(A) Sound power level (according	dB(A)	dBA	42	
LW(A) Sound power level (according to EN14825)	dB(A)		dBA	62	
Sound condition Ecodesign and energy label				Sound power in heating mode, measured according to the EN12102 under conditions of the EN14825	
Space heating general	Air to water unit	Rated airflow (outdoor)	m^3/h	2,770.0	
	Other	Capacity control		Inverter	
		Pck (Crankcase heater mode)	kW	0.000	
		Poff (Off mode)	kW	0.010	
		Psb (Standby mode)	kW	0.010	
		Pto (Thermostat off)	kW	0.010	
Domestic hot water heating	General	Declared load profile		L	XL
		Function to fix water heating during off peak hours		No	
Space heating general	Integrated supplementary heater	Psup	kW	9.0	
		Type of energy input		Electrical	
Domestic hot water heating	Average climate	AEC (Annual electricity consumption)	kWh	820	1,267
		ηwh (water heating efficiency)	%	125	133
		Qelec (Daily electricity consumption)	kWh	3.870	5.900
Domestic hot water heating	Average climate	Water heating energy efficiency class		A+	
	Cold climate	AEC (Annual electricity consumption)	kWh	951	1,475
		ηwh (water heating efficiency)	%	107	114
		Qelec (Daily electricity consumption)	kWh	4.480	6.860
	Warm climate	AEC (Annual electricity consumption)	kWh	680	1,046
		ηwh (water heating efficiency)	%	151	161
		Qelec (Daily electricity consumption)	kWh	3.220	4.880

2 Specifications

2 - 1 Specifications

Technical specifications					EHVX08S18E9W + ERGA08EVH7	EHVX08S23E9W + ERGA08EVH7
Space heating	Average climate water outlet 55°C	General	Annual energy consumption	kWh	4,939	
			ηs (Seasonal space heating efficiency)	%	131	
			Prated at -10°C	kW	8.0	
			Qhe Annual energy consumption (GCV)	Gj	17.8	
			SCOP		3.35	
			Seasonal space heating eff. class		A++	
		A Condition (-7°CD-	Cdh (Degradation heating)		1.0	
			COPd		1.96	
			Pdh	kW	6.9	
			PERd	%	78	
		B Condition (2°CD-	Cdh (Degradation heating)		1.0	
			COPd		3.20	
			Pdh	kW	4.4	
			PERd	%	128	
		C Condition (7°CD-	Cdh (Degradation heating)		1.0	
			COPd		4.64	
			Pdh	kW	3.3	
			PERd	%	186	
		D Condition (12°CD-	Cdh (Degradation heating)		1.0	
			COPd		6.22	
			Pdh	kW	4.1	
			PERd	%	249	
		Tol (temperature operating limit)	COPd		1.64	
			Pdh	kW	7.1	
			PERd	%	66	
			TOL	°C	-10	
			WTOL	°C	55	
		Rated heat output supplementary	Psup (at Tdesign -10°C)	kW	0.9	
		Tbiv (bivalent temperature)	COPd		1.90	
			Pdh	kW	7.5	

2 Specifications

2 - 1 Specifications

Technical specifications					EHVX08S18E9W + ERGA08EVH7	EHVX08S23E9W + ERGA08EVH7
Space heating	Average climate water outlet 55°C	Tbiv (bivalent temperature)	PERd	%	76	
			Tbiv	°C	-8	
	Cold climate water outlet 55°C	General	Annual energy consumption	kWh	6,864	
			ηs (Seasonal space heating efficiency)	%	112	
			Prated at -22°C	kW	8.0	
	Warm climate water outlet 55°C	General	Annual energy consumption	kWh	2,658	
			ηs (Seasonal space heating efficiency)	%	160	
			Prated at 2°C	kW	8.1	
	Average climate water outlet 35°C	General	Annual energy consumption	kWh	3,588	
			ηs (Seasonal space heating efficiency)	%	181	
			Prated at -10°C	kW	8.0	
			Qhe Annual energy consumption (GCV)	Gj	12.9	
			SCOP		4.61	
			Seasonal space heating eff. class		A+++	
		A Condition (-7°CD-	COPd		2.77	
			Pdh	kW	7.0	
			PERd	%	111	
		B Condition (2°CD-	Cdh (Degradation heating)		1.0	
			COPd		4.35	
			Pdh	kW	4.2	
			PERd	%	174	
		C Condition (7°CD-	Cdh (Degradation heating)		1.0	
			COPd		6.49	
			Pdh	kW	3.3	
			PERd	%	260	
		D Condition (12°CD-	Cdh (Degradation heating)		1.0	
			COPd		8.52	
			Pdh	kW	3.9	
			PERd	%	341	
		Tol (temperature operating limit)	COPd		2.41	
			Pdh	kW	6.9	
			PERd	%	96	
			TOL	°C	-10	
			WTOL	°C	35	
		Tbiv (bivalent temperature)	COPd		2.66	
			Pdh	kW	7.5	
			PERd	%	106	
Space heating	Average climate water outlet 35°C	Tbiv (bivalent temperature)	Tbiv	°C	-8	
		Rated heat output supplementary	Psup (at Tdesign -10°C)	kW	1.1	
	Cold climate water outlet 35°C	General	Annual energy consumption	kWh	5,012	
			ηs (Seasonal space heating efficiency)	%	154	
			Prated at -22°C	kW	8.0	
	Warm climate water outlet 35°C	General	Annual energy consumption	kWh	1,393	
			ηs (Seasonal space heating efficiency)	%	266	
			Prated at 2°C	kW	7.0	

2 Specifications

2 - 1 Specifications

(1)Condition 1: cooling Ta 35°C - LWE 18°C (DT = 5°C); heating Ta DB/WB 7°C/6°C - LWC 35°C (DT = 5°C) |
(2)Condition 2: cooling Ta 35°C - LWE 7°C (DT = 5°C); heating Ta DB/WB 7°C/6°C - LWC 45°C (DT = 5°C)

Technical specifications				EHVZ08S18E6V + ERGA08EVH7	EHVZ08S23E6V + ERGA08EVH7
Heating capacity	Nom.		kW	7.50 (1) / 7.80 (2)	
Power input	Heating	Nom.	kW	1.63 (1) / 2.23 (2)	
	Domestic hot water from 10°C to 50°C	Nom.	kWh	2.48	3.01
Heat up time from 10°C to 50°C			hr	1h28min	1h40min
COP				4.60 (1) / 3.50 (2)	
Pump	Nominal ESP unit	Heating	kPa	43.3 (1) / 41.2 (2)	
Water side Heat exchanger	Water flow rate	Heating Nom.	l/min	21.5 (1) / 22.4 (2)	
General	Supplier/ Manufacturer details	Name and address		Daikin Europe N.V. - Zandvoordestraat 300, 8400 Oostende, Belgium	
		Name or trademark		Daikin Europe N.V.	
	Product description	Air-to-water heat pump		Yes	
		Brine-to-water heat pump		No	
		Heat pump combination heater		Yes	
		Low-temperature heat pump		No	
		Supplementary heater integrated		Yes	
		Water-to-water heat pump		No	
	LW(A) Sound power level (according	dB(A)	dBA	42	
LW(A) Sound power level (according to EN14825)	dB(A)		dBA	62	
Sound condition Ecodesign and energy label				Sound power in heating mode, measured according to the EN12102 under conditions of the EN14825	
Space heating general	Air to water unit	Rated airflow (outdoor)	m^3/h	2,770.0	
	Other	Capacity control		Inverter	
		Pck (Crankcase heater mode)	kW	0.000	
		Poff (Off mode)	kW	0.010	
		Psb (Standby mode)	kW	0.010	
		Pto (Thermostat off)	kW	0.010	
Domestic hot water heating	General	Declared load profile		L	XL
		Function to fix water heating during off peak hours		No	
Space heating general	Integrated supplementary heater	Psup	kW	6.0	
		Type of energy input		Electrical	
Domestic hot water heating	Average climate	AEC (Annual electricity consumption)	kWh	820	1,267
		ηwh (water heating efficiency)	%	125	133
		Qelec (Daily electricity consumption)	kWh	3.870	5.900
		Water heating energy efficiency class		A+	
	Cold climate	AEC (Annual electricity consumption)	kWh	951	1,475
		ηwh (water heating efficiency)	%	107	114
		Qelec (Daily electricity consumption)	kWh	4.480	6.860
	Warm climate	AEC (Annual electricity consumption)	kWh	680	1,046
Domestic hot water heating	Warm climate	ηwh (water heating efficiency)	%	151	161
		Qelec (Daily electricity consumption)	kWh	3.220	4.880

2 Specifications

2 - 1 Specifications

Technical specifications					EHVZ08S18E6V + ERGA08EVH7	EHVZ08S23E6V + ERGA08EVH7
Space heating	Average climate water outlet 55°C	General	Annual energy consumption	kWh	4,975	
			ηs (Seasonal space heating efficiency)	%	130	
			Prated at -10°C	kW	8.0	
			Qhe Annual energy consumption (GCV)	Gj	17.9	
			SCOP		3.32	
			Seasonal space heating eff. class		A++	
		A Condition (-7°CD-	Cdh (Degradation heating)		1.0	
			COPd		1.96	
			Pdh	kW	6.9	
			PERd	%	78	
		B Condition (2°CD-	Cdh (Degradation heating)		1.0	
			COPd		3.20	
			Pdh	kW	4.4	
			PERd	%	128	
		C Condition (7°CD-	Cdh (Degradation heating)		1.0	
			COPd		4.64	
			Pdh	kW	3.3	
			PERd	%	186	
		D Condition (12°CD-	Cdh (Degradation heating)		1.0	
			COPd		6.22	
			Pdh	kW	4.1	
			PERd	%	249	
		Tol (temperature operating limit)	COPd		1.64	
			Pdh	kW	7.1	
			PERd	%	66	
			TOL	°C	-10	
			WTOL	°C	55	
		Rated heat output supplementary	Psup (at Tdesign -10°C)	kW	0.9	
		Tbiv (bivalent temperature)	COPd		1.90	
			Pdh	kW	7.5	
			PERd	%	76	
			Tbiv	°C	-8	
	Cold climate water outlet 55°C	General	Annual energy consumption	kWh	6,886	
			ηs (Seasonal space heating efficiency)	%	112	
			Prated at -22°C	kW	8.0	

