



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

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)	m³/h	9972	11448	11448	19224	22068	29196	33516
Water to water unit	Rated water/brine flow (outdoor H/E)	m³/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) Tbivalent 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.