TROPIKAL



R290 Tropikal xpro SERIES | SQUARE Hot Water Heat Pump

This R290 all-in-one heat pump features a enamel water tank for outstanding corrosion resistance, high pressure tolerance, and long service life. Energy Class A++ efficiency delivers hot water up to 75°C while keeping energy use low.

Equipped with WiFi smart control and IoT functions, it supports real-time monitoring, remote operation, and power consumption tracking for smarter management. Magnesium rod protection further extends the tank lifespan, ensuring reliable hot water performance for years to come.

R290

R290 Refrigerant

Ultra-low GWP, safe and eco-friendly for sustainable hot water supply.

A++

Energy Class A++

High efficiency performance, reducing energy consumption.

WiFi Smart Control

Remote monitoring and control via mobile phone app.

75

Output Water Temp.Up To 75°C

Meets high-demand hot water needs with ease.

+ Mg

Magnesium Rod Protection

Extends inner tank life with full-cycle corrosion resistance.

Power Consumption Module

Track daily energy use for smarter operation.

XPRO300	Montagem opcional	Total com montagem
1.490 €	**+ 300 €**	**1.790 €**

Universal Parts

Most core components are common to 200 L, 250 L, and 300 L models.

Magnesium rod



Electric heating tube



Compressor



Main PCB

Fan motor

Display board

Centrifugal fan

Heating element

Capacitor

200L 250L 300L



T E C H N I C A L D A T A

Model			Tropikal xpro200	Tropikal xpro250	Tropikal xpro300
Power Supply			220~240V~/1/50Hz	220~240V~/1/50Hz	220~240V~/1/50Hz
Maximum water temperature		℃	75	75	75
Maximum water temperature of heat pump		℃	70	70	70
Heating Capacity		W	1450	1450	1450
Rated Hot Water Production		L/h	31	31	31
Rated Power Input		W	370	370	370
Rated Current Input		A	1.6	1.6	1.6
COP		W/W	3.92	3.92	3.92
Name plate Rated power (Max)	Heat Pump	W	550	550	550
	Electric Heater	W	2100	2100	2100
	Heat Pump+Electric Heater	W	2650	2650	2650
Name plate Rated Current (Max)	Heat Pump	A	2.4	2.4	2.4
	Electric Heater	A	9.1	9.1	9.1
	Heat Pump+Electric Heater	A	11.5	11.5	11.5
Air 20/15 ℃ (EN16147)	Tapping	/	L	XL	XL
	ERP Class	/	A++	A++	A++
	COP	W/W	4.009	4.08	4.029
	ηwh	%	169.4	168.97	166.79
Air 20/15 ℃ (EN16147) Evaluation condition		/	No pipe/set:51 ℃	No pipe/set:51℃	No pipe/set:51℃
Air 14/13 ℃ (EN16147)	Tapping	/	L	XL	XL
	ERP Class	/	A++	A+	A+
	COP	W/W	3.819	3.930	3.807
	ηwh	%	161.19	162.56	157.6
Air 14/13 ℃ (EN16147) Evaluation condition		/	in/out pipe set:51℃	in/out pipe set:51℃	in/out pipe set:51℃
Air 7/6 ℃ (EN16147)	Tapping	/	L	XL	XL
	ERP Class	/	A+	A+	A+
	COP	W/W	3.151	3.356	3.251
	ηwh	%	132.1	138.14	133.9
Air 7/6 ℃ (EN16147) Evaluation condition		/	in/out pipe set:51℃	in/out pipe set:51 ℃	in/out pipe set:51℃
Sound Pressure/Sound Power		dB(A)	35/51	35/51	35/51
Refrigerant Type/Charge/GWP		/	R290/0.15kg/3	R290/0.15kg/3	R290/0.15kg/3
CO Equivalent		t	0.00045	0.00045	0.00045
Working Ambient temperature		℃	-7~43	-7~43	-7~43
Operation Pressure(Low Side)		MPa	1.2	1.2	1.2
Operation Pressure(High Side)		MPa	3.2	3.2	3.2
Maximum Allowable Pressure		MPa	3.2	3.2	3.2
Electrical Shockproof		/	I	I	I
IP Class		/	IPX1	IPX1	IPX1
Water Tank Capacity		L	200	244	278
Water Piping Connections		In	G3/4“	G3/4“	G3/4“
Solar exchanger connector		/	-/G3/4“	-/G3/4“	-/G3/4“
Solar exchanger tube length		/	-/ Φ22mm * 10m	-/ Φ22mm * 10m	-/ Φ22mm * 10m
Inspectionaccess		mm	-/ Φ83	-/ Φ83	-/ Φ83
TP valve specification		/	G3/4“	G3/4“	G3/4“
Anode (Mg/E)		/	Magnesium/Electronic anode	Magnesium/Electronic anode	Magnesium/Electronic anode
Material		/	Enamel/UNS S22053	Enamel/UNS S22053	Enamel/UNS S22053
Rated Working Pressure Of Tank		MPa	0.8	0.8	0.8
Air flow Rated		m^3/h	350	350	350
Net Weight		kg	93	100	110
GrossWeight		kg	110	118	130
Unit Dimensions (L/W/H)		mm	600*600*1710	600*600*1940	600*600*2110
Shipping Dimensions (L/W/H)		mm	700*700*1815	700*700*2045	700*700*2215