2 Specifications

2 - 1 Specifications

Technical specifications					EHVZ08S18E6V + ERGA08EVH7	EHVZ08S23E6V + ERGA08EVH7
Space heating	Warm climate water outlet 55°C	General	Annual energy consumption	kWh	2,702	
			ηs (Seasonal space heating efficiency)	%	157	
			Prated at 2°C	kW	8.1	
	Average climate water outlet 35°C	General	Annual energy consumption	kWh	3,625	
			ηs (Seasonal space heating efficiency)	%	179	
			Prated at -10°C	kW	8.0	
			Qhe Annual energy consumption (GCV)	Gj	13.1	
			SCOP		4.56	
			Seasonal space heating eff. class		A+++	
		A Condition (-7°CD-	COPd		2.77	
			Pdh	kW	7.0	
			PERd	%	111	
		B Condition (2°CD-	Cdh (Degradation heating)		1.0	
			COPd		4.35	
			Pdh	kW	4.2	
			PERd	%	174	
		C Condition (7°CD-	Cdh (Degradation heating)		1.0	
			COPd		6.49	
			Pdh	kW	3.3	
			PERd	%	260	
		D Condition (12°CD-	Cdh (Degradation heating)		1.0	
			COPd		8.52	
			Pdh	kW	3.9	
			PERd	%	341	
		Tol (temperature operating limit)	COPd		2.41	
			Pdh	kW	6.9	
			PERd	%	96	
			TOL	°C	-10	
			WTOL	°C	35	
		Tbiv (bivalent temperature)	COPd		2.66	
			Pdh	kW	7.5	
			PERd	%	106	
			Tbiv	°C	-8	
		Rated heat output supplementary	Psup (at Tdesign -10°C)	kW	1.1	
	Cold climate water outlet 35°C	General	Annual energy consumption	kWh	5,034	
			ηs (Seasonal space heating efficiency)	%	154	
			Prated at -22°C	kW	8.0	
Space heating	Warm climate water outlet 35°C	General	Annual energy consumption	kWh	1,437	
			ηs (Seasonal space heating efficiency)	%	257	
			Prated at 2°C	kW	7.0	

(1)Condition 1: cooling Ta 35°C - LWE 18°C (DT = 5°C); heating Ta DB/WB 7°C/6°C - LWC 35°C (DT = 5°C) |
(2)Condition 2: cooling Ta 35°C - LWE 7°C (DT = 5°C); heating Ta DB/WB 7°C/6°C - LWC 45°C (DT = 5°C)

Technical specifications				EHVZ08S18E9W + ERGA08EVH7	EHVZ08S23E9W + ERGA08EVH7
Heating capacity	Nom.		kW	7.50 (1) / 7.80 (2)	
Power input	Heating	Nom.	kW	1.63 (1) / 2.23 (2)	
	Domestic hot water from 10°C to 50°C	Nom.	kWh	2.48	3.01
Heat up time from 10°C to 50°C			hr	1h28min	1h40min
COP				4.60 (1) / 3.50 (2)	
Pump	Nominal ESP unit	Heating	kPa	43.3 (1) / 41.2 (2)	

2 Specifications

2 - 1 Specifications

Technical specifications				EHVZ08S18E9W + ERGA08EVH7	EHVZ08S23E9W + ERGA08EVH7
Water side Heat exchanger	Water flow rate	Heating Nom.	l/min	21.5 (1) / 22.4 (2)	
General	Supplier/ Manufacturer details	Name and address		Daikin Europe N.V. - Zandvoordestraat 300, 8400 Oostende, Belgium	
		Name or trademark		Daikin Europe N.V.	
	Product description	Air-to-water heat pump		Yes	
		Brine-to-water heat pump		No	
		Heat pump combination heater		Yes	
		Low-temperature heat pump		No	
		Supplementary heater integrated		Yes	
		Water-to-water heat pump		No	
	LW(A) Sound power level (according	dB(A)	dBA	42	
LW(A) Sound power level (according to EN14825)	dB(A)		dBA	62	
Sound condition Ecodesign and energy label				Sound power in heating mode, measured according to the EN12102 under conditions of the EN14825	
Space heating general	Air to water unit	Rated airflow (outdoor)	m^3/h	2,770.0	
	Other	Capacity control		Inverter	
		Pck (Crankcase heater mode)	kW	0.000	
		Poff (Off mode)	kW	0.010	
		Psb (Standby mode)	kW	0.010	
		Pto (Thermostat off)	kW	0.010	
Domestic hot water heating	General	Declared load profile		L	XL
		Function to fix water heating during off peak hours		No	
Space heating general	Integrated supplementary heater	Psup	kW	9.0	
		Type of energy input		Electrical	
Domestic hot water heating	Average climate	AEC (Annual electricity consumption)	kWh	820	1,267
		ηwh (water heating efficiency)	%	125	133
		Qelec (Daily electricity consumption)	kWh	3.870	5.900
		Water heating energy efficiency class		A+	
	Cold climate	AEC (Annual electricity consumption)	kWh	951	1,475
		ηwh (water heating efficiency)	%	107	114
		Qelec (Daily electricity consumption)	kWh	4.480	6.860
	Warm climate	AEC (Annual electricity consumption)	kWh	680	1,046
Domestic hot water heating	Warm climate	ηwh (water heating efficiency)	%	151	161
		Qelec (Daily electricity consumption)	kWh	3.220	4.880

2 Specifications

2 - 1 Specifications

Technical specifications					EHVZ08S18E9W + ERGA08EVH7	EHVZ08S23E9W + ERGA08EVH7
Space heating	Average climate water outlet 55°C	General	Annual energy consumption	kWh	4,975	
			ηs (Seasonal space heating efficiency)	%	130	
			Prated at -10°C	kW	8.0	
			Qhe Annual energy consumption (GCV)	Gj	17.9	
			SCOP		3.32	
			Seasonal space heating eff. class		A++	
		A Condition (-7°CD-	Cdh (Degradation heating)		1.0	
			COPd		1.96	
			Pdh	kW	6.9	
			PERd	%	78	
		B Condition (2°CD-	Cdh (Degradation heating)		1.0	
			COPd		3.20	
			Pdh	kW	4.4	
			PERd	%	128	
		C Condition (7°CD-	Cdh (Degradation heating)		1.0	
			COPd		4.64	
			Pdh	kW	3.3	
			PERd	%	186	
		D Condition (12°CD-	Cdh (Degradation heating)		1.0	
			COPd		6.22	
			Pdh	kW	4.1	
			PERd	%	249	
		Tol (temperature operating limit)	COPd		1.64	
			Pdh	kW	7.1	
			PERd	%	66	
			TOL	°C	-10	
			WTOL	°C	55	
		Rated heat output supplementary	Psup (at Tdesign -10°C)	kW	0.9	
		Tbiv (bivalent temperature)	COPd		1.90	
			Pdh	kW	7.5	
			PERd	%	76	
			Tbiv	°C	-8	
	Cold climate water outlet 55°C	General	Annual energy consumption	kWh	6,886	
			ηs (Seasonal space heating efficiency)	%	112	
			Prated at -22°C	kW	8.0	

2 Specifications

2 - 1 Specifications

Technical specifications					EHVZ08S18E9W + ERGA08EVH7	EHVZ08S23E9W + ERGA08EVH7
Space heating	Warm climate water outlet 55°C	General	Annual energy consumption	kWh	2,702	
			ηs (Seasonal space heating efficiency)	%	157	
			Prated at 2°C	kW	8.1	
	Average climate water outlet 35°C	General	Annual energy consumption	kWh	3,625	
			ηs (Seasonal space heating efficiency)	%	179	
			Prated at -10°C	kW	8.0	
			Qhe Annual energy consumption (GCV)	Gj	13.1	
			SCOP		4.56	
			Seasonal space heating eff. class		A+++	
		A Condition (-7°CD-	COPd		2.77	
			Pdh	kW	7.0	
			PERd	%	111	
		B Condition (2°CD-	Cdh (Degradation heating)		1.0	
			COPd		4.35	
			Pdh	kW	4.2	
			PERd	%	174	
		C Condition (7°CD-	Cdh (Degradation heating)		1.0	
			COPd		6.49	
			Pdh	kW	3.3	
			PERd	%	260	
		D Condition (12°CD-	Cdh (Degradation heating)		1.0	
			COPd		8.52	
			Pdh	kW	3.9	
			PERd	%	341	
		Tol (temperature operating limit)	COPd		2.41	
			Pdh	kW	6.9	
			PERd	%	96	
			TOL	°C	-10	
			WTOL	°C	35	
		Tbiv (bivalent temperature)	COPd		2.66	
			Pdh	kW	7.5	
			PERd	%	106	
			Tbiv	°C	-8	
		Rated heat output supplementary	Psup (at Tdesign -10°C)	kW	1.1	
	Cold climate water outlet 35°C	General	Annual energy consumption	kWh	5,034	
			ηs (Seasonal space heating efficiency)	%	154	
			Prated at -22°C	kW	8.0	
Space heating	Warm climate water outlet 35°C	General	Annual energy consumption	kWh	1,437	
			ηs (Seasonal space heating efficiency)	%	257	
			Prated at 2°C	kW	7.0	

(1)Condition 1: cooling Ta 35°C - LWE 18°C (DT = 5°C); heating Ta DB/WB 7°C/6°C - LWC 35°C (DT = 5°C) |
(2)Condition 2: cooling Ta 35°C - LWE 7°C (DT = 5°C); heating Ta DB/WB 7°C/6°C - LWC 45°C (DT = 5°C)

