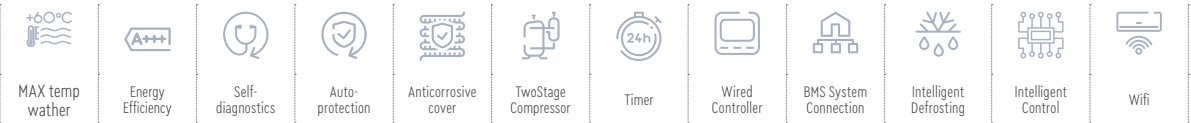


UNITHERM 3
ALL-IN-ONE



INVERTER

R32



			CH-HP6.0WTSIRK3	CH-HP8.0WTSIRK3	CH-HP10WTSIRK3	CH-HP12WTSIRK3	CH-HP14WTSIRK3	CH-HP16WTSIRK3
Capacity*	Cooling	kW	5.80	7.00	8.50	11.00	12.60	13.00
	Heating	kW	6.00	8.00	9.50	12.00	14.00	15.50
Power input*	Cooling	kW	1.32	1.75	2.24	2.50	3.41	3.60
	Heating	kW	1.20	1.70	2.07	2.40	2.98	3.44
EER *			4.40	4.00	3.80	4.40	3.70	3.60
COP*			5.00	4.70	4.60	5.00	4.70	4.50
Capacity*	Cooling	kW	4.09	5.30	6.50	10.59	11.07	11.51
	Heating	kW	5.90	8.00	9.50	12.40	14.48	16.09
Power input*	Cooling	kW	1.28	1.73	2.27	3.79	4.18	4.49
	Heating	kW	1.51	2.14	2.64	3.29	3.93	4.44
EER **			3.20	3.00	2.90	2.79	2.65	2.57
COP **			3.90	3.70	3.60	3.77	3.68	3.62
Refrigerant charge volume		kg	1.00	1.60	1.60	1.84	1.84	1.84
Power supply			~220-240V/50 Hz/1 Ph					
Sound pressure level	Cooling	dB (A)	52	55			68	
	Heating	dB (A)	52	55			68	
Dimensions (W×D×H)	Indoor unit	mm	600×600×1756					
	Outdoor unit	mm	975×396×702	982×427×787			940×460×820	
Net weight	Indoor unit	kg	210					
	Outdoor unit	kg	55	82			110	
Water circulating pipe inlet/outlet, DHW			1" Male BSP					
Diameter of pipe	Liquid	Inch (mm)	1/4" (6.35)					
	Gas	Inch (mm)	1/2" (12.7)					

			CH-HP12WTSIRM3	CH-HP14WTSIRM3	CH-HPWT16SIRM3
Capacity*	Cooling	kW	11.00	12.60	13.00
	Heating	kW	12.00	14.00	15.50
Power input*	Cooling	kW	2.50	3.41	3.60
	Heating	kW	2.40	2.98	3.44
EER *			4.40	3.70	3.60
COP *			5.00	4.70	4.51
Capacity*	Cooling	kW	10.65	11.24	11.52
	Heating	kW	12.29	14.44	16.13
Power input**	Cooling	kW	3.74	4.13	4.38
	Heating	kW	3.09	3.63	4.16
EER **			2.85	2.72	2.63
COP **			3.98	3.98	3.88
Refrigerant charge volume		kg	1.84	1.84	1.84
Power supply			~380-415V/50 Hz/3 Ph		
Sound pressure level	Cooling	dB (A)	62		
	Heating	dB (A)	58		
Dimensions (W×D×H)	Indoor unit	mm	600×600×1756		
	Outdoor unit	mm	940×460×820		
Net weight	Indoor unit	kg	210		
	Outdoor unit	kg	110		
Water circulating pipe inlet/outlet, DHW			1" Male BSP		
Diameter of pipe	Liquid	Inch (mm)	1/4" (6.35)		
	Gas	Inch (mm)	5/8" (15.6)		

UNITHERM SERIES



HEAT PUMP FOR AIR CONDITIONING,
HEATING, AND HOT WATER SUPPLY

- ▶ Efficient inverter HP class A fully compliant to EU directive ErP. HP controls working frequency depending on real workload for precise temperature control.
- ▶ Inverter ventilator can accurately regulate airflow for efficient and stable operation.
- ▶ Plate heat exchanger Alpha Laval and 2-stage compressor improve performance of HP.
- ▶ Can be used with various types of heating devices: radiators, warm floors, fancoils, solar collectors, etc.
- ▶ Wired controller with 5" LCD touch screen display. Built-in WiFi for remote management. Modbus interface for remote monitoring and integration with BMS system.
- ▶ Intelligent management. Various modes of operation: weather-dependent mode, sleep mode, on-off timer, etc. Multilevel protection.
- ▶ Weather-dependent mode.
- ▶ New intelligent defrosting algorithm:
 - Defrosting on demand;
 - Defrosting when necessary;
 - Prolong defrosting when outdoor is heavily frost;
 - Short defrosting.

❄️ +10°C ... +48°C
☀️ -25°C ... +35°C