



General				EHBH04DA6V / ERGA04DAV3	EHBH08DA6V / ERGA06DAV3	EHBH08DA6V / ERGA08DAV3
Heating capacity	Nom.	kW		4.30 (1), 4.60 (2)	6.00 (1), 5.90 (2)	7.50 (1), 7.80 (2)
Power input	Nom.	kW		0.850 (1), 1.26 (2)	1.24 (1), 1.69 (2)	1.63 (1), 2.23 (2)
COP				5.10 (1), 3.65 (2)	4.85 (1), 3.50 (2)	4.60 (1), 3.50 (2)
Pump	Nominal ESP unit	Heating	kPa	59.6 (1), 58.6 (2)	52.4 (1), 52.9 (2)	43.3 (1), 41.2 (2)
Water side Heat exchanger	Water flow rate	Nom.	l/min	12.3 (1), 13.2 (2)	17.2 (1), 16.9 (2)	21.5 (1), 22.4 (2)
Product description	Name or trademark			Daikin Europe N.V.	Daikin Europe N.V.	Daikin Europe N.V.
	Air-to-water heat pump			Yes	Yes	Yes
	Brine-to-water heat pump			No	No	No
	Heat pump combination heater			No	No	No
	Low-temperature heat pump			No	No	No
	Supplementary heater integrated			Yes	Yes	Yes
LW(A) Sound power level	(according to EN14825)	Indoor	dB(A)	42	42	42
		Outdoor	dB(A)	58	60	62
Air to water unit		Rated airflow (outdoor)	m³/h	2,280.0	2,520.0	2,770.0
Brine/water to water unit		Rated water/brine flow	m³/h	0.0	0.0	0.0
Other	Capacity control			Inverter	Inverter	Inverter
	Pck (Crankcase heater mode)		kW	0.000	0.000	0.000
	Poff (Off mode)		kW	0.010	0.010	0.010
	Psb (Standby mode)		kW	0.010	0.010	0.010
	Pto (Thermostat off)		kW	0.010	0.010	0.010
	Integrated supplementary heater		Psup	kW	6.0	6.0
Domestic Hot Water						
Daikin Tank	EKHWS150D3V3	Tank Size	Litres	150	150	150
		Tank Dimensions	mm	1000 x 595 x 595	1001 x 595 x 595	1002 x 595 x 595
		Load Profile		L	L	L
		Water Heating Efficiency	%	91	91	91
		Tank Heat Loss	kWh/day	1.08	1.08	1.08
		Energy Efficiency Class		B	B	B
	EKHWS180D3V3	Tank Size	Litres	180	180	180
		Tank Dimensions	mm	1164 x 595 x 595	1164 x 595 x 595	1164 x 595 x 595
		Load Profile		L	L	L
		Water Heating Efficiency	%	125	125	125
		Tank Heat Loss	kWh/day	1.2	1.2	1.2
		Energy Efficiency Class		B	B	B
	EKHWS200D3V3	Tank Size	Litres	200	200	200
		Tank Dimensions	mm	1264 x 595 x 595	1264 x 595 x 595	1264 x 595 x 595
		Load Profile		L	L	L
		Water Heating Efficiency	%	121	121	121
		Tank Heat Loss	kWh/day	1.32	1.32	1.32
		Energy Efficiency Class		B	B	B