Technical Specifications				ERGA04EV
Casing	Colour			Ivory white
	Material			Polyester painted galvanised steel plate
Dimensions	Unit	Height	mm	740
		Width	mm	884
		Depth	mm	388
	Packed unit	Height	mm	815
		Width	mm	1,043
		Depth	mm	478
Weight	Unit		kg	58.5
	Packed unit		kg	60
Packing	Material			Cardboard / EPS
	Weight		kg	4.3

2 Specifications

2 - 1 Specifications

Technical Specifications					ERGA04EV
Heat exchanger	Length			mm	920
	Rows	Quantity			2
	Fin pitch			mm	1.40
	Passes	Quantity			32
	Face area			m^2	0.658
	Tube type				ø7 Hi-XA
	Fin	Type			Aluminium
		Treatment			Anti-corrosion Hydrophilic
Fan	Type				Propeller fan
	Quantity				1
	Discharge direction				Horizontal
Fan motor	Quantity				1
	Model				KFD-325-77-10A
	Output			W	77
	Speed	Heating	Nom.	rpm	620
		Cooling	Nom.	rpm	780
Compressor	Quantity				1
	Model				2YC71EXD#C
	Type				Hermetically sealed swing compressor
PED	Category				Category II
Operation range	Heating	Min.		°CDB	-25
		Max.		°CDB	25
	Cooling	Min.		°CDB	10
		Max.		°CDB	43
Operation range	Domestic hot water	Max.		°CDB	35
		Min.		°CDB	-25
PED	Most critical part	Ps*V		Bar*l	110.4
Sound power level	Heating	Nom.		dBA	58 (1)
	Cooling	Nom.		dBA	61 (1)
Sound pressure level	Heating	Nom.		dBA	44 (1)
	Cooling	Nom.		dBA	48 (1)
Refrigerant	Type				R-32
	GWP				675.0
	Charge			kg	1.50
	Control				Expansion valve
	Circuits	Quantity			1
Refrigerant oil	Type				FW68DA
	Charged volume			l	0.9
Piping connections	Liquid	Quantity			1
		Type			Flare connection
		OD		mm	6
	Gas	Quantity			1
		Type			Flare connection
		OD		mm	15.9
	Drain	Quantity			2
		Type			Hole
		OD		mm	18
	Piping length	OU - IU	Min.	m	3
			Max.	m	30
		System	Chargeless	m	10
	High pressure side	Design pressure		bar	46
	Additional refrigerant charge			kg/m	0.02 (for piping length exceeding 10m)
	Level difference	IU - OU	Max.	m	20.0
	Heat insulation				Both liquid and gas pipes
Defrost method					Reversed cycle
Defrost control					Sensor for outdoor heat exchanger temperature
Safety devices	Item	01			High pressure switch

Electrical Specifications				ERGA04EV
Power supply	Name			V3
	Phase			1N~
	Frequency		Hz	50
	Voltage		V	230
	Voltage range	Min.	%	-10
		Max.	%	10

2 Specifications

2 - 1 Specifications

Electrical Specifications					ERGA04EV
Current	Maximum running current	Heating		A	19.9
	Recommended fuses			A	20
	Inverter modulation	Min.		%	35
Wiring connections	For power supply	Quantity			3
		Remark			4mm²
	For connection with indoor	Quantity			4
		Remark			1,5mm²
IP class	IP				IPX4

(1)Cooling Ta 35°C - LWE 18°C (DT = 5°C); Heating Ta DB/WB 7°C/6°C - LWC 35°C (DT = 5°C)

Technical Specifications					ERGA06EVH
Casing	Colour				Ivory white
	Material				Polyester painted galvanised steel plate
Dimensions	Unit	Height		mm	740
		Width		mm	884
		Depth		mm	388
	Packed unit	Height		mm	815
		Width		mm	1,043
		Depth		mm	478
Weight	Unit			kg	58.5
	Packed unit			kg	60
Packing	Material				Cardboard / EPS
	Weight			kg	4.3
Heat exchanger	Length			mm	920
	Rows	Quantity			2
	Fin pitch			mm	1.40
	Passes	Quantity			32
	Face area			m²	0.658
	Tube type				ø7 Hi-XA
	Fin	Type			Aluminium
		Treatment			Anti-corrosion Hydrophilic
Fan	Type				Propeller fan
	Quantity				1
	Discharge direction				Horizontal
Fan motor	Quantity				1
	Model				KFD-325-77-10A
	Output			W	77
	Speed	Heating	Nom.	rpm	680
		Cooling	Nom.	rpm	780
Compressor	Quantity				1
	Model				2YC71EXD#C
	Type				Hermetically sealed swing compressor
PED	Category				Category II
Operation range	Heating	Min.		°CDB	-25
		Max.		°CDB	25
	Cooling	Min.		°CDB	10
		Max.		°CDB	43
Operation range	Domestic hot water	Max.		°CDB	35
		Min.		°CDB	-25
PED	Most critical part	Ps*V		Bar*l	110.4
Sound power level	Heating	Nom.		dBA	60 (1)
	Cooling	Nom.		dBA	62 (1)
Sound pressure level	Heating	Nom.		dBA	47 (1)
	Cooling	Nom.		dBA	49 (1)
Refrigerant	Type				R-32
	GWP				675.0
	Charge			kg	1.50
	Control				Expansion valve
	Circuits	Quantity			1
Refrigerant oil	Type				FW68DA
	Charged volume			l	0.9

2 Specifications

2 - 1 Specifications

Technical Specifications					ERGA06EVH
Piping connections	Liquid	Quantity			1
		Type			Flare connection
		OD		mm	6
	Gas	Quantity			1
		Type			Flare connection
		OD		mm	15.9
	Drain	Quantity			2
		Type			Hole
		OD		mm	18
	Piping length	OU - IU	Min.	m	3
			Max.	m	30
		System	Chargeless	m	10
	High pressure side	Design pressure		bar	46
	Additional refrigerant charge			kg/m	0.02 (for piping length exceeding 10m)
	Level difference	IU - OU	Max.	m	30.0
	Heat insulation				Both liquid and gas pipes
Defrost method					Reversed cycle
Defrost control					Sensor for outdoor heat exchanger temperature
Safety devices	Item	01			High pressure switch

Electrical Specifications				ERGA06EVH
Power supply	Name			V3
	Phase			1N~
	Frequency		Hz	50
	Voltage		V	230
	Voltage range	Min.	%	-10
		Max.	%	10
Current	Maximum running current	Heating	A	19.9
	Recommended fuses		A	20
	Inverter modulation	Min.	%	37
Wiring connections	For power supply	Quantity		3
		Remark		4mm²
	For connection with indoor	Quantity		4
		Remark		1,5mm²
IP class	IP			IPX4

(1)Cooling Ta 35°C - LWE 18°C (DT = 5°C); Heating Ta DB/WB 7°C/6°C - LWC 35°C (DT = 5°C)

Technical Specifications				ERGA08EVH7
Casing	Colour			Ivory white
	Material			Polyester painted galvanised steel plate
Dimensions	Unit	Height	mm	740
		Width	mm	884
		Depth	mm	388
	Packed unit	Height	mm	815
		Width	mm	1,043
		Depth	mm	478
Weight	Unit		kg	58.5
	Packed unit		kg	60
Packing	Material			Cardboard / EPS
	Weight		kg	4.3
Heat exchanger	Length		mm	920
	Rows	Quantity		2
	Fin pitch		mm	1.4
	Passes	Quantity		32
	Face area		m²	0.658
	Tube type			ø7 Hi-XA
	Fin	Type		Aluminium
		Treatment		Anti-corrosion Hydrophilic
Fan	Type			Propeller fan
	Quantity			1
	Discharge direction			Horizontal
Fan motor	Quantity			1
	Model			KFD-325-77-10A
	Output		W	77
	Speed	Heating	Nom. rpm	740
		Cooling	Nom. rpm	780

2 Specifications

2 - 1 Specifications

Technical Specifications					ERGA08EVH7
Compressor	Quantity				1
	Model				2YC71EXD#C
	Type				Hermetically sealed swing compressor
PED	Category				Category II
Operation range	Heating	Min.		°CDB	-25
		Max.		°CDB	25
	Cooling	Min.		°CDB	10
		Max.		°CDB	43
Operation range	Domestic hot water	Max.		°CDB	35
		Min.		°CDB	-25
PED	Most critical part	Ps*V		Bar*l	110.4
Sound power level	Heating	Nom.		dBA	62 (1)
	Cooling	Nom.		dBA	62 (1)
Sound pressure level	Heating	Nom.		dBA	49 (1)
	Cooling	Nom.		dBA	50 (1)
Refrigerant	Type				R-32
	GWP				675.0
	Charge			kg	1.5
	Control				Expansion valve
	Circuits	Quantity			1
Refrigerant oil	Type				FW68DA
	Charged volume			l	0.9
Piping connections	Liquid	Quantity			1
		Type			Flare connection
		OD		mm	6
	Gas	Quantity			1
		Type			Flare connection
		OD		mm	15.9
	Drain	Quantity			2
		Type			Hole
		OD		mm	18
	Piping length	OU - IU	Min.	m	3
			Max.	m	30
		System	Chargeless	m	10
	High pressure side	Design pressure		bar	46
	Additional refrigerant charge			kg/m	0.02 (for piping length exceeding 10m)
	Level difference	IU - OU	Max.	m	30.0
	Heat insulation				Both liquid and gas pipes
Defrost method					Reversed cycle
Defrost control					Sensor for outdoor heat exchanger temperature
Safety devices	Item	01			High pressure switch

Electrical Specifications					ERGA08EVH7
Power supply	Name				V3
	Phase				1N~
	Frequency			Hz	50
	Voltage			V	230
	Voltage range	Min.		%	-10
		Max.		%	10
Current	Maximum running current	Heating		A	24.0
	Recommended fuses			A	25
	Inverter modulation	Min.		%	35
Wiring connections	For power supply	Quantity			3
		Remark			4mm²
	For connection with indoor	Quantity			4
		Remark			1,5mm²
IP class	IP				IPX4

(1)Cooling Ta 35°C - LWE 18°C (DT = 5°C); Heating Ta DB/WB 7°C/6°C - LWC 35°C (DT = 5°C)

3 Combination table

3 - 1 Combination Table

ERGA-EV
ERGA-EVH
ERGA-EVH7

Kit availability for outdoor units

·D· series

		RGA04DAV3	*RGA06DAV3*	*RGA08DAV3*
EKDP008D	Drain pan kit	o	o	o
EKDPH008CA	Drain pan heater	o	o	o
EKFT008D	Feet kit	o	o	o
EKLN08A1	Low noise kit	o	o	o

Kit availability for outdoor units

·E· series

		ERGA04EAV3*	ERGA06EAV3*	ERGA08EAV3*
EKDP008D	Drain pan kit	o	o	o
EKDPH008CA	Drain pan heater	o	o	o
EKFT008D	Feet kit	o	o	o
EKLN08A1	Low noise kit	o	o	o

Kit availability for outdoor units

·C2· series

		EVLA06C2V3*	EVLA08C2V3*
EKDP008D	Drain pan kit	o	o
EKDPH008CA	Drain pan heater	o	o
EKFT008D	Feet kit	o	o
EKLN08A1	Low noise kit	o	o

Notes

When installing ·EKHDP008D· units in heavy snowfall areas, also install option kit ·EKDPH008CA·.

