CI-501

Commercial Integrated 501

Specification wording

The hot water heat pump system shall be a STIEBEL ELTRON CI-501 Commercial Integrated Package, consisting of integrated SHP-O 301 heat pump units and a 315L reticulation booster tank. The system will include 5 STIEBEL ELTRON SHP-O 301 units, each capable of direct potable water heating. The units shall be designed for high efficiency with a superior Coefficient of Performance (COP) and come pre-configured to comply with Australian Standards. Constructed with durable materials, they are suitable for installation in outdoor environments.

The electric reticulation tank will have a 315L capacity with a 4.8 kW heating element and 50mm inlet, outlet, and return ports. It will be plumbed in line with the heat pump units, with the ring main return connected to the lowest port to ensure consistent temperature regulation.

Package Name	CI-501
HP Type	SHP-O 301
QTY	5
Heating Cylinder Volume (L)	1500
Booster Volume (L)	315
Min. Spatial Requirement (m2)	9.81
Dry Weight (kg)	660
Wet Weight (kg)	2510
Connected load (A)	70
Peak Draw (kW)	15.425

