HydroAir Next Gen R290 heat pumps

Air-to-water inverter heat pumps using natural R290 refrigerant, with Wi-Fi and a touchscreen controller, in 9, 15 and 22 kW sizes. This is a HOYA Ondol summary, not a manufacturer document.

Specifications

Output ranges are minimum to maximum. A7/W35 means 7 °C outside air and 35 °C water.

Specification	Next Gen 9	Next Gen 15	Next Gen 22
Heating output, A7/W35	2.92–9.10 kW	4.30–15.20 kW	7.24–21.90 kW
Heating output, A7/W55	2.99–8.16 kW	4.25–14.55 kW	6.36–19.45 kW
Power input, A7/W35	0.61–2.11 kW	0.87–3.73 kW	1.50–5.88 kW
Energy class at 35 °C (ErP)	A+++	A+++	A+++
Maximum water temperature	75 °C	75 °C	75 °C
Outdoor operating range	−25 to 45 °C	−25 to 45 °C	−25 to 45 °C
Refrigerant (charge)	R290 (0.55 kg)	R290 (1.05 kg)	R290 (1.4 kg)
Power supply (maximum current)	Single phase (15 A)	Single phase (25 A) or three phase (10 A)	Single phase (35 A) or three phase (17 A)
Sound pressure at 1 m	46 dB(A)	53 dB(A)	55 dB(A)
L × W × H	1187 × 438 × 808 mm	1287 × 458 × 908 mm	1187 × 508 × 1460 mm
Weight	110 kg	134 kg	195 kg
Built-in pump and connection	Inverter pump, DN25	Inverter pump, DN25	Inverter pump, DN32

A seasonal efficiency figure (COP or SCOP) is not published for these models, so none is shown.

Using it with HOYA Ondol

- HOYA Ondol floors run at low water temperatures, which suits a heat pump.
- Your hydronic installer chooses the size from your home's heat loss, climate, floor coverings and power supply. We supply the panel and pipe layout and the design flow temperature for each floor.
- Connected pipework must have an oxygen barrier. HOYA Ondol's 16 mm PE-RT pipe has an oxygen barrier to DIN 4726.
- Warranty terms for the heat pump come with your quote.

Installation and warranty. The heat pump must be connected by a licensed plumber, and electrical work done by a licensed electrician, in line with your state's rules. Licensed installation is a condition of warranty. This does not limit your rights under the Australian Consumer Law.

Figures from the HydroAir Next Gen R290 product brochure (ref. HNG.V839.07.24.HH), checked October 2026. Specifications can change: your installer confirms the model before ordering. HOYA Ondol Australia, operated by Australian Sun Energy Pty Ltd, ABN 38 137 709 294 · 1300 137 407 · hoyaondol.com.au