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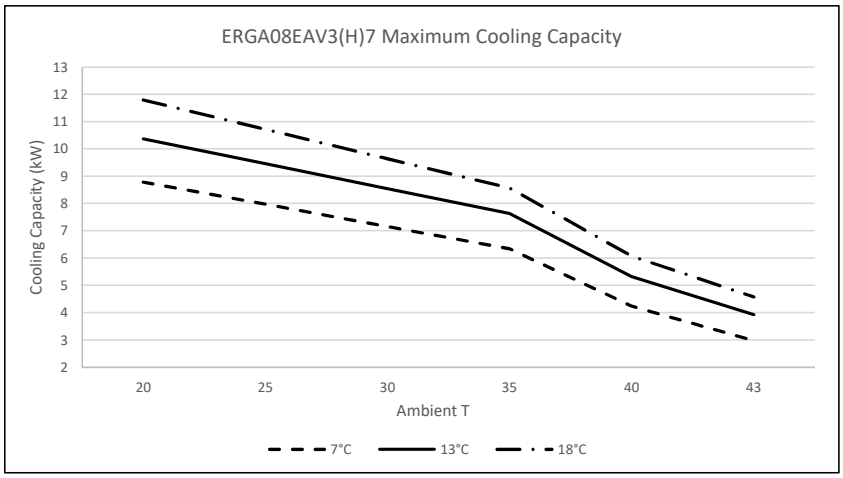
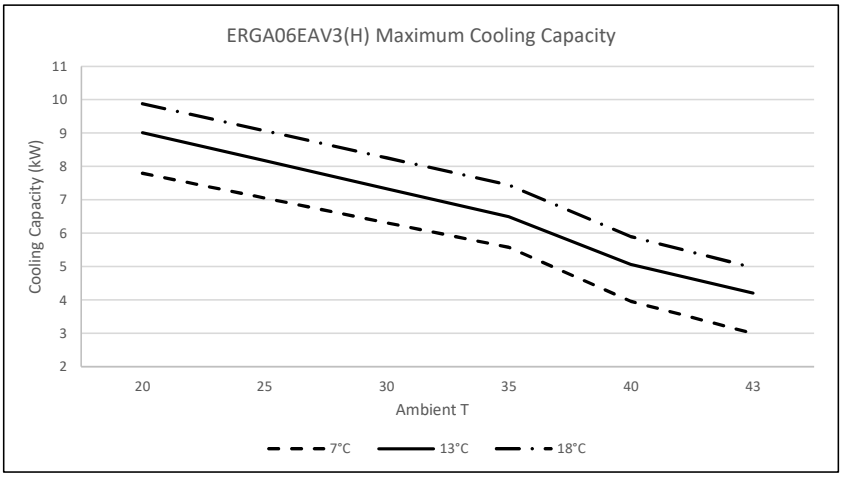
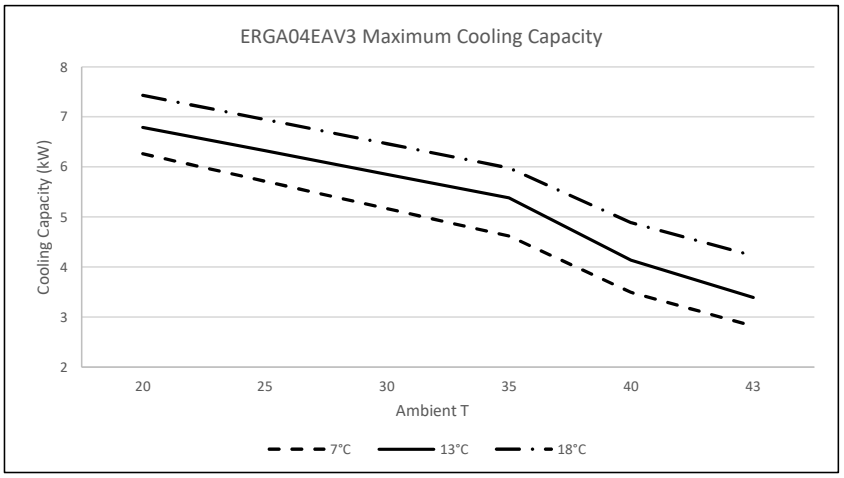
4 Capacity graphs

4 - 1 Cooling Capacity Graphs

ERGA-EV
ERGA-EVH
ERGA-EVH7







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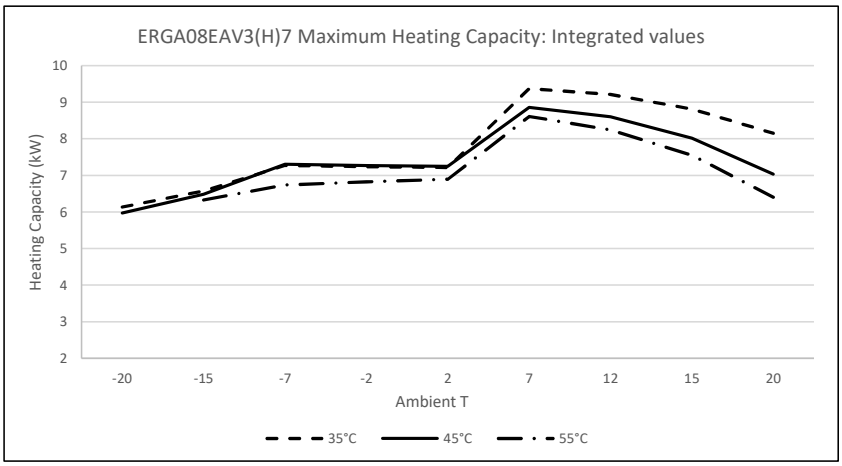
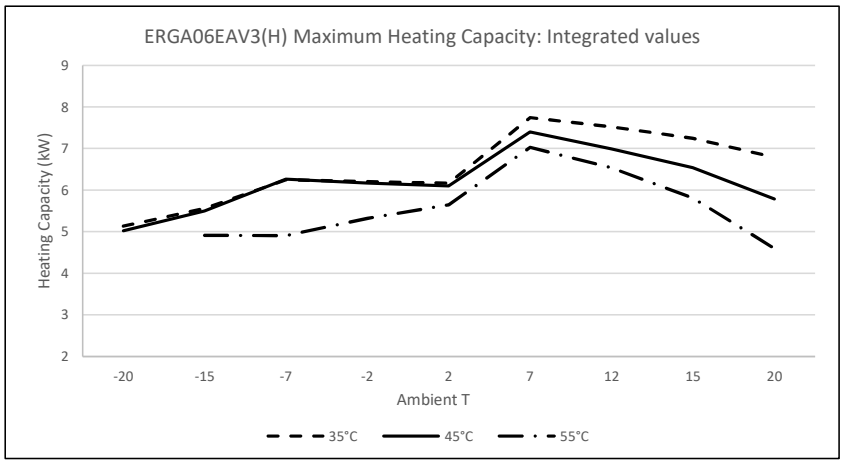
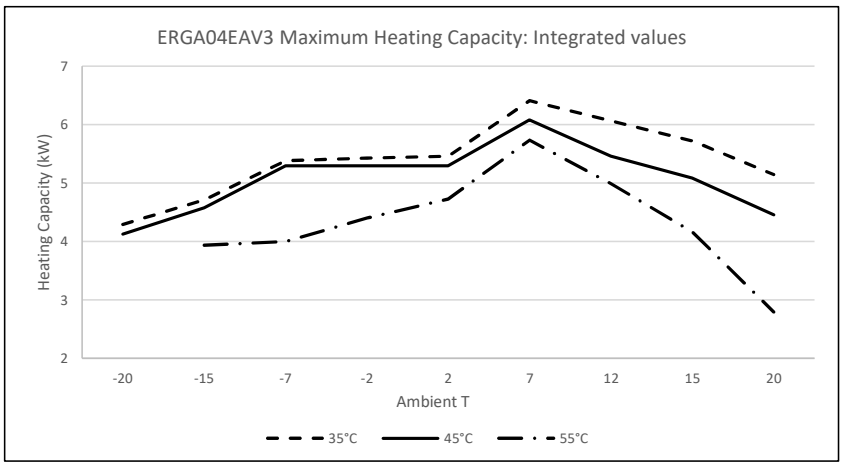
4 Capacity graphs

