

Product fiche

Heat pump low temperature space heater		Outdoor	SEHVX20AAW	SEHVX32AAW	SEHVX40AAW	SEHVX64AAW
Outdoor unit sound power (*)	[dB(A)]		78	80	81	83
Space heating	Energy efficiency class 35°C (Low temp. app.)	-	A+	A	A+	A
Average climate (Design temperature = -10°C)						
Space heating 35°C	P _{rated} (declared heating capacity) @ -10°C	[kW]	21,3	32,1	42,4	71,8
	Seasonal space heating efficiency (η _s)	[%]	126	119	126	119
	Annual energy consumption	[kWh]	13605	21608	27051	48431
off peak operation function integrated in Heat pump		Y/N	N	N	N	N
Colder climate (Design temperature = -22°C)						
Space heating 35°C	P _{rated} (declared heating capacity) @ -22°C	[kW]	16,9	28,8	29,7	51,6
	Seasonal space heating efficiency (η _s)	[%]	102	105	103	112
	Annual energy consumption	[kWh]	15896	26231	27516	44214
Warmer climate (Design temperature = 2°C)						
Space heating 35°C	P _{rated} (declared heating capacity) @ -2°C	[kW]	20,6	31,4	41,3	62,9
	Seasonal space heating efficiency (η _s)	[%]	145	142	145	162
	Annual energy consumption	[kWh]	7190	11214	14423	19738
Ecodesign technical data						
Product description	Air-to-water heat pump	Y/N	Y	Y	Y	Y
	Water-to-water heat pump	Y/N	N	N	N	N
	Brine-to-water heat pump	Y/N	N	N	N	N
	Low-temperature heat pump	Y/N	Y	Y	Y	Y
	Equipped with a supplementary heater	Y/N	N	N	N	N
	Heat pump combination heater	Y/N	N	N	N	N
Air to water unit	Rated airflow (outdoor)	[m³/h]	11100,0	13980,0	22200,0	27960,0
Brine/water to water unit	Rated water/brine flow (outdoor H/E)	[m³/h]	-	-	-	-
Other	Capacity control	-	Y	Y	Y	Y
	P _{off} (Power consumption Off mode)	[kW]	0,078	0,025	0,154	0,050
	P _{to} (Power consumption Thermostat off mode)	[kW]	0,226	0,359	0,452	0,718
	P _{sb} (Power consumption Standby mode)	[kW]	0,078	0,117	0,154	0,234
	P _{CK} (Power crankcase heater model)	[kW]	0,096	0,099	0,192	0,198
	Q _{elec} (Daily electricity consumption)	[kWh]	37,2	59,0	73,9	132,3
	Q _{fuel} (Daily fuel consumption)	[kWh]	0,0	0,0	0,0	0,0
Part load conditions space heating average climate						
(A) condition (-7°C)	P _{dh} (declared heating capacity)	[kW]	17,4	25,3	37,5	63,5
	COP _d (declared COP)	-	2,28	2,09	2,28	2,09
	Cdh (degradation coefficient)	-	1,0	1,0	1,0	1,0
(B) condition (2°C)	P _{dh} (declared heating capacity)	[kW]	10,9	17,3	22,8	38,7
	COP _d (declared COP)	-	3,32	2,99	3,32	2,99
	Cdh (degradation coefficient)	-	1,0	1,0	1,0	1,0
(C) condition (7°C)	P _{dh} (declared heating capacity)	[kW]	7,2	11,1	14,7	24,9
	COP _d (declared COP)	-	3,84	3,95	3,84	3,95
	Cdh (degradation coefficient)	-	1,0	1,0	1,0	1,0
(D) condition (12°C)	P _{dh} (declared heating capacity)	[kW]	5,8	5,3	12,7	23,9
	COP _d (declared COP)	-	4,08	4,60	4,08	4,60
	Cdh (degradation coefficient)	-	1,0	1,0	1,0	1,0
(E) Tol (temperature operating limit)	Tol (Temperature Operating Limit)	[°C]	-10	-10	-10	-10
	P _{dh} (declared heating capacity)	[kW]	17,4	23,3	39,2	66,8
	COP _d (declared COP)	-	1,97	1,86	1,97	1,86
	WTOL (Heating water Operation Limit)	[°C]	35	35	35	35
(F) Tivalent temperature	T _{biv}	[°C]	-7	-6	-7	-6
	P _{dh} (declared heating capacity)	[kW]	17,4	27,2	37,5	60,8
	COP _d (declared COP)	-	2,28	2,15	2,28	2,15
Capacity of the back-up heater integrated in the unit	P _{sup} back-up heater (@Tdesignh: -10°C)	[kW]	0,0	0,0	0,0	0,0
Supplementary capacity at P _{design}	P _{sup} (@Tdesignh: -10°C)	[kW]	3,9	8,8	3,2	5,0

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 "energylabel.daikin.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 directive 2010/30/EC, 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.



