



geothermal international

SimWW Range Simultaneous Water to Water

Outputs from 182kW – 560kW



APPLICATIONS

- Open and closed ground loop heating and cooling for AHUs, fan coils, radiant systems and condenser loops.
- Process heating & cooling.

- Water to water and brine to water heat pumps which provide independent heating and cooling up to full capacity simultaneously
- Designed for medium and large commercial applications
- To be used as single units or in banks with other products, using integral or external controllers
- For indoor and outdoor locations with no ventilation requirements
- Technical overview overleaf
- Full technical specification and performance figures available on request.



Technical Overview

GI Label	SimWW 182-3	SimWW 194-3	SimWW 209-3	SimWW 219-3	SimWW 235-3	SimWW 266-3	SimWW 291-3	SimWW 312-3	SimWW 331-3	SimWW 348-3	SimWW 380-3	SimWW 412-3	SimWW 465-3	SimWW 560-3
Nominal Rating (kW)*	182	194	209	219	235	266	291	312	331	348	380	412	465	560
Rating Point COP *	4.8	4.8	4.8	4.8	4.8	4.9	4.9	4.8	4.8	4.8	4.8	4.8	4.8	5.1
Height (mm)	1886	1886	1886	1886	1886	1886	1886	1886	1886	1886	1886	1886	1886	1886
Depth (mm)	850	850	850	850	850	850	850	850	850	850	850	850	850	850
Width (mm)	4141	4141	4141	4141	4141	4141	4141	4141	4141	4141	4651	4651	4651	4651
Max Weight in Operation (kg)														
Refrigerant Circuit Charge (kg)														
Circuits/Compressors 2/5	2/4										2/5		2/6	
Power Supply V/Ph/Hz	400/3+N/50													
Minimum Circuit (A)														
Breaker Size (A)														
Typical Run Current (A) *														
Sound Pressure (dBA) Standard*	73	74	74	74	74	74	76	76	76	76	76	76	77	77
Sound Pressure (dBA) Silenced*	64	64	65	65	66	66	67	68	68	68	68	68	68	69

Notes:

* at BS EN 14511 (0/35°C)

Sound levels refer to units with full load under nominal test conditions. The sound pressure is measured at 1m from the external surface of the unit in open field conditions.

ACCESSORIES

There is a comprehensive range of accessories available for this product range, including pumps, controls, piping and fittings. For full details, please contact us.

DISCLAIMER

Please note that the information in this datasheet is correct at the time of going to print. Products and specifications can vary without notice and you should check with our Technical Team for any changes before making your selection.

Head Office

Spencer Court, 141 - 143 Albany Road, Coventry CV5 6ND, United Kingdom
T +44 (0)24 7667 3131, F +44 (0)24 7667 9999, E info@geothermalint.co.uk