4 - 2 Heating Capacity Graphs

ERGA-EV
ERGA-EVH
ERGA-EVH7







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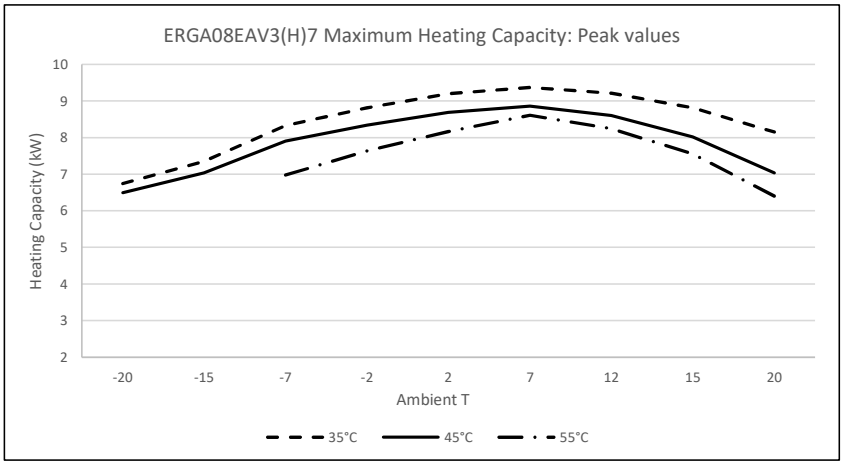
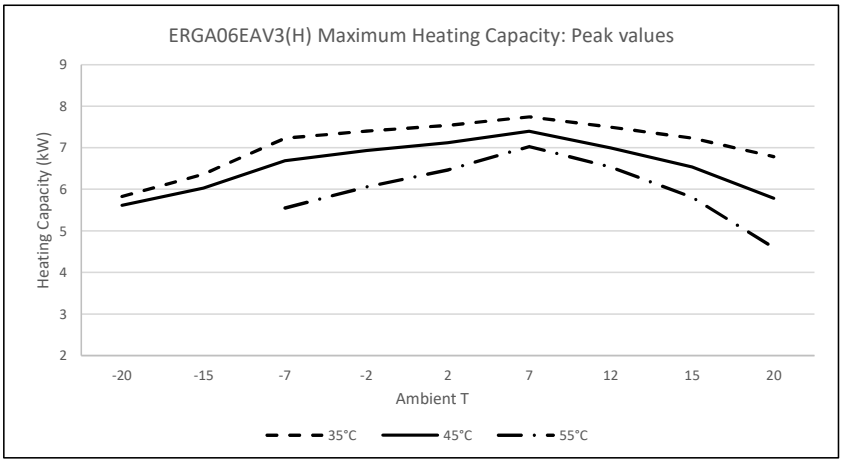
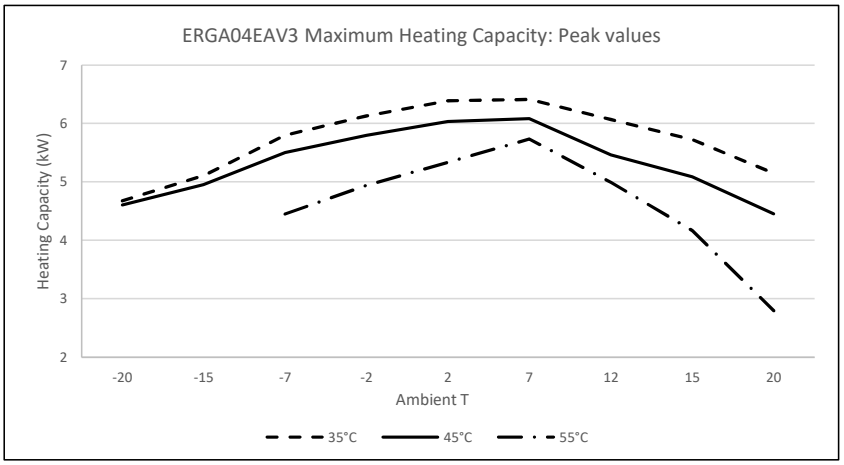
4 Capacity graphs

4 - 2 Heating Capacity Graphs

ERGA-EV
ERGA-EVH
ERGA-EVH7







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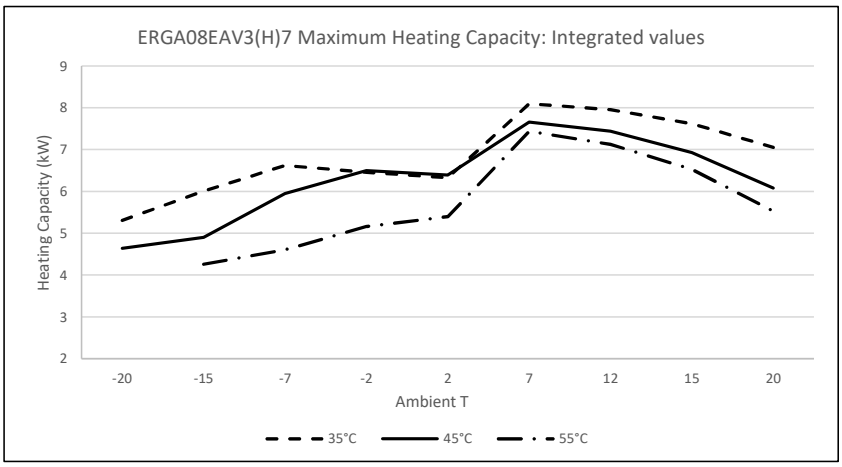
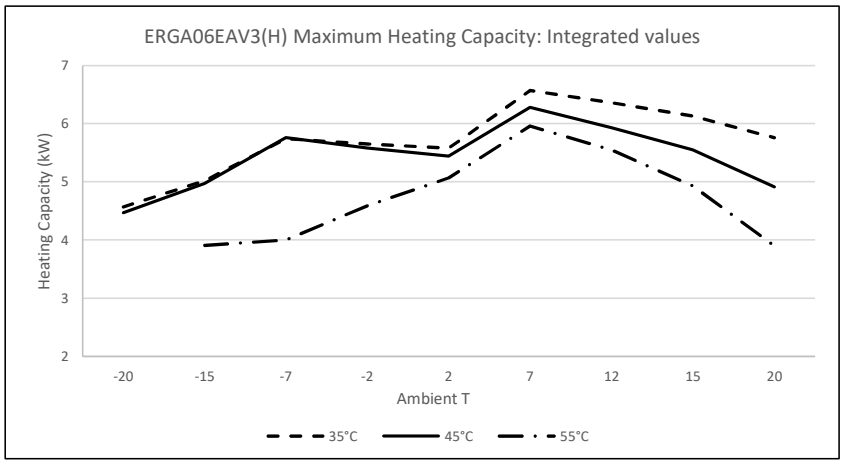
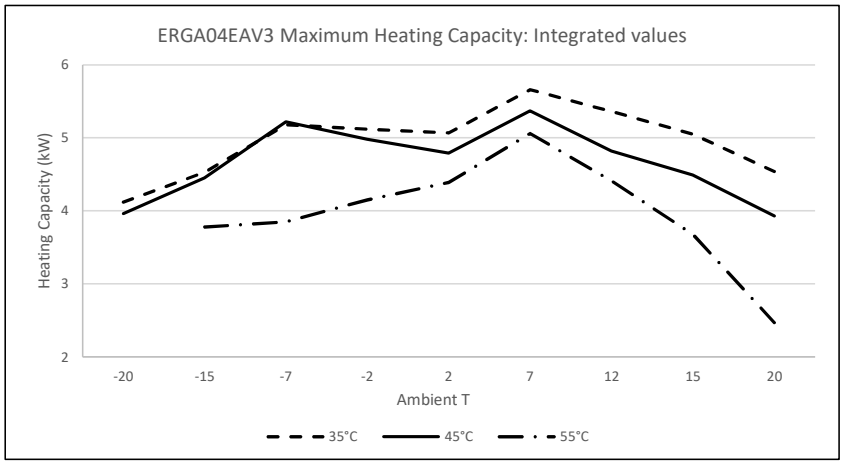
4 Capacity graphs

4 - 3 Heating Capacity Graphs - more quiet mode

ERGA-EV
ERGA-EVH
ERGA-EVH7







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5 Capacity tables

5 - 1 Certification Programs

ERGA-EV
ERGA-EVH
ERGA-EVH7

Rated data for certification programmes - heating mode

Tamb	EWC	LWC	ERGA04EAV3 HC	ERGA04EAV3 COP	ERGA06EAV3(H) HC	ERGA06EAV3(H) COP	ERGA08EAV3(H)(7) HC	ERGA08EAV3(H)(7) COP
[°C]	[°C]	[°C]	[kW]		[kW]		[kW]	
10/8	30	35	5.17	5.42	6.17	5.12	7.72	4.72
7/6	30	35	4.30	5.10	6.00	4.85	7.50	4.60
2/1	30	35	3.50	4.10	4.80	3.75	5.60	3.65
-7/-8	30	35	4.50	3.10	5.50	2.90	6.00	2.70
7/6	40	45	4.60	3.65	5.90	3.50	7.80	3.50
2/1	40	45	4.20	2.80	5.00	2.80	6.00	2.75
-7/-8	40	45	4.35	2.40	5.00	2.35	6.10	2.21
7/6	47	55	4.90	2.56	5.80	2.61	7.50	2.61
-7/-8	47	55	4.20	1.60	5.00	1.65	5.50	1.70

Rated data for certification programmes - heating mode

Tamb	EWC	LWC	ERGA04EAV3A HC	ERGA04EAV3A COP	ERGA06EAV3A HC	ERGA06EAV3A COP	ERGA08EAV3A HC	ERGA08EAV3A COP
[°C]	[°C]	[°C]	[kW]		[kW]		[kW]	
10/8	30	35	5.17	5.42	6.17	5.12	7.72	4.72
7/6	30	35	4.30	5.10	6.00	4.85	7.50	4.60
2/1	30	35	3.50	4.10	4.80	3.75	5.60	3.65
-7/-8	30	35	4.50	3.10	5.50	2.90	6.00	2.70
7/6	40	45	4.60	3.65	5.90	3.50	7.80	3.50
2/1	40	45	4.20	2.80	5.00	2.80	6.00	2.75
-7/-8	40	45	4.35	2.40	5.00	2.35	6.02	2.21
7/6	47	55	4.90	2.56	5.80	2.61	7.50	2.61
-7/-8	47	55	4.20	1.60	4.91	1.65	4.86	1.70

