



RCH-V

WATER/AIR RELIEF OF BOILER

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

OUTDOOR UNIT RCH 08-10-12 V



PRODUCT ADVANTAGES

- Monobloc system with integrated hydraulic kit.
- "Plug and Play" system.
- Hydraulic connexion kit.
- Regulation kit.
- No-frost protection.
- Scroll compressor.
- Phase controller.
- Softstarter.
- Installation on existing heating circuit.
- Plate heat exchanger stainless steel.
- Circulation pump.
- Water filter.
- Disconnecting switch.
- Room thermostat.
- Remote regulation.
- Electronic regulation with compensation outdoor air temperature in heating mode.
- Heating mode operation down to outdoor -15°C.
- Water outlet temperature range 25/55°C.
- Low noise fan.

Accessories	Size	RCH 08-V	RCH 10-V	RCH 12-V
Water flexible kit (x2)	Part number	7ACFH0422	7ACFH0422	7ACFH0422
	Price €			
Isolating valves	Part number	7ACFH0423	7ACFH0423	7ACFH0423
	Price €			
Hydraulic connexion kit with 3 ways valve	Part number	7ACFH0490	7ACFH0490	7ACFH0490
	Price €			
Hydraulic connexion kit without 3 ways valve	Part number	7ACFH0491	7ACFH0491	7ACFH0491
	Price €			
Regulation kit with room thermostat	Part number	7ACFH0492	7ACFH0492	7ACFH0492
	Price €			
Regulation kit with wireless thermostat	Part number	7ACEL1429	7ACEL1429	7ACEL1429
	Price €			
Disconnecting switch for single phase models	Part number	7ACEL1396	7ACEL1396	7ACEL1396
	Price €			
Disconnecting switch for 3 phases models	Part number	7ACEL1422	7ACEL1422	7ACEL1422
	Price €			
Buffer tank 30 l	Part number	7ACFH0484	7ACFH0484	7ACFH0484
	Price €			
Water filter	Part number	7ACFH0278	7ACFH0278	7ACFH0278
	Price €			
Exchanger protection grill	Part number	7ACVF0203	7ACVF0203	7ACVF0203
	Price €			
Softstarter	Part number	7ACFH0487	7ACFH0487	7ACFH0487
	Price €			
Room thermostat	Part number	7ACEL1406	7ACEL1406	7ACEL1406
	Price €			
Programing key kit for underfloor heating	Part number	7ACEL1399	7ACEL1399	7ACEL1399
	Price €			
Programing key kit for radiator	Part number	7ACEL1400	7ACEL1400	7ACEL1400
	Price €			

		RCH 08-V	RCH 10-V	RCH 12-V		
Heating 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	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°	
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	
	Outdoor temperature operating limits	°C	-5°/20°	-5°/20°	-5°/20°	
	Outlet water temperature	°C	25°/55°	25°/55°	25°/55°	
	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			Coaxial	Coaxial	Coaxial	
Water circuit Inlet		Inches	1"	1"	1"	
Water circuit Outlet		Inches	1"	1"	1"	
Compressor type			Scroll	Scroll	Scroll	
Number of compressor			1	1	1	
Dimensions (WxDxH)		mm	1180x400x1310	1180x400x1310	1180x400x1310	
Weight		kg	150	153	158	
Power supply 2-230V-50Hz		Power cable section**	mm ²	3x2,5	3x4	3x6
		Fuse rating am	A	20	25	32
Power supply 3-400V-50Hz		Power cable section**	mm ²	5x2,5	5x2,5	5x2,5
	Fuse rating am	A	12	16	16	

⁽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.

		RCH 08-V	RCH 10-V	RCH 12-V
Configured models				
Part number Single phase Radiator version		70G012203	-	-
Price	€		-	-
Part number Three phase Radiator version		-	70G012201	70G012196
Price	€	-		
Part Number Single phase Radiator version with sofstarter		-	70G012198	70G012193
Price	€	-		
Part Number Three phase Radiator version with disconnecting switch		-	70G012202	70G012197
Price	€	-		
Part Number Single phase Radiator version with sofstarter and disconnecting switch		70G012190	70G012191	70G012192
Price	€			
Part Number Single phase Radiator version with sofstarter, disconnecting switch and Reinforced soundproofing		70G012205	70G012199	70G012195
Price	€			
Part Number Single phase heating floo version with sofstarter, disconnecting switch and Reinforced soundproofing		70G012204	70G012200	70G012194
Price	€			
Model to be configured	€			
Factory Fitted Options (To specify with the order)		Add surplus value to basic model price		
Softstater (Single phase model only)	€		(Bounden)	(Bounden)
Disconnecting switch	€			
Expansion tank (5 IL)	€			
High pressure water pump 35 kPa	€			
Reinforced soundproofing	€			
Exchanger protection grill	€			
Phase controller (Three phase model only)	€			
Water filter	€			
Room thermostat	€			
High Performance ZH compressor (Size 8 et 10 : single phase and 3 phases - Size 12 : 3 phases)	€			
BE Careful : Codified products. To specify with the order the model (Single or Three phase), Factory Fitted Options and accessories				