

					EWWP014KBW1N	EWWP022KBW1N	EWWP028KBW1N	EWWP035KBW1N			
LW(A) Sound power level (according to EN14825)	dB(A)				64.0	64.0	64.0	71.0			
Refrigerant	Refrigerant-- Refrigerant type				R-407C	R-407C	R-407C	R-407C			
	Refrigerant-- Refrigerant gwp				1,773.9	1,773.9	1,773.9	1,773.9			
	Circuits		Quantity		1	1	1	1			
	Refrigerant-- Refrigerant control				Thermostatic expansion valve	Thermostatic expansion valve	Thermostatic expansion valve	Thermostatic expansion valve			
Operation range	Evaporator	Cooling	Min.	°CDB	-10	-10	-10	-10			
			Max.	°CDB	20	20	20	20			
	Condenser	Cooling	Min.	°CDB	20	20	20	20			
			Max.	°CDB	55	55	55	55			
Cooling capacity	Nom.			kW	12.9	21.4	27.8	32.3			
Piping connections	Piping connections-- Evaporator water inlet outlet od				FBSP 25mm	FBSP 25mm	FBSP 25mm	FBSP 25mm			
	Condenser water drain				Field installation	Field installation	Field installation	Field installation			
	Piping connections-- Condenser water inlet outlet od				FBSP 25mm	FBSP 25mm	FBSP 25mm	FBSP 25mm			
	Evaporator water drain				Field installation	Field installation	Field installation	Field installation			
Power input	Cooling	Nom.		kW	3.8	6.1	7.8	9.1			
	Heating	Nom.		kW	3.8	6.1	7.8	9.1			
Sound power level	Cooling	Nom.		dBA	64.0	64.0	64.0	71.0			
Refrigerant charge	Per circuit			kg	1.20	2.00	2.50	3.10			
	Per circuit			TCO2Eq	2.13	3.55	4.43	5.50			
Dimensions	Unit	Width		mm	600	600	600	600			
		Depth		mm	600	600	600	600			
		Height		mm	600	600	600	600			
Compressor	Speed			rpm	2,900	2,900	2,900	2,900			
	Oil	Charged volume		l	1.50	2.70	2.70	2.70			
	Compressor-- Compressor quantity				1	1	1	1			
	Compressor-- Compressor model				JT140BF-YE	JT212DA-YE	JT300DA-YE	JT335DA-YE			
	Compressor-- Compressor type				Hermetically sealed scroll compressor	Hermetically sealed scroll compressor	Hermetically sealed scroll compressor	Hermetically sealed scroll compressor			
Space heating general	Other	Psb (Standby mode)		kW	0.0080	0.0090	0.0080	0.0080			
		Poff (Off mode)		kW	0.175	0.317	0.338	0.382			
		Pto (Thermostat off)		kW	0.00	0.00	0.00	0.00			
		Pck (Crankcase heater mode)		kW	0.0080	0.0090	0.0080	0.0080			
		Capacity control			Inverter	Inverter	Inverter	Inverter			
		Space heating general--Other-- --Cdh degradation heating			1.00	1.00	1.00	1.00			
	Integrated supplementary heater	Psup		kW	0.00	0.00	0.00	0.00			
		NOx emission		mg/kWh	0.00	0.00	0.00	0.00			
		Type of energy input			Electrical	Electrical	Electrical	Electrical			
Water heat exchanger - condenser	Model			Quantity	1	1	1	1			
	Water flow rate	Nom.		l/min	48	78	100	120			
		Min.		l/min	24	39	51	59			
		Max.		l/min	95	160	200	240			
	Type				Brazed plate	Brazed plate	Brazed plate	Brazed plate			
Casing	Colour				Ivory white (Munsell code: 5Y7.5/1)	Ivory white (Munsell code: 5Y7.5/1)	Ivory white (Munsell code: 5Y7.5/1)	Ivory white (Munsell code: 5Y7.5/1)			

	Material				Polyester painted steel plate	Polyester painted steel plate	Polyester painted steel plate	Polyester painted steel plate			
Weight	Unit			kg	118	155	165	172			
