

Specificatii tehnice Pompa de caldura monobloc aer-apa - trifazate -

Dotels | **AXEN**

Model			10kW	12kW	14kW	16kW
Alimentare		V / Ph / H	380-415/ 3~ / 50			
Incalzire ¹	Capacitate incalzire	kW	10.21	12.06	14.47	15.91
	Putere intrare	kW	2.04	2.57	2.99	3.46
	COP		5.01	4.70	4.84	4.65
Incalzire ²	Capacitate incalzire	kW	10.20	12.10	14.50	15.90
	Putere intrare	kW	2.79	3.36	3.89	4.63
	COP		3.65	3.60	3.72	3.43
Incalzire ³	Capacitate incalzire	kW	9.60	12.30	14.10	15.80
	Putere intrare	kW	3.22	4.44	4.52	6.12
	COP		2.98	2.77	3.12	2.58
Racire ⁴	Capacitate racire	kW	10.01	11.85	14.14	15.72
	Putere intrare	kW	2.42	2.72	3.10	4.03
	EER		4.14	4.36	4.56	3.90
Racire ⁵	Capacitate racire	kW	8.78	11.58	14.30	16.00
	Putere intrare	kW	2.97	4.14	5.11	6.12
	EER		2.96	2.80	2.80	2.61
Clasa eficienta energetica	LWT la 35° C		A+++	A+++	A+++	A+++
	LWT at 55° C		A++	A++	A++	A++
SCOP	LWT at 35° C		4.86	4.77	4.67	4.87
	LWT at 55° C		3.51	3.65	3.62	3.6
SEER	LWT at 7° C		5.43	5.45	5.59	5.38
	LWT at 18° C		8.23	8.29	8.33	8.26
MOP(Protectie supracurent)	A		25	30	30	30
MCA(Curent minim)	A		20	24	25	26
Presiune cadere apa	kPa		37	36	38	38
Presiune sistem refrigerant (Max. / Min.)			4.5MPa / 1.5MPa			
Refrigerant	Tip		R32			
	Cantitate incarcata	kg	1.5	1.75	2.1	2.1
Valoare GWP (potential incalzire globala)			675	675	675	675
Echivalent CO ²		Tone	1.013	1.181	1.417	1.417
Compresor	Tip		Twin rotary DC inverter			
	Brand		Mitsubishi			
	Model		SVB220FLGMC-L	MVB33FBBMC	MVB42FCBMC-L	MVB2FCBMC-L
	Cantitate		1	1	1	1
	Capacitate	kW	7.10 @ (60rps)	11.37 @ (60rps)	14.38 @ (60rps)	14.38 @ (60rps)
	Intrare	kW	2.23 @ (60rps)	3.57 @ (60rps)	4.4 @ (60rps)	4.4 @ (60rps)
	Curent	A	6.6 @ (60rps)	11 @ (60rps)	13 @ (60rps)	13 @ (60rps)
Tip ulei/Cantitate incarcata			FW68S / 460ml	FW68S / 1100ml	FW68S / 1250ml	FW68S / 1250ml
Ventilator	Tip motor		Brushless DC motor			
	Numar ventilatoare		1	1	1	1
Condensator aer unitate exterioara	Material					
	Randuri		2.5	2.5	3	3
	Diametru tub	mm	Ø7	Ø7	Ø7	Ø7
Motor ventilator	Tip ventilator		Axial 3 palete			
	Tip motor		BLDC			
	Model motor		EHTS03CLQ	EHTS03CLQ	EHTS01DLQ	EHTS01DLQ
	Marca motor		Panasonic			
	Cantitate		1	1	1	1
Viteza		rpm	850	850	825	825
Tip regulator			Valva de laminare electronica			
Schimbator de caldura apa			Schimbator in placi			
Nivel zgomot ⁶		dB	60	64	65	68
Panou control (Standard: LCD)			GR-LC07			
Protectie anti-UV			NO			
Grad protectie umezeala			IPX4			
Conexiune conducta apa	Intrare	mm	Ø33	Ø33	Ø33	Ø33
	Iesire	mm	Ø33	Ø33	Ø33	Ø33
Greutate	Net/Brut	kg	100/117	109/126	131/150	131/150
	Net	mm	1135x370x803	1135x370x803	1203x435x860	1203x435x860
Dimensiuni (LxWxH)	Ambalaj	mm	1260x488x982	1260x488x982	1305x495x1040	1305x495x1040
	Cantitate incarcare (20GP/40GP)	set				
Temperatura functionare	Racire	°C	-5 to 43			
	Incalzire	°C	-25 to 35			
	ACM	°C	-25 to 43			
Note:						
1. Temperatura exterioara 7° C DB ,85% R.H ; EWT 30° C, LWT 35° C						
2. Temperatura exterioara 7° C DB ,85% R.H ; EWT 40° C, LWT 45° C						
3. Temperatura exterioara 7° C DB ,85% R.H ; EWT 47° C, LWT 55° C						
4. Temperatura exterioara 35° C DB ,85% R.H ; EWT 23° C, LWT 18° C						
5. Temperatura exterioara 35° C DB ,85% R.H ; EWT 12° C, LWT 7° C						
6. Standard testat: EN12102-1						

