Rheem Domestic Heat Pump Water Heaters

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1 Specification Details

Trade Sections: Plumbing
Description:
Keywords: Plumbing, Rheem Domestic Heat Pump Water Heaters, heat pumps, hot water heaters, hot water cylinders, hot water systems

2 Clauses

2.1 Scope

Help Note:
For technical information on products to attach to this project, please visit
https://productspec.co.nz/en/supplier/rheem

2.1.1 Scope

Supply, install and commission the selected Rheem Domestic Heat Pump Water Heaters to the locations shown on the drawings, complete with all necessary fittings and accessories for proper operation and functionality. All aspects of this work shall be in strict accordance with Rheem technical literature and installation requirements (check www.rheem.co.nz, or call 0800 657 336 for the latest editions), other relevant product manufacturers' recommendations, with all relevant Standards, Regulations and Acts, and the Plumbing specification, and as shown on the drawings.

No substitutions are permitted for Rheem Domestic Heat Pump Water Heaters.

2.2 Heat Pump Water Heaters

2.2.1 Rheem A55131007 'HDi-310' - 310 litre, Integrated Heat Pump Water Heater

Rheem A55131007 'HDi-310' Air Sourced Integrated Heat Pump Water Heater. 310 litre storage capacity, mains pressure water supply, with back up 3.6kw electric heating element. Suitable for outdoor installations only, 670mm diameter x 1870mm high, left hand connection.
60°C thermostat setting. 200kPa minimum supply pressure. 1000kPa maximum working pressure.
240V/50Hz electrical connection, 20 amp, 3.6kW maximum load.
225 litre boost capacity. 135kg approximate weight when empty.

Location:

2.2.2 Rheem A55132507 'MPi-325' - 325 litre, Integrated Heat Pump Water Heater

Rheem A55132507 'MPi-325' Air Sourced Integrated Heat Pump Water Heater. 325 litre storage capacity, mains pressure water supply, with back-up electric heating element. Suitable for outdoor installations only, 638mm(w) x 863mm(d) x 1631mm(h), left hand connection.
60°C thermostat setting. 200kPa minimum supply pressure. 1000kPa maximum working pressure.
240V/50Hz electrical connection, 20 amp, 3.6kW maximum load.
100 litre boost capacity. 136kg approximate weight when empty.

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Location:

2.2.3 Rheem A56132507 'MPs-325' - 325 litre, Split Heat Pump Water Heater (separate module & tank)

Rheem A56132507 'MPs-325' Air Sourced Split Heat Pump Module & Storage Tank. 325 litre storage capacity, mains pressure water supply, with back-up electric heating element.
Storage Tank - 640mm diameter x 1631mm high, left hand connection, suitable for indoor/outdoor installations.
60°C thermostat setting. 200kPa minimum supply pressure. 1000kPa maximum working pressure.
240V/50Hz electrical connection, 20 amp, 3.6kW maximum load.
100 litre boost capacity. 136kg approximate weight when empty.
Heat Pump Module - 575mm(w) x 332mm(d) x 1034mm(h), suitable for outdoor installations only with maximum 4000mm separation between the Storage Tank.

Location:

2.3 Co-operation

2.3.1 Co-operation

Co-operate with other trades to ensure that all preliminary and preparatory works are completed to specification and as shown on the drawings prior to installation.
Co-ordinate with all trades to install Rheem Domestic Heat Pump Water Heaters and accessories as required.

2.4 Workmanship

2.4.1 Workmanship

Rheem Domestic Heat Pump Water Heater installation shall be carried out by experienced tradesmen, familiar with the specified products and installation techniques, under the direct supervision of a NZ certified Registered Plumber, in accordance with the manufacturer's instructions and with the requirements of AS/NZS 3500.4, AS/NZS 3000, NZBC G12, and with all local codes and regulatory authority requirements.

Electrical wiring and prescribed electrical work (by others) shall be carried out by a qualified electrician in accordance with the electrical standards and regulations and the Electrical specification.

Adequately protect all surrounding work surfaces during installation. Any damage to fittings or finished surfaces shall be made good by the appropriate trade at the Plumber's expense.

2.5 Delivery & Handling

2.5.1 Delivery & Handling

Store Rheem Domestic Heat Pump Water Heaters and accessories under cover on a flat surface in accordance with the manufacturer's recommendations. Keep products clean and dry, and protect

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