Rated data for certification programmes - cooling mode

Tamb	EWE	LWE	ERGA04EAV3(A) CC	ERGA04EAV3(A) EER	ERGA06EAV3(A/H) CC	ERGA06EAV3(A/H) EER	ERGA08EAV3(A/H)(7) CC	ERGA08EAV3(A/H)(7) EER
[°C]	[°C]	[°C]	[kW]		[kW]		[kW]	
35	23	18	4.86	5.98	5.96	5.61	6.25	5.40
35	12	7	4.52	3.32	5.09	3.28	5.44	3.14

Rated data for sound GET database

Standard sound model		ERGA04EAV3(A)	ERGA06EAV3(A/H)	ERGA08EAV3(A/H)(7)
Maximum sound day	Sound power [dBA]	60	62	65
Maximum sound night	Sound power [dBA]	54	54	54

Low sound model		ERGA04EAV3(A)	ERGA06EAV3(A/H)	ERGA08EAV3(A/H)(7)
Maximum sound day	Sound power [dBA]	59	61	63
Maximum sound night	Sound power [dBA]	52	52	52

Seasonal data - cooling

Low temperature Application, LWE 7°C

		ERGA04EAV3(A)	ERGA06EAV3(A/H)	ERGA08EAV3(A/H)(7)
SEER	[-]	5.66	5.73	5.71
Pdes	[kW]	4.5	5.1	5.4
$\eta_{s,c}$	[-]	223%	226%	226%
Q_{CE}	[kWh/annum]	480	533	571

Symbols

HC	Heating capacity measured according to EN 14511
CC	Cooling capacity, measured according to ·EN 14511·.
COP/EER	Coefficient of Performance/Energy efficiency ratio according to EN 14511.
EWC	Entering water condenser temperature [°C]
LWC	Leaving water condensor temperature [°C]
EWE	Entering water evaporator temperature [°C]
LWE	Leaving water evaporator temperature [°C]
Tamb	Ambient temperature [°C DB/WB]
Pdes	Nominal capacity value at design temperature [kW]
$\eta_{s,c}$	Seasonal space cooling energy efficiency according to ·EN14825·
SEER	Seasonal energy efficiency ratio according to ·EN14825·
Q_{CE}	Annual energy consumption for cooling according to ·EN14825·

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ERGA-EV
ERGA-EVH
ERGA-EVH7

Rated data for certification programmes - heating mode
According to ·UNI/TS 11300·

Condition · ·	Tamb [°C]	LWC [°C]	PLR [%]	*RGA04EA* HC [kW]	*RGA04EA* COP	*RGA06EA* HC [kW]	*RGA06EA* COP	*RGA08EA* HC [kW]	*RGA08EA* COP
A	-7/-8	34	100	5.39	2.90	6.25	2.85	7.28	2.74
B	2/1	30	100	5.60	4.00	6.20	4.05	7.20	3.79
C	7/6	27	100	6.73	5.93	8.18	5.50	9.60	5.25
D	12/11	24	100	6.95	8.31	8.49	7.56	10.02	7.10
A	-7/-8	52	100	4.39	1.54	5.31	1.59	6.91	1.71
B	2/1	42	100	5.35	3.14	6.12	3.00	7.24	2.87
C	7/6	36	100	6.38	4.77	7.71	4.62	9.32	4.38
D	12/11	30	100	6.32	7.35	7.79	7.35	9.52	6.39

Rated data for certification programmes - cooling mode
According to ·UNI/TS 11300·

Condition · ·	Tamb [°C]	LWE [°C]	PLR [%]	*RGA04EA* CC [kW]	*RGA04EA* EER	*RGA06EA* CC [kW]	*RGA06EA* EER	*RGA08EA* CC [kW]	*RGA08EA* EER
A	35	18	100	5.98	5.64	7.45	4.84	8.57	4.58
B	30	18	75	4.85	7.31	6.19	6.13	7.23	5.69
C	25	18	50	3.47	8.68	4.54	7.09	5.36	6.38
D*	20	18	25	1.50	9.63	1.86	9.72	2.14	9.77
A	35	7	100	4.62	3.73	5.57	3.48	6.34	3.32
B	30	7	75	3.88	4.76	4.74	4.32	5.37	4.15
C	25	7	50	2.86	5.40	3.53	4.90	3.99	4.69
D*	20	7	25	1.16	6.16	1.39	6.20	1.59	6.23

At part load ·D*· data is calculated with ON/OFF compensation according to ·EN14825· for the purpose of the software calculation tool.
In reality, the minimum load of the unit in this condition is higher than ·25·%.

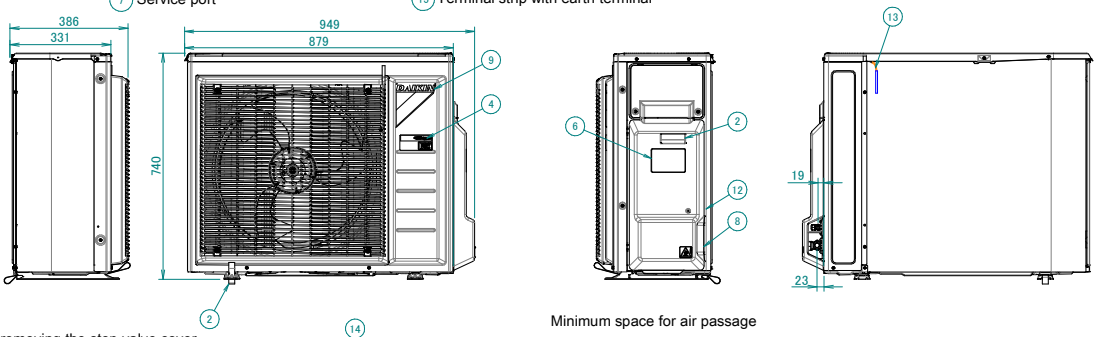
3D130964E

6 Dimensional drawings

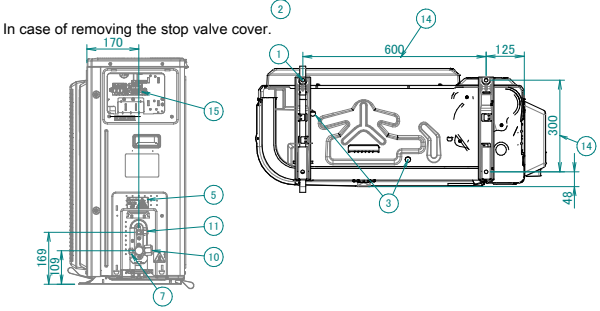
6 - 1 Dimensional Drawings

ERGA-EV
ERGA-EVH
ERGA-EVH7

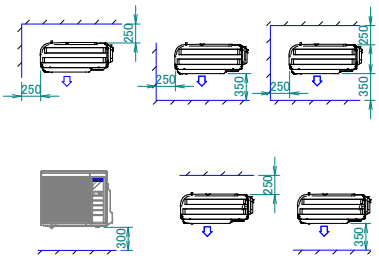
1. 4 holes for anchor bolts M8 OR M10
2. Handle
3. Drain outlet
4. Nameplate
5. Caution label
6. Manufacturer label
7. Service port
8. Wiring intake area
9. Brand name label
10. Gas stop valve ø15.9 CuT
11. Liquid stop valve ø6.4 CuT
12. Product liability label
13. Outdoor air temperature thermistor
14. Pitch of foundation bolt holes
15. Terminal strip with earth terminal



In case of removing the stop valve cover.



