

BOILERS AND HYBRID SOLUTIONS

HYBRID SOLUTIONS

HEAT PUMPS HP 5-16 A-W

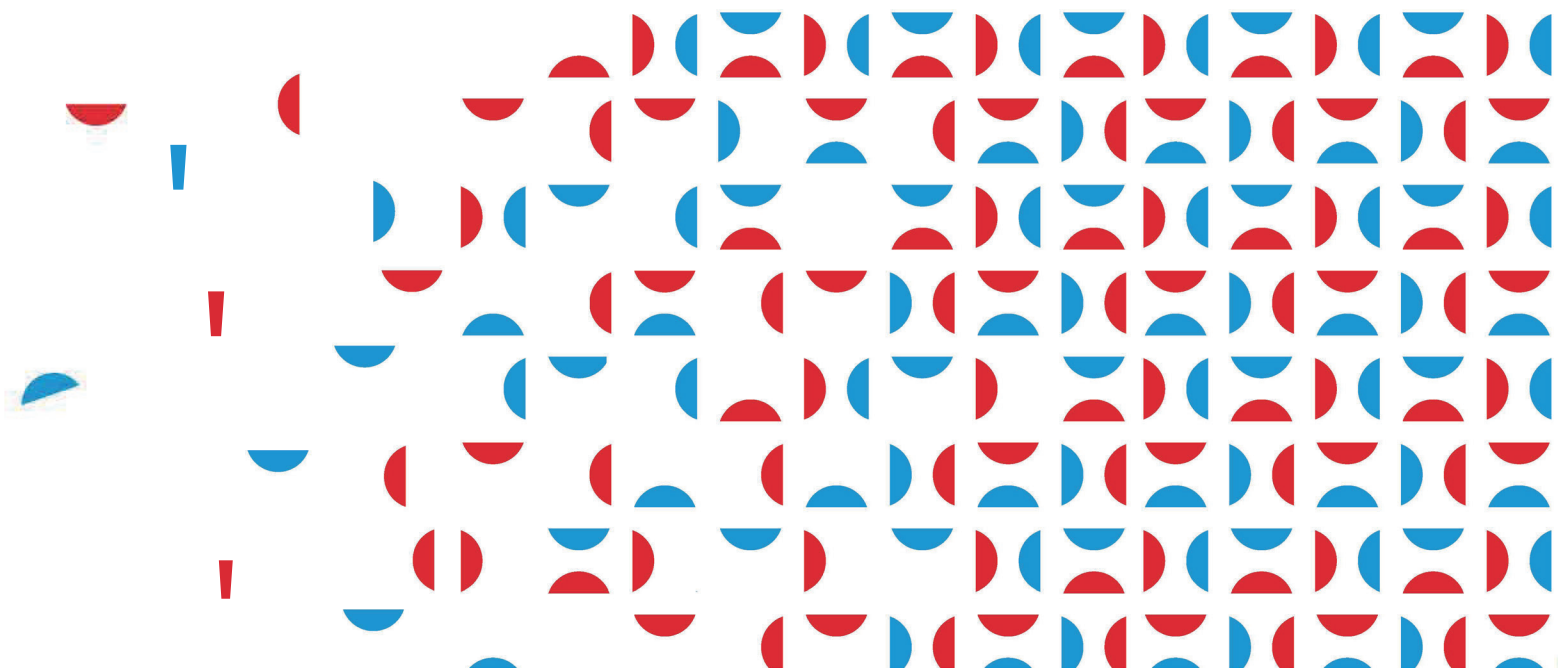


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Hybrid solutions

HEAT PUMPS HP 5-16 A-W

High efficiency air/water heat pumps (class A++ and A+++) reversible with DC inverter compressor, Brushless DC fans and DC inverter circulator for heating up to 60°C and external temperature up to -20°C.
MONOBLOCK versions with integrated hydronic unit.

Refrigerant gas R 32.

Suitable for the creation of hybrid systems together with CONDENSA series gas boilers, INWALL HYBRID, and solar thermal systems.



Codes/Prices

Model	Code	Price
HP5 A-W	344090001X	
HP8 A-W	344090002X	
HP11 A-W	344090003X	
HP16 A-W	344090004X	

Technical features

Mod.	HEATING						COOLING								OPERATIONAL LIMITS						Water flow	Min. water content
	LWT 35°C-OAT 7° C			LWT 55°C-OAT 7° C			Energy efficiency class		LWT 18°C-OAT 35°C		LWT 7°C-OAT 35°C		External temperature		Water temperature range							
	Output power	Input power	COP	Output power	Input power	COP	SCOP	ηs	with discharge temperature	Output power	Input power	EER	Output power	Input power	EER	Heat.	Cool.	Heat.	Cool.			
																				35°C		
HP5 A-W	5,00	0,99	5,05	5,00	1,64	3,05	4,59	180	A+++	A+++	5,00	1,00	5,00	5,00	1,56	3,20	-25 -35	10-46	25-60	5-20	14,3	30
HP8 A-W	7,80	1,77	4,40	7,10	2,76	2,54	3,87	152	A++	A+	7,00	1,89	3,70	5,50	2,34	2,35	-25 -35	10-46	25-55	5-20	23,0	40
HP11 A-W	11,00	2,61	4,22	9,99	4,40	2,27	4,35	171	A++	A++	13,50	2,94	4,60	11,50	3,83	3,00	-25 -35	10-46	25-55	5-20	31,5	55
HP16 A-W	16,00	3,86	4,15	14,01	5,63	2,49	4,00	157	A++	A+	16,00	3,64	4,40	14,50	4,92	2,95	-25 -35	10-46	25-55	5-20	45,8	80

Mod.	Pipes liquid		Compressor brand		Refrigerant gas	Refrigerant charge	CO² metric tons consumption	Net dimensions (gross)			Weight	Sound power	Power supply	Max power
	In/Out inch	quantity n°		brand	mbar	kg	tCO2EQ	L mm	P mm	H mm	net/ gross kg	dB(A)	Ph-V /Hz	A
HP5 A-W	¾" F	1	DC inverter twin rotary	Mitsubishi Electric	R32	1,00	0,709	920 (1045)	372 (488)	760 (875)	69/80	61	1/220-240 /50-60	13,5
HP8 A-W	1" F	1	DC inverter twin rotary	Mitsubishi Electric	R32	1,15	0,777	950 (1010)	370 (480)	970 (1108)	87/97	64	1/220-240 /50-60	21,3
HP11 A-W	1" F	1	DC inverter twin rotary	Mitsubishi Electric	R32	2,40	1,620	950 (1010)	370 (480)	1500 (1638)	145/157	67	1/220-240 /50-60	24,3
HP16 A-W	1" F	1	DC inverter twin rotary	Mitsubishi Electric	R32	2,60	1,755	950 (1010)	370 (480)	1500 (1638)	145/157	68	1/220-240 /50-60	31,7

Optional accessories

Optional accessories for heat pumps series RAI 5%16	Code	Price
Energy Manager for boiler management	344070026X	