

# Specificatii tehnice Pompa de caldura split aer-apa - monofazate -



Capacitate			4kW	6kW	8kW	10kW	12kW	14kW	16kW
Model			KFS-40W/N8BP	KFS-60W/N8BP	KFS-80W/N8BP	KFS-100W/N8BP	KFS-120W/N8BP	KFS-140W/N8BP	KFS-160W/N8BP
Alimentare			220-240 / 1 / 50						
Incalzire <sup>1</sup>	Capacity	kW	4,2	6,0	7,9	9,7	12,1	14,3	16,2
	Rated input	kW	0,86	1,23	1,75	2,10	2,68	3,10	3,67
	COP		4,89	4,89	4,52	4,61	4,52	4,61	4,41
Incalzire <sup>2</sup>	Capacity	kW	4,1	6,1	8,3	9,9	11,6	14,5	16,2
	Rated input	kW	1,18	1,70	2,41	2,83	3,66	3,89	4,48
	COP		3,47	3,58	3,45	3,48	3,17	3,72	3,62
Incalzire <sup>3</sup>	Capacity	kW	4,0	6,2	8,0	9,9	11,7	13,8	16,2
	Rated input	kW	1,65	2,18	2,96	3,58	4,30	4,42	5,59
	COP		2,42	2,84	2,70	2,77	2,72	3,12	2,90
Racire <sup>4</sup>	Capacity	kW	4,2	6,2	8,1	10,3	12,1	13,5	14,9
	Rated input	kW	0,78	1,29	1,76	2,25	2,99	3,75	4,38
	EER		5,41	4,81	4,59	4,58	4,04	3,65	3,41
Racire <sup>5</sup>	Capacity	kW	4,2	6,0	7,7	9,6	10,9	12,7	14,0
	Rated input	kW	1,35	2,04	2,77	3,26	4,09	4,98	5,71
	EER		3,12	2,94	2,78	2,94	2,66	2,55	2,45
Clasa de eficienta sezoniera	LWT at 35°C		A+++	A+++	A+++	A+++	A+++	A+++	A+++
	LWT at 55°C		A++	A++	A++	A++	A++	A++	A++
SCOP incalzire	LWT at 35°C		4,88	4,90	4,61	4,82	4,70	4,56	4,56
	LWT at 55°C		3,40	3,36	3,20	3,21	3,37	3,33	3,36
SEER racire	LWT at 7°C		5,33	5,27	5,23	5,12	4,91	4,76	4,63
	LWT at 18°C		8,29	8,34	8,19	8,23	7,82	6,72	6,51
MOP(Protectie supracurent)	A		38	38	38	38	48	48	48
MCA(Curent minim)	A		25	27	29	32	39	40	40
Cadere presiune apa	kPa		25	25	39	37	36	38	38
Presiune sistem refrigerant (Max. / Min.)			4,5MPa / 1,5MPa						
Agent frigorific	Tip		R32						
	Incarcare	kg	1,40	1,40	1,50	1,60	1,75	1,84	1,84
GWP			675	675	675	675	675	675	675
Echivalent CO <sub>2</sub>	Tone		0,945	0,945	1,013	1,080	1,181	1,242	1,242
Compressor	Tip		Twin rotary DC inverter						
	Marca		Mitsubishi						
	Model		SVB172FNPNC	SVB172FNPNC	SVB220FAGMC-L	SVB220FAGMC-L	MVB33FBPMC	MVB42FCBMC-L	MVB42FCBMC-L
	Capacitate	kW	1	1	1	1	1	1	1
	Intrare	kW	5,54 (@60rps)	5,54 (@60rps)	7,10 (@60rps)	7,10 (@60rps)	11,37 (@60rps)	14,38 (@60rps)	14,38 (@60rps)
	Curent	A	1,73 (@60rps)	1,73 (@60rps)	2,23 (@60rps)	2,23 (@60rps)	3,57 (@60rps)	4,4 (@60rps)	4,4 (@60rps)
	Tip ulei / Incarcare		FW685 / 600ml	FW685 / 600ml	FW685 / 460ml	FW685 / 460ml	FW685 / 1100ml	FW685 / 1250ml	FW685 / 1250ml
Ventilator exterior	Tip motor		Motor fara perii curent continuu						
	Numar ventilatoare		1	1	1	1	1	1	1
Schimbator de caldura	Material		Aluminiu hidrofilic & teava cupru						
	Randuri		2	2	2	2,5	2,5	3	3
	Dimensiune tub	mm	Ø7	Ø7	Ø7	Ø7	Ø7	Ø7	Ø7
Motor ventilator	Tip ventilator		Axial 3 palete						
	Tip motor		BLDC						
	Model motor		RD80HAS	RD80HAS	EHTS03BLQ	EHTS03CLQ	EHTS03CLQ	EHTS01DLQ	EHTS01DLQ
	Marca motor		LT motor			Panasonic			
	Capacitate		1	1	1	1	1	1	1
	Viteza	rpm	850	850	850	850	850	825	825
Tip regulator		Valva de laminare electronica							
Schimbator de caldura apa	Schimbator de caldura in placi								
	Tip		Flare	Flare	Flare	Flare	Flare	Flare	Flare
	Lichid (OD)	mm	Ø6.35	Ø6.35	Ø9.52	Ø9.52	Ø9.52	Ø9.52	Ø9.52
	Gaz (OD)	mm	Ø15.88	Ø15.88	Ø15.88	Ø15.88	Ø15.88	Ø15.88	Ø15.88
	Lungime minima teava	m	2	2	2	2	2	2	2
Diferenta de nivel la instalare	Unitate exterioara sus	m	8	8	8	8	8	8	8
	Unitate exterioara jos	m	8	8	8	8	8	8	8
Nivel zgomot <sup>6</sup>	Unitate interioara	dB	42	42	42	42	42	42	42
	Unitate exterioara	dB	56	58	59	60	64	65	68
Controler (Standard: LCD)		GR-LC07 (NO WIFI) sau GR-LC07-1 (WIFI) sau GR-LC10							
Rezistenta la umiditate		IPX4							
Greutate net/brut	Unitate interioara net/brut	kg	34/38	34/38	35/39	36/40	37/41	41/46	41/46
	Unitate exterioara net/brut	kg	51/62	51/62	53/64	67/78	75/85	93/108	93/108
Dimensiuni	Unitate exterioara -net	mm	982x425x712	982x425x712	982x425x712	1003x448x809	1003x448x809	1104x492x860	1104x492x860
	Unitate exterioara-brut	mm	1025x465x865	1025x465x865	1025x465x865	1045x458x970	1045x458x970	1165x500x1040	1165x500x1040
	Unitate interioara-net	mm	909x465x273	909x465x273	909x465x273	909x465x273	909x465x273	909x465x273	909x465x273
	Unitate interioara-brut	mm	960x525x345	960x525x345	960x525x345	960x525x345	960x525x345	960x525x345	960x525x345
Temperatura de functionare	Racire	°C	-5-43						
	Incalzire	°C	-25-35						
Apa calda menajera	°C	-25-43							

Note:  
 1. Temperatura exterioara 7 DB,85% RH; EWT 30 LWT 35  
 2. Temperatura exterioara 7 DB,85% RH; EWT 40 LWT 45  
 3. Temperatura exterioara 7 DB,85% RH; EWT 47 LWT 55  
 4. Temperatura exterioara 35 DB,85% RH; EWT 23 LWT 18  
 5. Temperatura exterioara 35 DB,85% RH; EWT 12 LWT 7  
 6. Test standard EN12102-1

## Unitate exterioara



## Unitate interioara