Minimum space for air passage
Wall height on air outlet side < 1200 mm

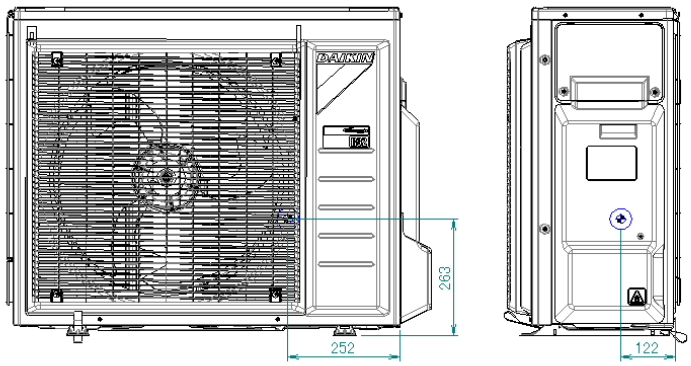


3D130871A

7 Centre of gravity

7 - 1 Centre of Gravity

ERGA-EV
ERGA-EVH
ERGA-EVH7



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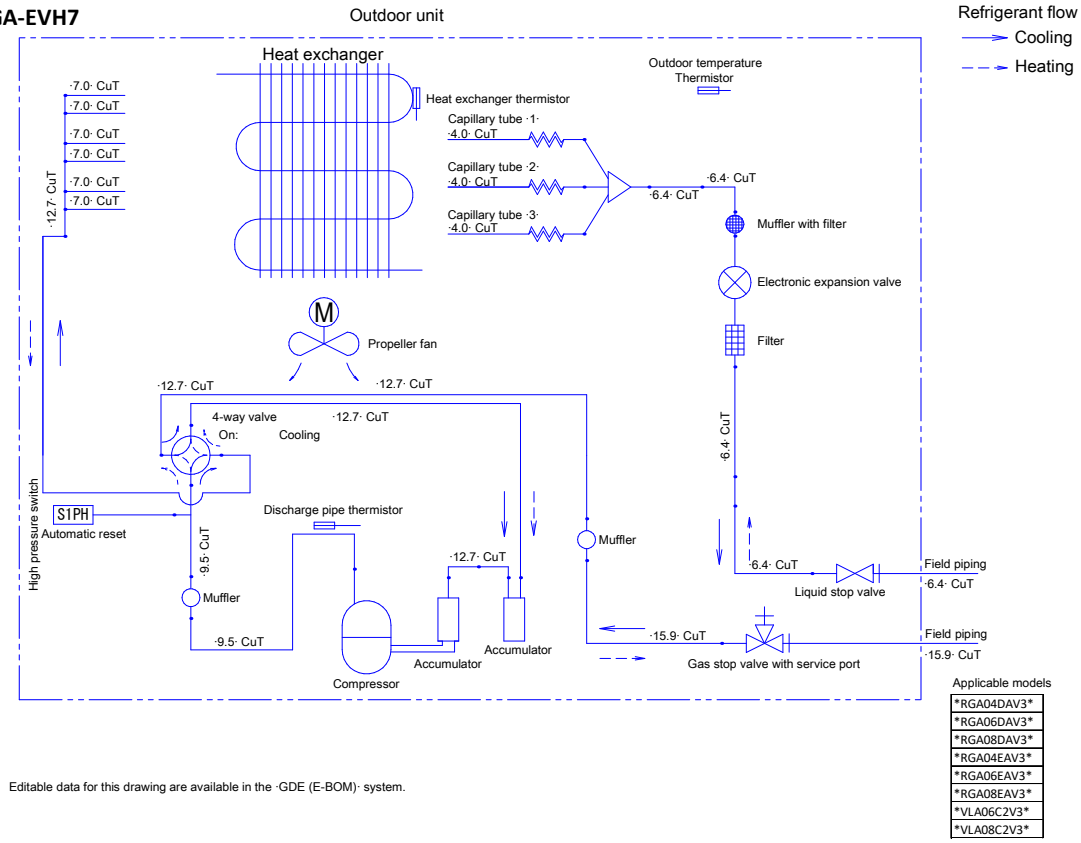
8 Piping diagrams

8 - 1 Piping Diagrams

ERGA-EV
ERGA-EVH
ERGA-EVH7



Applicable models

RGA04DAV3
RGA06DAV3
RGA08DAV3
RGA04EAV3
RGA06EAV3
RGA08EAV3
VLA06C2V3
VLA08C2V3

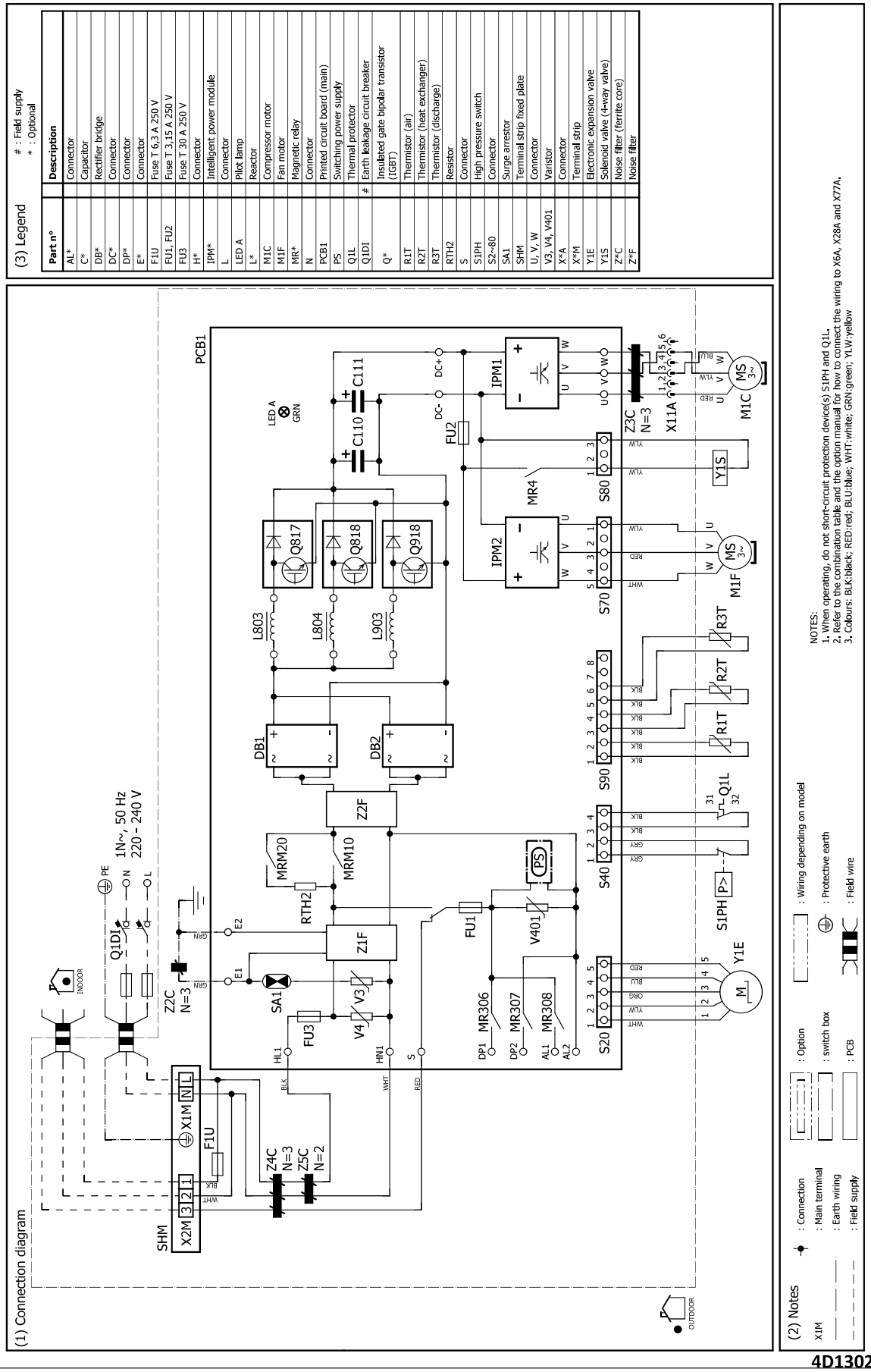
Editable data for this drawing are available in the ·GDE (E-BOM)· system.

3D110394C

9 Wiring diagrams

9 - 1 Wiring Diagrams - Single Phase

ERGA-EV / ERGA-EVH / ERGA-EVH7



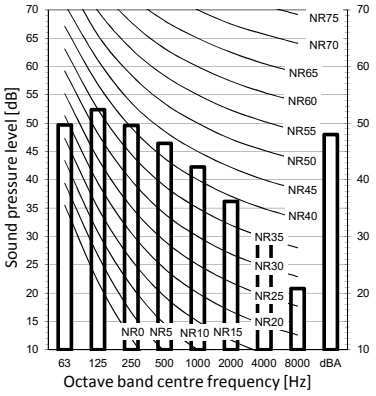
10 Sound data

10 - 1 Sound Pressure Spectrum - Cooling

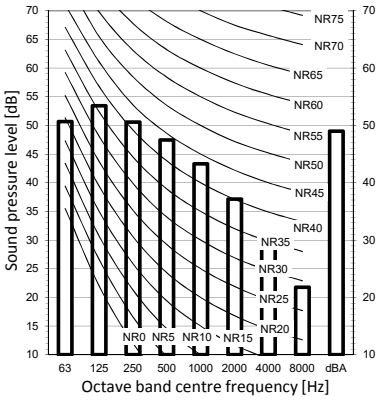
ERGA-EV
ERGA-EVH
ERGA-EVH7

Cooling

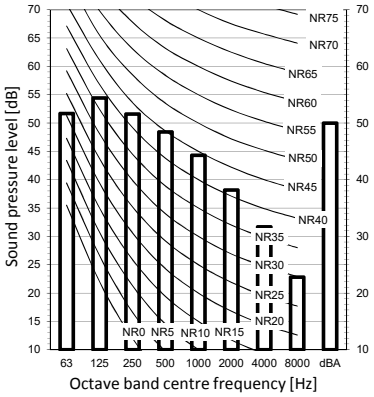
ERGA04*



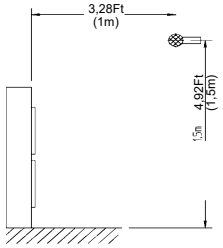
ERGA06*



ERGA08*



Notes
1. Data is valid at free field condition.
   Measured in a semi-anechoic chamber
2. Data is valid at nominal operation condition.
3. dBA = A-weighted sound pressure level (A scale according to IEC).
4. Reference acoustic pressure 0 dB = 20 µPa
5. If the sound is measured under actual installation conditions, the measured value will be higher due to environmental noise and sound reflections.



