



Product Fiche

Heat pump space heater		EWYE019CZP-A1	EWYE022CZP-A1	EWYE025CZP-A1	EWYE030CZP-A1	EWYE035CZP-A1	EWYE050CZP-A2	EWYE060CZP-A2	EWYE070CZP-A2
Energy Efficiency Class 55°C (Medium temp. application)	-	A+	A+	A+	A++	A++	A+	A+	A+
Energy Efficiency Class 35°C (Low temp. application)	-	A++	A++	A++	A++	A++	A+	A+	A++
Sound power (*)	[dB(A)]	77	77	77	77	77	78	78	78

Average Climate (design temp=-10°C)

Space Heating 55°C	Prated (declared heating capacity) @ -10°C	[kW]	16,8	16,8	16,8	23,5	23,5	42,2	42,2	52,6
	Seasonal space heating efficiency (ηs)	[%]	110%	110%	110%	125%	125%	110%	110%	118%
	Annual energy consumption	[kWh]	11726,5	11726,5	11726,5	14313,3	14313,3	29335,4	29335,4	34209,1
Space Heating 35°C	Prated (declared heating capacity) @ -10°C	[kW]	16,9	16,9	16,9	24,4	24,4	42,9	42,9	52,6
	Seasonal space heating efficiency (ηs)	[%]	157%	157%	157%	172%	172%	152%	152%	159%
	Annual energy consumption	[kWh]	8748,3	8748,3	8748,3	11519,4	11519,4	22875,0	22875,0	26804,3
Off peak operation function integrated in Heat pump	[Y/N]	N	N	N	N	N	N	N	N	N

Colder Climate (design temp=-22°C)

Space Heating 55°C	Prated (declared heating capacity) @ -22°C	[kW]	16,3	16,3	16,3	23,4	23,4	41,7	41,7	51,6
	Seasonal space heating efficiency (ηs)	[%]	95%	95%	95%	110%	110%	97%	97%	106%
	Annual energy consumption	[kWh]	13751,3	13751,3	13751,3	16937,9	16937,9	34277,7	34277,7	38808,1
Space Heating 35°C	Prated (declared heating capacity) @ -22°C	[kW]	16,1	16,1	16,1	23,5	23,5	41,2	41,2	51,0
	Seasonal space heating efficiency (ηs)	[%]	137%	137%	137%	157%	157%	136%	136%	145%
	Annual energy consumption	[kWh]	9521,6	9521,6	9521,6	12132,6	12132,6	24560,8	24560,8	28411,5

Warmer Climate (design temp=2°C)

Space Heating 55°C	Prated (declared heating capacity) @ +2°C	[kW]	16,8	16,8	16,8	24,6	24,6	42,5	42,5	51,9
	Seasonal space heating efficiency (ηs)	[%]	149%	149%	149%	168%	168%	152%	152%	164%
	Annual energy consumption	[kWh]	5930,1	5930,1	5930,1	7670,6	7670,6	14686,3	14686,3	16650,3
Space Heating 35°C	Prated (declared heating capacity) @ +2°C	[kW]	17,3	17,3	17,3	24,7	24,7	43,4	43,4	52,9
	Seasonal space heating efficiency (ηs)	[%]	237%	237%	237%	267%	267%	213%	213%	241%
	Annual energy consumption	[kWh]	3855,4	3855,4	3855,4	4880,2	4880,2	10712,8	10712,8	11561,2

Ecodesign Technical Data

Product Description	Air-to-water heat pump	[Y/N]	Y	Y	Y	Y	Y	Y	Y	Y
	Water-to-water heat pump	[Y/N]	N	N	N	N	N	N	N	N
	Brine-to-water heat pump	[Y/N]	N	N	N	N	N	N	N	N
	Low-temperature heat pump	[Y/N]	N	N	N	N	N	N	N	N
	Equipped with a supplementary heater	[Y/N]	N	N	N	N	N	N	N	N
	Heat pump combination heater	[Y/N]	N	N	N	N	N	N	N	N
Air to water unit	Rated airflow (outdoor)	m ³ /h	9972	11448	11448	19224	22068	29196	33516	38448
Water to water unit	Rated water/brine flow (outdoor H/E)	m ³ /h	NA	NA	NA	NA	NA	NA	NA	NA

