

AIR-TO-WATER HEAT PUMP MODULE

Aurora 28 is the energy-efficient base unit of the Aurora Block modular climate control system, and typically the system's primary heat source in urban and construction site applications. Its combined heating and cooling capability also enables controlled drying and humidity management as part of the overall system.

KEY FEATURES

- ▶ Output capacity 11.4–28 kW, maximum COP up to 4.1
- ▶ Heating and cooling in a single stackable, relocatable module
- ▶ Controlled drying and humidity management capability
- ▶ Fluid heating and cooling from -10°C to $+60^{\circ}\text{C}$
- ▶ 9 kW electrical backup heater included as standard
- ▶ Stainless steel piping and frame, self-venting circulation pump



SPINE INTEGRATION



SPINE Real-time remote monitoring and control

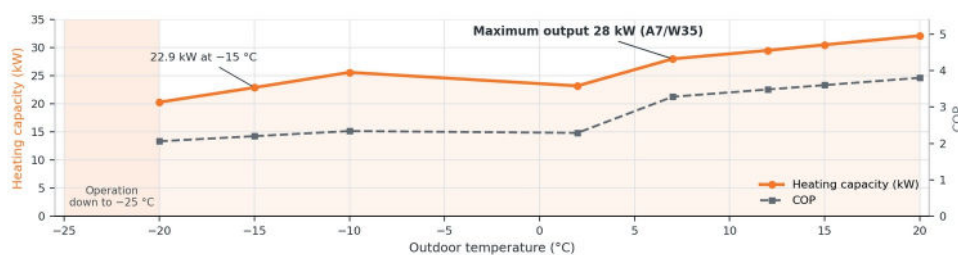
Device control and adjustment via the Spine platform

Compatible with Spine heating control devices

AURORA BLOCK SYSTEM INTEGRATION

- ▶ Heating and cooling distributed through water-circulating fan units or directly to a hydronic heating circuit — all Aurora Block units interconnect using 2" flange couplings
- ▶ Connected modules form a centrally managed energy grid, controlled and adjusted through the Spine platform — fully compatible with Spine heating control devices
- ▶ Primarily zero-emission heat pump operation — over 90 % lower CO_2 emissions than conventional solutions

HEATING PERFORMANCE



Maximum heating capacity - 35 $^{\circ}\text{C}$ water outlet temperature (W35)

TECHNICAL INFORMATION

SKU	1050601001	Electrical supply	32 A / 400 V appliance inlet
Technology	Air-to-water heat pump	Max power input	11 kW
Output capacity	11.4–28 kW	Weight	370 kg
Cooling capacity	20 kW (A35), EER up to 3.55	Connection	2" flange
Maximum COP	up to 4.1	Distribution	Fan units · hydronic circuit
Fluid temperature	-10°C ... $+60^{\circ}\text{C}$	Control	Spine platform
Backup heater	9 kW electric, standard	Spine license	5 years included