

HEAT PUMPS

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Refta



compressor











	Туре	SZH 19	SZH 21	SZH 26	SZH 30	SZH 38	SZH 45	SZH 56	
TECHNICAL DATA									
W0/W35*									
Nominal heating capacity	kW	6,6	7,3	9,3	10,7	13,1	15,7	19,8	
Cooling cpacity	kW	5	5,6	7,2	8,2	10,2	12,2	15,2	
Power consumption	kW	1,6	1,7	2,2	2,5	3,1	3,6	4,9	
Coefficient of efficiency (COP)		3,99	4,2	4,25	4,19	4,26	4,3	4,03	
W0/W50**			'						
Nominal heating capacity	kW	6,2	6,9	8,6	10	12,4	14,8	18,3	
Cooling capacity	kW	4,1	4,6	5,8	6,7	8,4	10,1	12,5	
Power consumption	kW	2,2	2,3	2,9	3,4	4,1	4,9	6,1	
Coefficient of efficiency (COP)		2,83	2,93	2,95	2,91	2,99	2,98	3	
HEATING CIRCUIT									
Flow rate***	m³/h	0,6	0,8	1,1	1,4	1,7	2	2,3	
Max. inlet temperature	°C				55				
ETHYLENE GLYCOL CIRCUIT									
Flow rate***	m³/h	1,3	1,8	2,4	3,1	3,6	4,2	4,8	
Max. inlet temperature	°C				25				
Min. inlet temperature	°C				-5				
			ELECTRIC PAR	AMETERS					
Nominal voltage	V				380 V 500 Hz			200	
Total current	A	6	5,2	6,8	8,2	10,1	11,8	16	
Starting current (the rotor is blocked)	A	32	32	46	51,5	64	74	99	
Fuse (automatic device)	A	10	10	10	16	16	20	25	
Protection class IP21									
ELECTRIC PARAMETERS OF A CONTROL CIRCUIT									
Power supply	V				230 V 50 Hz				
Security automaton	A 6								
	HEATING ELEMENT ELECTRIC PARAMETERS****								
Power supply	V		· · ·		380 V 50 Hz				
Capacity	kW	/	/	7,5	7,5	7,5	9	12	
D.C.			REFRIGERATIO	N CIRCUIT	D.187				
Refrigerant					R407c		10		
Refuelling of a coolant	kg	0,6	0,8	0,9	1	1,1	1,2	1,4	
Compressor	Type Scroll OVERALL DIMENSIONS OF THE UNIT								
Langth		OVER	ALL DIMENSIO	NO OF THE UNI	562				
Length Width	mm				715				
100000000000000000000000000000000000000	mm				/15 1115				
Height	mm		WORKING	ESSUBT	1115				
Heating aircuit	WORKING PRESSURE ating circuit 4								
Heating circuit	bar				4				
Ethylene glycol circuit bar CONNECTIONS									
Inlet and outlet lines of a heating circuit	R(vid.) 1"								
Inlet and outlet lines of a fleating circuit	R(vid.)				<u></u>				
WEIGHT									
Total weight	ka	75	85	85	105	105	120	120	
Total weight	kg	/5	- 65	- 00	105	105	120	120	

^{****} Working point W0 = brine temperature on exit 0°C/W35 = coolant temperature on exit 35°C. According to EN 255

** Working point W0 = brine temperature on exit 0°C/W50 = coolant temperature on exit 50°C. According to EN 225

*** The minimum expense is subject to obligatory observance.

**** Heating element ordered in addition, it is not speciffied in technical parameters



EWP - Heat pump

GT8 - Temp. sensor on supply line

GT9 - Temp. sensor on return line

GT10 - Outer circuit inlet temp. sensor

GT11 - Outer circuit outlet temp. sensor

HP - High pressure sensor

HR - System return line

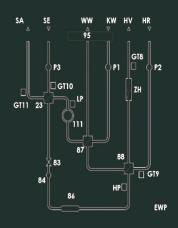
HV - System supply line

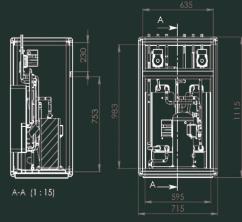
SA - Outer circuit outlet

SE - Outer circuit inlet

KW - Cold water supply

LP - Low pressure sensor





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