Space heating	Cold climate water outlet 55°C	General	Prated at -22°C	kW	15.0	25.4	33.5	37.2			
			Annual energy consumption	kWh	12,900	22,000	27,500	29,600			
			ηs (Seasonal space heating efficiency)	%	107	105	114	116			
			Annual energy consumption (GCV)	Gj	46.4	79.4	99.0	107			
	Average climate water outlet 35°C	General	Annual energy consumption	kWh	8,250	13,100	17,000	19,400			
			Annual energy consumption (GCV)	Gj	29.7	47.2	61.2	70.0			
			ηs (Seasonal space heating efficiency)	%	132	134	138	143			
			Prated at -10°C	kW	14.0	22.6	30.2	35.7			
			Space heating--Average climate water outlet 35°C--General--Seasonal space heating eff class		A+	A+	A+	A+			
			Space heating--Average climate water outlet 35°C--General--Scop		3.49	3.55	3.66	3.78			
	Warm climate water outlet 55°C	General	Annual energy consumption (GCV)	Gj	25.0	42.8	52.9	57.5			
			Prated at 2°C	kW	15.0	25.4	33.5	37.2			
			ηs (Seasonal space heating efficiency)	%	105	104	114	114			
			Annual energy consumption	kWh	6,950	11,900	14,700	16,000			
	Cold climate water outlet 35°C	General	Space heating--Cold climate water outlet 35°C--General--Qhe Annual energy consumption (GCV)--Gj	Gj	25.0	42.8	52.9	57.5			
			Annual energy consumption	kWh	6,950	11,900	14,700	16,000			
			ηs (Seasonal space heating efficiency)	%	105	104	114	114			
			Prated at -22°C	kW	15.0	25.4	33.5	37.2			
	Warm climate water outlet 35°C	General	Prated at 2°C	kW	14.0	22.6	30.2	35.7			
			ηs (Seasonal space heating efficiency)	%	128	130	135	140			
			Annual energy consumption	kWh	5,360	8,510	11,000	12,600			
			Annual energy consumption (GCV)	Gj	19.3	30.6	39.7	45.4			
	Average climate water outlet 55°C	A Condition (-7°CDB/-8°CWB)	PERd	%	122	121	129	131			
			Pdh	kW	15.0	25.4	33.5	37.2			
			Space heating--Average climate water outlet 55°C--A Condition (-7°CDB/-8°CWB)--Copd		3.04	3.02	3.23	3.27			

				Space heating-- Average climate water outlet 55°C- =A Condition (- 7°CDB/-8°CWB)-- Cdh degradation heating	1.00	1.00	1.00	1.00			
		Tbiv (bivalent temperature)	Tbiv	°C	-10.0	-10.0	-10.0	-10.0			
			Pdh	kW	15.0	25.4	33.5	37.2			
			PERd	%	122	121	129	131			
				Space heating-- Average climate water outlet 55°C- =Tbiv (bivalent temperature)-- Copd	3.04	3.02	3.23	3.27			
		Tol (temperature operating limit)	TOL	°C	-10.0	-10.0	-10.0	-10.0			
			Pdh	kW	15.0	25.4	33.5	37.2			
			PERd	%	122	121	129	131			
			WTOL	°C	55.0	55.0	55.0	55.0			
				Space heating-- Average climate water outlet 55°C- =Tol (temperature operating limit)-- Copd	3.04	3.02	3.23	3.27			
		General	Annual energy consumption (GCV)	Gj	38.6	65.9	80.7	88.6			
			ηs (Seasonal space heating efficiency)	%	107	106	115	116			
			Annual energy consumption Prated at -10°C	kWh	10,700	18,300	22,400	24,600			
				kW	15.0	25.4	33.5	35.7			
				Space heating-- Average climate water outlet 55°C- =General-- Seasonal space heating eff class	A+	A+	A+	A+			
				Space heating-- Average climate water outlet 55°C- =General--Scop	2.88	2.86	3.08	3.11			
		B Condition (2°CDB/1°CWB)	Pdh	kW	15.0	25.4	33.5	37.2			
