

Specificatii tehnice Pompa de caldura monobloc aer-apa

Datels

			Specificatii				
Model			KS-80W/EN8BP	KS-100W/EN8BP	KS-120W/EN8BP	KS-140W/EN8BP	KS-160W/EN8BP
Capacitate			8kW	10kW	12kW	14kW	16kW
Alimentare	V/Ph/Hz		220-240 / 1 / 50				
Incalzire ¹	Capacitate incalzire	kW	7.9	10.2	12.1	14.5	15.9
	Putere intrare	kW	1.75	2.04	2.57	3.05	3.45
	COP		4.51	5.01	4.7	4.75	4.61
Incalzire ²	Capacitate incalzire	kW	8.3	10.2	12.1	14.5	15.9
	Putere intrare	kW	2.61	2.79	3.36	3.89	4.63
	COP		3.18	3.65	3.6	3.72	3.43
Incalzire ³	Capacitate incalzire	kW	7.6	9.6	12.1	13.8	15.8
	Putere intrare	kW	2.96	3.22	4.11	4.42	6.12
	COP		2.57	2.85	2.94	3.12	2.58
Racire ⁴	Capacitate incalzire	kW	8.1	10.1	11.9	13.5	15.7
	Putere intrare	kW	1.96	2.44	2.93	3.25	4.02
	EER		4.13	4.14	4.06	4.15	3.90
Racire ⁵	Capacitate incalzire	kW	7.5	8.7	10.3	12.7	15.9
	Putere intrare	kW	2.57	2.94	4.09	4.79	6.09
	EER		2.92	2.96	2.52	2.65	2.61
Clasa eficienta energetica	LWT la 35°C		A+++	A+++	A+++	A+++	A+++
	LWT la 55°C		A++	A++	A++	A++	A++
SCOP	LWT la 35°C		4.56	5.02	4.65	4.65	4.55
	LWT la 55°C		3.32	3.51	3.37	3.45	3.36
SEER	LWT la 7°C		4.53	4.61	4.58	4.76	4.5
	LWT la 18°C		6.51	6.55	6.53	6.72	6.5
MOP (Protectie supracurent)	A		21	25	25	30	30
MCA (Curent minim)	A		16	19	23	26	27
Cadere presiune apa	bar		0,39	0,37	0,36	0,38	0,38
Presiune sistem refrigerant (Max. / Min.)			4.5MPa / 1.5MPa				
Agent frigorific	Tip		R32	R32	R32	R32	R32
	Cantitate incarcata	kg	1.3	1.5	1.75	2.1	2.1
Valoare GWP(potential incalzire globala)			675	675	675	675	675
Echivalent CO ²		Tone	0.88	1.01	1.18	1.42	1.42
Compresor	Tip		Twin rotary, DC Inverter				
	Brand		Mitsubishi				
	Model		SVB220FA GMC	SVB220FA GMC	MVB33FBPMC	MVB42FCBMC	MVB42FCBMC
	Cantitate		1	1	1	1	1
	Capacitate	kW	7.10 (@60rps)	7.10 (@60rps)	11.37 (@60rps)	14.38 (@60rps)	14.38 (@60rps)
	Intrare	kW	2.23 (@60rps)	2.23 (@60rps)	3.57 (@60rps)	4.4 (@60rps)	4.4 (@60rps)
	Curent	A	6.6 (@60rps)	6.6 (@60rps)	11 (@60rps)	13 (@60rps)	13 (@60rps)
Ventilator	Tip ulei/cantitate incarcata		FW68S / 460ml	FW68S / 460ml	FW68S / 1100ml	FW68S / 1250ml	FW68S / 1250ml
	Tip motor		Brushless DC motor				
Condensator aer unitate exterioara	Numar ventilatoare		1	1	1	1	1
	Material		Aluminiu hidrofilic & teava cupru				
	Randuri		2	2.5	2.5	3	3
Motor ventilator unitate exterioara	Diametru tub	mm	F7	F7	F7	F7	F7
	Tip ventilator		Axial 3 palete				
	Tip motor		BLDC				
	Model motor		EHTSO1BLQ	EHTSO1CLQ	EHTSO1CLQ	EHTSO1DLQ	EHTSO1DLQ
	Marca motor		Panasonic				
	Cantitate		1	1	1	1	1
Tip regulator	Viteza	rpm	850	850	850	825	825
			Valva de laminare electronica				
Schimbator de caldura apa			Schimbator in placi				
Nivel zgomot ⁶	dB		59	60	64	65	68
Panou control (Standard: LCD)			GR-LC07				
Protectie anti-UV			NU				
Grad protectie umezeala			IPX4				
Conexiune conducta apa	Intrare	mm	F32	F32	F32	F32	F32
	Iesire	mm	F32	F32	F32	F32	F32
Greutate	Net/Brut	kg	80/95	88/104	97/117	117/136	117/136
Dimensiuni (L- W- H)	Net	mm	1125- 370- 680	1135- 370- 803	1135- 370- 803	1203- 435- 860	1203- 435- 860
	Ambalaj	mm	1195- 440- 865	1260- 488- 982	1260- 488- 982	1305- 495- 1040	1305- 495- 1040
	Cantitate incarcare (20GP/40GP)	seturi	42/135	40/84	40/84	38/82	38/82
Temperatura functionare	Racire	°C	-5 la 43				
	Incalzire	°C	-25 la 35				
	ACM	°C	-25 la 43				

Note:

1. Temperatura exterioara 7°C DB, 85% RH; EWT 30°C, LWT 35°C
2. Temperatura exterioara 7°C DB, 85% RH; EWT 40°C, LWT 45°C
3. Temperatura exterioara 7°C DB, 85% RH; EWT 47°C, LWT 55°C

4. Temperatura exterioara 35°C DB, 85% RH; EWT 23°C, LWT 18°C
5. Temperatura exterioara 35°C DB, 85% RH; EWT 12°C, LWT 7°C
6. Standard testat : EN12102-1