EKHWS250D3V3		Tank Size	Litres	250	250	250
		Tank Dimensions	mm	1535 x 595 x 595	1535 x 595 x 595	1535 x 595 x 595
		Load Profile		XL	XL	XL
		Water Heating Efficiency	%	130	130	130
		Tank Heat Loss	kWh/day	1.44	1.44	1.44
		Energy Efficiency Class		B	B	B
EKHWS300D3V3		Tank Size	Litres	300	300	300
		Tank Dimensions	mm	1745x 595 x 595	1745x 595 x 595	1745x 595 x 595
		Load Profile		XL	XL	XL
		Water Heating Efficiency	%	128	128	128
		Tank Heat Loss	kWh/day	1.632	1.632	1.632
		Energy Efficiency Class		B	B	B
Space Heating						
Average climate water outlet 55°C	General	SCOP		3.26	3.26	3.32
		Annual energy consumption	kWh	3,806	4,441	4,975
		ηs (Seasonal space heating efficiency)	%	127	127	130
		Prated at -10°C	kW	6.0	7.0	8.0
		Seasonal space heating eff. class		A++	A++	A++
	A Condition (-7°CDB/-8°CWB)	Cdh (Degradation heating)		1.0	1.0	1.0
		COPd		1.97	1.98	1.96
		Pdh	kW	5.3	5.9	6.9
		PERd	%	79	79	78
	B Condition (2°CDB/1°CWB)	Cdh (Degradation heating)		1.0	1.0	1.0
		COPd		3.23	3.16	3.20
		Pdh	kW	3.3	3.9	4.4
		PERd	%	129	126	128
	C Condition (7°CDB/6°CWB)	Cdh (Degradation heating)		1.0	1.0	1.0
		COPd		4.40	4.49	4.64
		Pdh	kW	3.0	3.0	3.3
		PERd	%	176	180	186
	D Condition (12°CDB/11°CWB)	Cdh (Degradation heating)		1.0	1.0	1.0
		COPd		6.10	6.10	6.22
		Pdh	kW	3.3	3.3	4.1
PERd		%	244	244	249	
Tol (temperature operating limit)	COPd		1.37	1.53	1.64	
	Pdh	kW	4.0	5.4	7.1	
	PERd	%	55	61	66	
	TOL	°C	-10	-10	-10	
	WTOL	°C	55	55	55	
Tbiv (bivalent temperature)	COPd		1.97	2.12	1.90	
	Pdh	kW	5.3	6.1	7.5	
	PERd	%	79	85	76	
	Tbiv	°C	-7	-6	-8	
Rated heat output supplementary capacity	Psup (at Tdesign -10°C)	kW	6.0	6.0	6.0	

Average climate water outlet 35°C						
General	SCOP			4.48	4.47	4.56
	Annual energy consumption	kWh		2,766	3,233	3,625
	ηs (Seasonal space heating efficiency)	%		176	176	179
	Prated at -10°C	kW		6.0	7.0	8.0
	Qhe Annual energy consumption (GCV)	Gj		1	1	1
	Seasonal space heating eff. class			A++	A++	A++
	A Condition (-7°CDB/-8°CWB)	COPd		2.90	2.86	2.77
		Pdh	kW	5.5	6.0	7.0
		PERd	%	116	114	111
	B Condition (2°CDB/1°CWB)	Cdh (Degradation heating)		1.0	1.0	1.0
		COPd		4.33	4.25	4.35
		Pdh	kW	3.3	3.9	4.2
		PERd	%	173	170	174
	C Condition (7°CDB/6°CWB)	Cdh (Degradation heating)		1.0	1.0	1.0
		COPd		6.19	6.30	6.49
		Pdh	kW	3.2	3.2	3.3
		PERd	%	248	252	260
	D Condition (12°CDB/11°CWB)	Cdh (Degradation heating)		1.0	1.0	1.0
		COPd		7.78	7.78	8.52
		Pdh	kW	3.3	3.3	3.9
	PERd	%	311	311	341	
Tol (temperature operating limit)	COPd		2.56	2.49	2.41	
	Pdh	kW	5.2	6.0	6.9	
	PERd	%	102	100	96	
	TOL	°C	-10	-10	-10	
	WTOL	°C	35	35	35	
Tbiv (bivalent temperature)	COPd		2.90	2.49	2.66	
	Pdh	kW	5.5	6.0	7.5	
	PERd	%	116	100	106	
	Tbiv	°C	-7	-6	-8	
Rated heat output supplementary capacity	Psup (at Tdesign -10°C)	kW	0.8	1.0	1.1	
Notes			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)	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)	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)	
			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)	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)	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)	