			PERd	%	122	121	129	131			
				Space heating-- Average climate water outlet 55°C- =B Condition (2°CDB/1°CWB)-- Copd	3.04	3.02	3.23	3.27			
				Space heating-- Average climate water outlet 55°C- =B Condition (2°CDB/1°CWB)-- Cdh degradation heating	1.00	1.00	1.00	1.00			
		C Condition (7°CDB/6°CWB)	Pdh	kW	15.0	25.4	33.5	37.2			
			PERd	%	122	121	129	131			
				Space heating-- Average climate water outlet 55°C- =C Condition (7°CDB/6°CWB)-- Copd	3.04	3.02	3.23	3.27			

				Space heating--Average climate water outlet 55°C--C Condition (7°CDB/6°CWB)--Cdh degradation heating	1.00	1.00	1.00	1.00			
		D Condition (12°CDB/11°CWB)	PERd	%	122	121	129	131			
			Pdh	kW	15.0	25.4	33.5	37.2			
				Space heating--Average climate water outlet 55°C--D Condition (12°CDB/11°CWB)--Coptd	3.04	3.02	3.23	3.27			
				Space heating--Average climate water outlet 55°C--D Condition (12°CDB/11°CWB)--Cdh degradation heating	1.00	1.00	1.00	1.00			
		Rated heat output supplementary capacity	Psup (at Tdesign - 10°C)	kW	0.00	0.00	0.00	0.00			
Water heat exchanger - evaporator	Water flow rate		Max.	l/min	74.0	123	159	185			
			Nom.	l/min	37.0	61.0	80.0	93.0			
			Min.	l/min	31.0	53.0	65.0	76.0			
	Model			Quantity	1	1	1	1			
	Minimum water volume in the system			l	62	103	134	155			
	Insulation material				Polyethylene foam	Polyethylene foam	Polyethylene foam	Polyethylene foam			
	Type				Brazed plate	Brazed plate	Brazed plate	Brazed plate			
Refrigerant oil	Type				FVC68D	FVC68D	FVC68D	FVC68D			
Heating capacity	Nom.			kW	16.7	27.5	35.6	41.5			
General	Supplier/Manufacturer details			Name and address	Daikin Europe N.V. - Zandvoordestraat 300, 8400 Oostende, Belgium	Daikin Europe N.V. - Zandvoordestraat 300, 8400 Oostende, Belgium	Daikin Europe N.V. - Zandvoordestraat 300, 8400 Oostende, Belgium	Daikin Europe N.V. - Zandvoordestraat 300, 8400 Oostende, Belgium			
				Name or trademark	Daikin Europe N.V.	Daikin Europe N.V.	Daikin Europe N.V.	Daikin Europe N.V.			
	Product description			General--Product description--Low temperature heat pump	Yes	Yes	Yes	Yes			
				Supplementary heater integrated	no	no	no	no			
				General--Product description--Air to water heat pump	no	no	no	no			
				General--Product description--Water to water heat pump	Yes	Yes	Yes	Yes			
				General--Product description--Brine to water heat pump	no	no	no	no			
				Heat pump combination heater	no	no	no	no			
Template					Chillers water cooled	Chillers water cooled	Chillers water cooled	Chillers water cooled			
Sound condition ecodesign and energy label					Sound power in heating mode, measured according to the EN12102 under conditions of the EN14825	Sound power in heating mode, measured according to the EN12102 under conditions of the EN14825	Sound power in heating mode, measured according to the EN12102 under conditions of the EN14825	Sound power in heating mode, measured according to the EN12102 under conditions of the EN14825			
Cop					4.45	4.49	4.54	4.55			
Eer					3.44	3.49	3.54	3.54			
Capacity steps number					1	1	1	1			

