

MCH-V

AIR/WATER HEAT PUMPS MINI CHILLER

3 Heat Pump models
from 8,6 kW to 14,5 kW

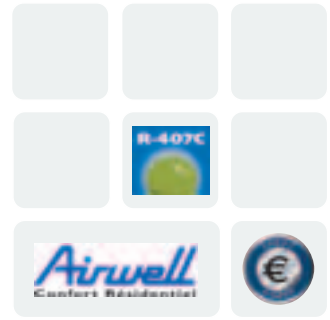
OUTDOOR UNIT **MCH 08-10-12 V**



PRODUCT ADVANTAGES

- Monobloc system with integrated hydraulic kit.
- "Plug and Play" system.
- No-frost protection.
- Compatible with chilled indoor units and heating floor.
- Scroll compressor.
- Phase controller.
- Softstarter.
- HP-LP pressostats.
- Plate heat exchanger stainless steel.
- 34 L Buffer tank with 2 stages electric heater.
- Circulation pump.
- Expansion tank (5l).
- Water filter.
- Disconnecting switch.
- Room thermostat.
- Remote regulation and programming.
- Heating mode operation down to outdoor -15°C.
- Water outlet temperature range 25/55°C.

Accessories	Size	MCH 08-V	MCH 10-V	MCH 12-V
Water flexible kit (x2)	Part number	7ACFH0422	7ACFH0422	7ACFH0422
	Price €			
Manometer kit	Part number	7ACFH0416	7ACFH0416	7ACFH0416
	Price €			
Exchanger protection grill	Part number	7ACVF0203	7ACVF0203	7ACVF0203
	Price €			
Softstarter (Single phase only)	Part number	7ACFH0487	7ACFH0487	7ACFH0487
	Price €			



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		MCH 08-V	MCH 10-V	MCH 12-V		
Heating/Cooling floor application						
Heating	Capacity ⁽¹⁾	kW	8,6	11,7	14,5	
	Input power*	kW	2,25	3,05	3,95	
	COP		3,8	3,8	3,7	
	Capacity at - 7°C	kW	5,4	7,6	9,3	
	Input power at - 7°C	kW	2,25	3,05	3,65	
	Water flow (Heating)	m ³ /h	1,44	2,04	2,49	
	Outdoor temperature operating limits	°C	-15°/ 20°	-15°/20°	-15°/20°	
	Outlet water temperature	°C	25°/ 55°	25°/55°	25°/55°	
	Cooling	Capacity	kW	8,2	11,5	14,4
Input power		kW	2,95	3,85	4,85	
EER			2,8	3,0	3,0	
Outdoor temperature operating limits		°C	10°/46°	10°/46°	10°/46°	
Outlet water temperature		°C	5°/18°	5°/18°	5°/ 18°	
Fan coils units application						
Heating	Capacity ⁽²⁾	kW	8,5	11,4	14,1	
	Input power*	kW	2,85	3,85	4,65	
	COP		3,0	3,1	3,0	
	Capacity at - 7°C	kW	5,2	7,2	8,9	
	Input power at - 7°C	kW	2,75	3,55	4,45	
Cooling	Capacity	kW	6,2	9	11	
	Input power	kW	2,55	3,45	4,55	
	EER		2,4	2,6	2,4	
Outdoor unit	Sound pressure level at 4 m	dB(A)	44	44	44	
	Sound power level	Lw(dB)	64	64	64	
	Airflow	m ³ /h	5700	5700	5700	
	Number of fan		2	2	2	
	Exchanger type		Plate Heat Exchanger Stainless Steel			
	Water circuit Inlet	Inches	1"	1"	1"	
	Water circuit Outlet	Inches	1"	1"	1"	
	Expansion tank	l	5	5	5	
	Electric heater 2 stages	kW	6 (4 + 2)	6 (4 + 2)	6 (4 + 2)	
	Compressor type		Scroll	Scroll	Scroll	
	Number of compressor		1	1	1	
	Dimensions (WxDxH)	mm	1180x400x1310	1180x400x1310	1180x400x1310	
	Weight	kg	185	195	197	
	Power supply 2-230V-50Hz	Power cable section**	mm ²	3x10	3x16	3x16
		Fuse rating am	A	50	63	63
Power supply 3-400V-50Hz	Power cable section**	mm ²	5x2,5	5x4	5x4	
	Fuse rating am	A	20	20	25	
Basic Models		MCH 08-V	MCH 10-V	MCH 12-V		
To specify with the order : Power supply Single phase -Models 08/10/12) or Three phase (models 10/12)						
		€				
Codified Models (Single phase and softstarter for models 10&12)						
Part number		70G012081	70G012187	70G012188		
Price	€					
Factory Fitted Options (To specify with the order)			Add surplus value to basic model price			
Softstater (Single phase model only)	€		(Bounden)	(Bounden)		
Exchanger protection grill	€					
Exchanger Cu/Cu	€					
High Performance ZH compressor (Size 8 et 10 : single phase and 3 phases - Size 12 : 3 phases)	€					
Blygold exchanger Treatment	€		Consult us			

⁽¹⁾ Outdoor Temperature = 7 °C, water temperature = 30/35 °C. / ⁽²⁾ Outdoor Temperature = 7 °C, water temperature = 40/45 °C. / * Raw value (without circulator).

** These values are given as an indication, they must be adjusted according to the existing standards: they depend on the installation and choice of the electrical conductors.

BE Careful : Codified products. To specify with the order the model (Single or Three phase), Factory Fitted Options and accessories