

PAC HT

HIGH TEMPERATURE AIR-TO-WATER HEAT PUMPS

3 Models
From 6.5 kW to 8.9 kW



PERFORMANCE AND EFFICIENCY

- Hot water supply of 65°C even at -20°C outdoor ambient temperature without support of electrical heater.
- The only appliance that guarantees the same performance at +7°C and -7°C.
- High performance and operation at up to -20°C outdoor temperature with dual compressor technology.
- Exceptionally high coefficient of performance (COP) of up to 4.12.

COMFORT

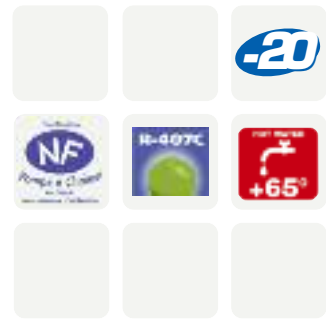
- Solution optimised for comfort.
- Quiet operation.
- Optimum performance with SCROLL compressors enabling a large operating limit and low consumption.
- Electronic control board and thermostats let you adjust the temperature to the level you want.
- Clean energy - no waste or pollution

SIMPLICITY

- All-in-one system guarantees heating and clean hot water.
- Quick and inexpensive to install and maintain, boiler replaced without specific modification to your existing installation.
- Thermodynamic production and management of domestic hot water (DHW) with anti-legionella treatment.

Accessories	Size	PAC HT 12-6	PAC HT 14-7	PAC HT 18-9
Stop valves with pressure connectors	7ACFH0423	€		
Flexible kit 1" MF log. 1 m	7ACFH0422	€		
3 ways zone valve only	7ACFH0543	€		
ECS 300 l Kit (sanitary hot water)	7ACFH0662	€*		
150 l water tank	7ACFH0663	€*		
Double zone	7ACFH0664	€*		

* (available from 2009)



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Outdoor units			PAC HT 12-6	PAC HT 14-7	PAC HT 18-9
Outdoor air condition + 7°C					
Heating	Single compressor heating capacity / water system 30/35°C	kW	6.5	7.9	8.9
	Power input	kW	1.7	2.0	2.2
	COP		3.84	4.00	4.12
	Single compressor heating capacity / water system 40/45°C	kW	6.2	7.5	8.4
	Power input	kW	2.0	2.3	2.5
	COP		3.14	3.23	3.36
	Dual compressor heating capacity / water system 40/45°C	kW	12.0	14.3	17.9
	Power input	kW	4.4	4.9	6.1
	COP		2.73	2.90	2.93
Outdoor air condition + 2°C					
Heating	Dual compressor heating capacity / water system 50°C	kW	10.4	12.4	15.4
	Power input	kW	4.4	4.9	6.1
	COP*		2.37	2.50	2.52
Outdoor air condition 0°C					
Heating	Dual compressor heating capacity / water system 65°C	kW	10.0	12.0	14.8
	Power input	kW	5.1	6.0	7.3
	COP*		1.96	2.0	2.03
Outdoor air condition -7°C					
Heating	Dual compressor heating capacity / water system 65°C	kW	8.9	10.7	13.1
	Power input	kW	4.7	5.6	6.6
	COP*		1.87	1.91	1.98
Outdoor air condition -15°C					
Heating	Dual compressor heating capacity / water system 65°C	kW	7.3	9.3	11.4
	Power input	kW	4.2	5.3	6.0
	COP*		1.75	1.76	1.88
Outdoor air condition -20°C					
Heating	Dual compressor heating capacity / water system 65°C	kW	6.3	8.5	10.5
	Power input	kW	3.8	5.0	5.7
	COP*		1.66	1.70	1.85
	Nominal water flow	m ³ /h	1.03	1.23	1.48
	Available hydraulic pressure (HS)	kPa	52	50	48
	Outdoor temperature operating limits	°C	-20°C	-20°C	-20°C
	Min./max water leaving temperature	°C	25°C / 65°C	25°C / 65°C	25°C / 65°C
	Sound pressure level at 5 m in open space	dB(A)	42	42	42
	Sound power level	dB(A)	67	67	67
	Compressor type		2 Scroll compressors	2 Scroll compressors	2 Scroll compressors
	Weight	kg	195	201	208
	Dimension (LxDxH)	mm	1150x401x1309	1150x401x1309	1150x401x1309
	Heat exchanger type		Plates	Plates	Plates
Pipe line	Water inlet	inches	1" F	1" F	1" F
	Water outlet	inches	1" F	1" F	1" F
Power supply 1-230V-50Hz	Power cable	mm ²	3x6	3x6	-
	Main fuse	A	32	32	-
Power supply 3N-400V-50Hz	Power cable	mm ²	5x2.5	5x2.5	5x2.5
	Main fuse	A	16	16	16

* Value includes defrosting.

Accessories		Size	PAC HT 12-6	PAC HT 14-7	PAC HT 18-9
Reheater 6kW	7ACFH0665	€*			
Remove sensor	7ACEL1533	€*			
Rubber pad (pair)	7ACTL0472	€*			
Decanting filter	7ACFH0666	€*			
Tri-phase softstarter	7ACEL1535	€**			

* (available from 2009) - ** Not available yet