Other	Capacity control	-	Variable	Variable	Variable	Variable	Variable	Variable	Variable	Variable
	Poff (Power consumption Off mode)	[kW]	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000
	Pto (Power cons Thermostat off mode)	[kW]	0,148	0,148	0,148	0,146	0,146	0,296	0,296	0,289
	Psb (Power consumption Standby mode)	[kW]	0,070	0,070	0,070	0,070	0,070	0,140	0,140	0,140
	PCK (Power crankcase heater model)	[kW]	0,070	0,070	0,070	0,070	0,070	0,140	0,140	0,140
	Qelec (Daily electricity consumption)	[kWh]	NA	NA	NA	NA	NA	NA	NA	NA
	Qfuel (Daily fuel consumption)	[kWh]	NA	NA	NA	NA	NA	NA	NA	NA

Part Load Conditions Space Heating Average Climate

(A) Condition (-7°C)	Pdh (declared heating capacity)	[kWh]	14,9	14,9	14,9	20,8	20,8	37,3	37,3	46,6
	COPd (declared COP)	-	1,72	1,72	1,72	1,89	1,89	1,71	1,71	1,77
	Cdh (degradation coefficient)	-	-	-	-	-	-	-	-	-
(B) Condition (2°C)	Pdh (declared heating capacity)	[kWh]	9,1	9,1	9,1	13,1	13,1	23,4	23,4	28,6
	COPd (declared COP)	-	2,51	2,51	2,51	2,87	2,87	2,46	2,46	2,7
	Cdh (degradation coefficient)	-	-	-	-	-	-	-	-	-
(C) Condition (7°C)	Pdh (declared heating capacity)	[kWh]	5,9	5,9	5,9	8,3	8,3	14,6	14,6	18,4
	COPd (declared COP)	-	4,34	4,34	4,34	5,00	5,00	4,47	4,47	4,61
	Cdh (degradation coefficient)	-	0,95	0,95	0,95	0,95	0,95	0,95	0,95	0,95
(D) Condition (12°C)	Pdh (declared heating capacity)	[kWh]	2,5	2,5	2,5	3,5	3,5	6,3	6,3	7,9
	COPd (declared COP)	-	5,82	5,82	5,82	6,83	6,83	6,43	6,43	6,85
	Cdh (degradation coefficient)	-	0,94	0,94	0,94	0,94	0,94	0,94	0,94	0,94
(E) Tol (temperature operating limit)	Tol (temperature operating limit)	[°C]	-10°C	-10°C	-10°C	-10°C	-10°C	-10°C	-10°C	-10°C
	Pdh (declared heating capacity)	[kW]	14,2	14,2	14,2	19,7	19,7	35,5	35,5	44,2
	COPd (declared COP)	-	1,56	1,56	1,56	1,72	1,72	1,56	1,56	1,63
	WTOL (Heating water Operation Limit)	[°C]	+70°C	+70°C	+70°C	+70°C	+70°C	+70°C	+70°C	+70°C
(F) Tbiivalent temperature	Tblv	[°C]	-7	-7	-7	-7	-7	-7	-7	-7
	Pdh (declared heating capacity)	[kW]	14,9	14,9	14,9	20,8	20,8	37,3	37,3	46,6
	COPd (declared COP)	-	1,72	1,72	1,72	1,89	1,89	1,71	1,71	1,77
Capacity of the back-up heater integrated in the unit	Psup back-up heater (@Tdesignh: -10°C)	[kW]	1,85	1,85	1,85	2,57	2,57	4,63	4,63	5,77

Energy Labelling Regulation: (EU) 811/2013

Ecodesign Regulation: (EU) 813/2013

Details and precautions on installation, maintenance and assembly can be found in the installation and/or operation manuals.

Energy labels and product fiches for additional combinations, packages and other products can be found on "www.daikinapplied.eu".

(*) Sound power in heating mode, measured according to the EN12102 under conditions of the EN14825.

This data is for comparison of Energy efficiencies according to Energy label regulation (EU) 811/2013, for correct selection of products for your application, contact your dealer.

Depending on your application and the product selected an additional supplementary heater may have to be installed.