Measuring location (discharge side)

3D111595

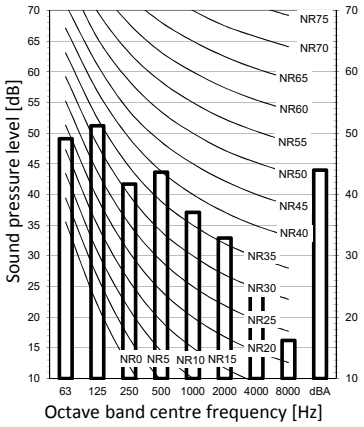
10 Sound data

10 - 2 Sound Pressure Spectrum - Heating

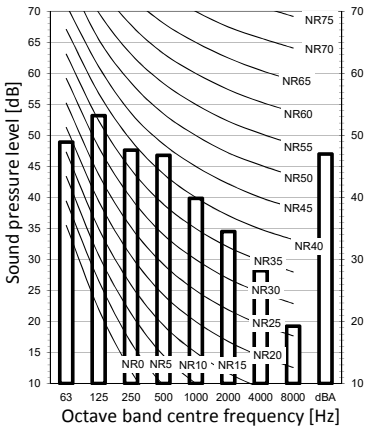
ERGA-EV
ERGA-EVH
ERGA-EVH7

Heating

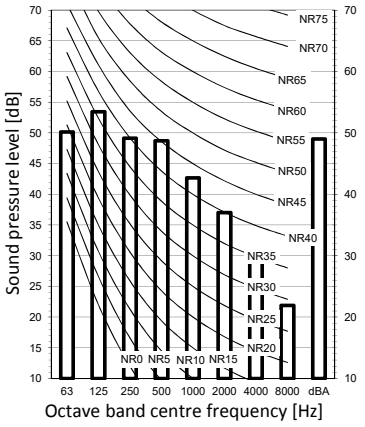
ERGA04*



ERGA06*

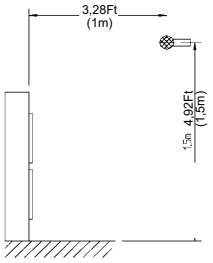


ERGA08*



Notes

1. Data is valid at free field condition.
   Measured in a semi-anechoic chamber
2. Data is valid at nominal operation condition.
3. dBA = A-weighted sound pressure level (A scale according to IEC).
4. Reference acoustic pressure 0 dB = 20 µPa
5. If the sound is measured under actual installation conditions, the measured value will be higher due to environmental noise and sound reflections.



Measuring location (discharge side)

3D111594A

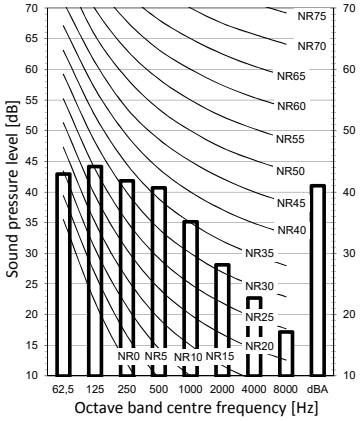
10 Sound data

10 - 3 Sound Pressure Spectrum Quiet Mode

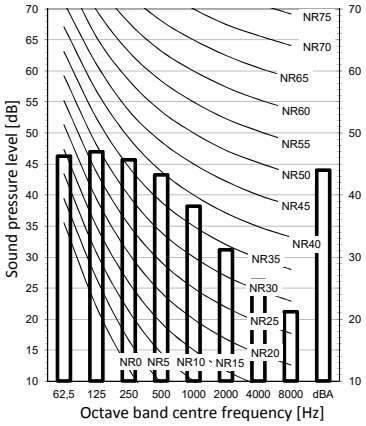
ERGA-EV
ERGA-EVH
ERGA-EVH7

Heating more quiet mode

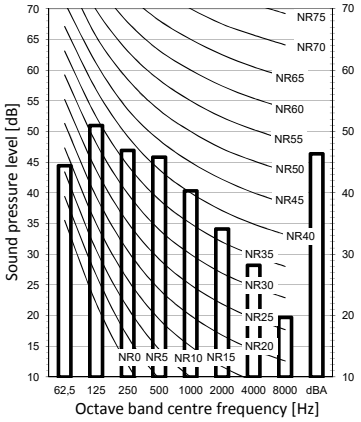
ERGA04*



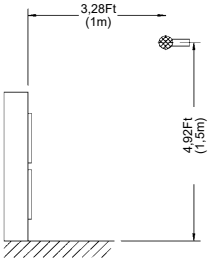
ERGA06*



ERGA08*



Notes
1. Data is valid at free field condition.
   Measured in a semi-anechoic chamber
2. Data is valid at nominal operation condition.
3. dBA = A-weighted sound pressure level (A scale according to IEC).
4. Reference acoustic pressure 0 dB = 20 µPa
5. If the sound is measured under actual installation conditions, the measured value will be higher due to environmental noise and sound reflections.



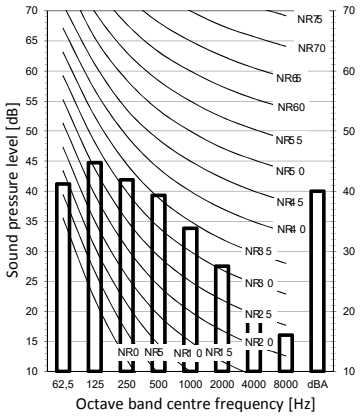
Measuring location (discharge side)

3D116213

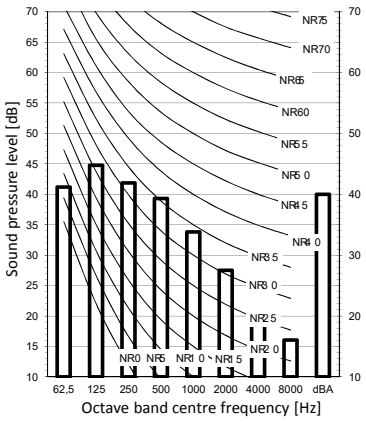
ERGA-EV
ERGA-EVH
ERGA-EVH7

Heating most quiet mode

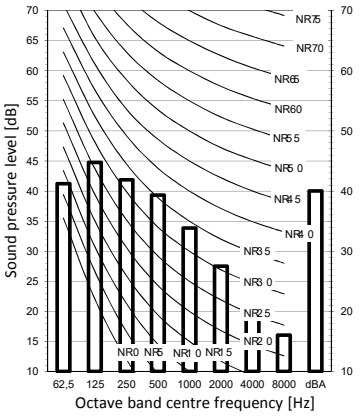
ERGA04*



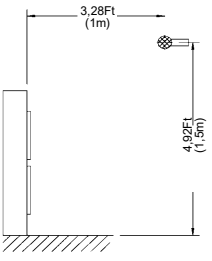
ERGA06*



ERGA08*



Notes
1. Data is valid at free field condition.
   Measured in a semi-anechoic chamber
2. Data is valid at nominal operation condition.
3. dBA = A-weighted sound pressure level (A scale according to IEC).
4. Reference acoustic pressure 0 dB = 20 µPa
5. If the sound is measured under actual installation conditions, the measured value will be higher due to environmental noise and sound reflections.



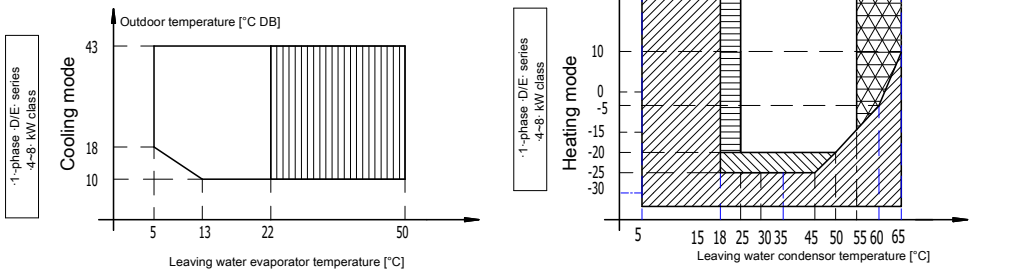
Measuring location (discharge side)

3D116214

11 Operation range

11 - 1 Operation Range

ERGA-EV
ERGA-EVH
ERGA-EVH7



Indoor
·D/E(A/F/G/J)· series Standard

Legend

- Backup heater only operation
  No outdoor unit operation
- Outdoor unit operation if setpoint ≥ ·25°C·
- Operation of outdoor unit possible, but with possible capacity reduction.
  If the outdoor temperature < –25°C, the outdoor unit will stop.
  Indoor unit and backup heater operation will continue.
- Pull-down area
- Outdoor unit operation if setpoint >·55·°C and ΔT = ·10·°C (ΔT = outlet temperature – inlet temperature)

Remark

In restricted power supply mode, the outdoor unit, booster heater and backup heater can only operate separately.

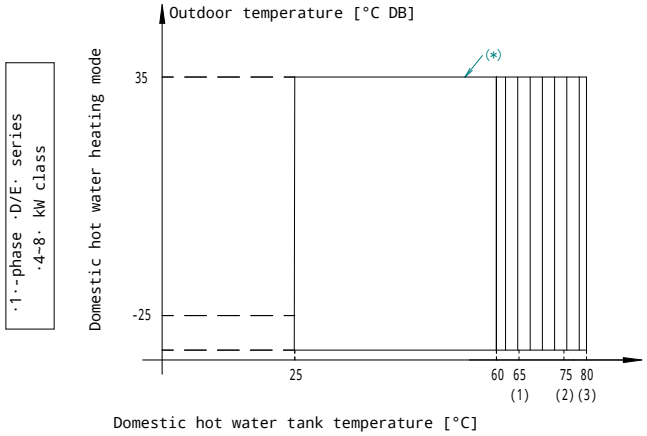
Warning

In areas with low ambient temperatures and high humidity, or in areas with heavy snowfall, remove the suction grille to ensure proper operation.

Non-exhaustive list of areas: Austria, Czech Republic, Denmark, Estonia, Finland, Germany, Hungary, Latvia, Lithuania, Norway, Poland, Romania, Serbia, Slovakia, Sweden, …

3D111563E

ERGA-EV
ERGA-EVH
ERGA-EVH7



Legend

- Booster heater only operation (if a booster heater is part of the system)
  - (1) ·EHVH*S*CBV· indoor units only
  - (2) Combination of ·EKHWS(P)1*DA*· and ·EHB*D/E(A/F)V*· indoor units
  - (3) Combination of ·EKHWS(P)(2/3)*DA*· and ·EHB*D/E(A/F)V*· indoor units

(*)
System operation: the system consists of an outdoor unit and indoor unit, and depending on the system, a booster heater and/or a backup heater.

Remark

In restricted power supply mode (·EKHW*· only), the outdoor unit, booster heater and backup heater can only operate separately.

If the outdoor temperature ·<-20·°C, then outdoor unit operation is possible, but with a possible capacity reduction.

If the outdoor temperature < –25°C, the outdoor unit will stop.

Indoor unit and backup heater operation will continue.

3D111564K

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EEDEN26 01/2026

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