
INSTALLATION NOTICE

BOLT-ON / SS STORAGE TANK - HEAT PUMP WATER HEATER
To be read in conjunction with the Owner's Manual (in the heat pump box)

Models: MAHRW010ZB-250SS
MAHRW010ZB-315SS

Clearance of unit from wall

The heat pump can sit close to the wall or hard against the wall on the solid panel side (without evaporator). The best orientation of the heat pump is facing out to the walkway so that the controller, refrigerant pressure gauge are clearly visible and heat pump circuitry under the corner panel of the casing is accessible. Alternately, you may the heat pump at 90 degrees to face the storage tank but best to leave sufficient distance to see the control display unit, refrigerant pressure gauge and face the solid side panel against the wall with circuit panel on the casing accessible for maintenance.

Installation components of the heat pump

The heat pump comes with 15 Amp outlet plug and sensor probe to be connected into the storage tank sensor pocket. There are also rubber feet to be fitted under the metal feet of the heat pump. The wiring diagram for maintenance is found on the inside of the metal cover of the circuit panel.



Size of plinth/concrete base pad: 600mm x 600mm minimum

Use a plinth or concrete base pad measuring 600mm x 600mm minimum in accordance with Australian Standard AS/NZS3500.4 to properly support the Solarstream water tank and a second concrete base pad to support the heat pump. **Refer to the Owner's Manual for details.**

FLOW AND RETURN LINES

Connect the flow and return water lines between the tank and heat pump. These should be insulated with 13mm Armaflex pipe insulation. The bottom inlet water port on the storage tank should be connected to the inlet port on the heat pump. Refer Owner's Manual for details.

PLEASE NOTE: IT IS ESSENTIAL FOR AIR IN THE WATER LINES TO BE PURGED COMPLETELY FOR THE HEAT EXCHANGER TO OPERATE.

Ensure all air is purged from the water lines by running the hot water tap in the kitchen or laundry sink. If access to the house is unavailable, you can access the Grundfos water-circulating pump underneath the cover plate at the base of the heat pump casing, and open the middle screw to purge the air.

Failure to purge air from the water lines will stop the circulating pump.

