nextcycle

SUSTAINABLE HEATING, COOLING AND HOT WATER SOLUTIONS

EUROVENT CERTIFIED PERFORMANCE

Smart Touchscreen Controller (Included)

Australia's Largest Range of R290 Inverter Heat Pump Solutions

MAXA HEATING & COOLING

i-290

R290 Inverter
Monoblock Heat Pump

- **R290** — Sustainable, natural refrigerant R290 with GWP=3.
- **Made in Italy** — Italian craftsmanship, engineering, and stylish design.
- **Heating** — Industry leading heating with COP 4.94 for 16kW model.
- **Cooling** — Industry leading cooling with EER 3.35 for 12kW model.
- **Up to 78°C Hot Water** — Up to 75°C/78°C** hot water production. Highly efficient for domestic hot water.
  **21.0kW models and above.
- **Down to 5°C Chilled Water** — Down to 5°C chilled water production. Ideal for Hospitals, Hotels and Universities.
  *See Warranty & Care Program for details.

Why Choose Next Cycle?

At Next Cycle, we are dedicated to providing you with the market's leading technology in sustainable heating, cooling, hot water, and chilled water solutions.

Europe is the world's largest heat pump region, and our manufacturing partners are four of Europe's leading innovators. Their products are tested to the highest standards, and through our exclusive partnership with Maxa, Imas Group, Barberi, and Aquatechnik, we are excited to offer you the most comprehensive range of heating, cooling, hot water, and chilled water solutions available in Australia.

Next Cycle is committed to delivering the highest levels of one-stop services including; pre-sales assistance, engineering support, extensive stock availability, face-to-face consultation, and after-sales support. Our promise is to give you the support to maximise the performance and longevity of your system.

(02) 9571 0570
nextcycle.com.au

Scan to view the Next Cycle website and product range.

IMPACT YOU CAN FEEL

nextcycle
SUSTAINABLE HEATING, COOLING AND HOT WATER SOLUTIONS

MAXA HEATING & COOLING i-290

R290 Inverter Monoblock Heat Pumps

*See Warranty & Care Program for details.

Model Class		0106	0109	0112	0115	0118	0121	0123	0125	0127
Deliverable Water Temperature		5°C to 75°C					5°C to 78°C			
Nominal Heating Capacity	kW	6.2	9.7	12.6	16.3	18.7	21.0	22.8	24.8	27.0
COP		4.8	4.7	4.8	4.9	4.6	4.9	4.7	4.6	4.4
Heating Water Flow Rate	m3/h	1.0	1.6	2.1	2.8	3.1	2.1	2.3	2.5	2.8
SCOP		4.7	5.2	4.9	4.9	4.8	4.8	4.7	4.5	4.5
European Energy Class (W35°C/W65°C)		A+++ / A++								
Nominal Cooling Capacity	kW	5.4	8.6	10.7	12.4	13.8	17.4	18.9	19.8	22.3
EER		2.8	3.1	2.9	3.4	3.2	3.3	3.2	3.2	3.1
Cooling Water Flow Rate	m3/h	0.9	1.4	1.8	2.1	2.4	3.0	3.2	3.4	3.9
SEER		4.8	5.4	4.7	5.0	5.0	5.3	5.3	4.9	4.8
Operating Temperature Range		-20°C to 46°C								
Refrigerant (GWP)		R290 (GWP=3)								
Sound Pressure Level @ 1m	dB(A)	42	43	44	47	47	41	42	44	45
Maximum Current Input	A	14.4	21.4	25.8	15.8	16.5	19.0	19.0	21.0	21.0
Power Supply		230V/1/50Hz			400V/3/50Hz					
Unit Dimensions (H x W x D)	mm	870 x 1105 x 490		1440 x 1105 x 490			1270 x 1610 x 710			

Note:
(1) Heating: Outdoor air temperature 7°C db 6°C db; in/out water temperature 30/35°C.
(2) Heating SCOP: Average climatic conditions; Tbiv= -7 °C; low temperature, variable output, fixed flow rate.
(3) Cooling: Outdoor air temperature 35°C; in/out water temperature 12/7°C.
(4) Cooling SEER: Low temperature, variable output, fixed flow rate.

Next Cycle Warranty & Care Program

With Next Cycle's industry-leading 7-year warranty, you can install with confidence, knowing you are backed by our commitment to quality and long-term support. The Next Cycle 7-year warranty, on selected products used for domestic applications, provides a 3-year manufacturer warranty, with an extended 2 + 2-year warranty with Maxa Australia.

To access the full benefits of our industry-leading warranty, the following conditions must be met:

- Correct Installation: Your system must be installed in compliance with Maxa installation manuals and manufacturer guidelines.
- Authorised System Start-Up: A certified Maxa Authorised Service Center must commission the system.
- Product Registration: All system details must be registered, and required services logged via the Maxa Installer Portal.