

COMMERCIAL ELECTRIC HEATING UNIT

FOR LARGE SCALE APPLICATIONS
USING RT STORAGE TANKS*



**HIGHLY
DURABLE**



9 SIZES
15-180kW

**UP TO 3,000L/hr
RECOVERY**

The long life, large scale
electric water heating unit.

Highly durable

Element sheath made of incoloy 800 and low watt heating density of less than 0.6W/cm². Add to this an IP65-rated 304 grade stainless steel electrical enclosure, 316L stainless steel flange plate with EPDM gasket and sun shield. Also manufactured with long-life components, like the AC3-rated contactor, providing over 1,000,000 cycles.

High capacity

Available in nine sizes from 15kW up to 180kW providing a huge heating capacity up to 3000L/hr recovery raised 50°C and tank capacity ranges from nominal 1000 to 5000 litres.

Fuel redundancy

Can be interlocked with other fuel source water heaters, for example timer or thermostatically controlled, to maximise the solar contribution factor (SCF) or ensure hot water supply in low ambient conditions with heat pumps.

More key features

- Thermostat has visual temperature display and can be user-set up to 83°C.
- When coupled with the Rheem RT Series of large capacity stainless steel or carbon steel storage tanks, the heating unit can be placed in the upper or lower tank flange, with the upper flange providing solar or heat pump boost options or the lower flange being used as a stand-alone electric water heater.



*See RT Storage Tanks on Page 84

Commercial Electric Heating Unit warranty: 2 years on heating element,
1 year on parts & labour

TECHNICAL DATA

Dimensions and Technical Data Table

Model		050350	050351	050352	050353	050354	050355	050356	050357	050358
Nominal Rating	kW	15	30	45	60	75	100	125	150	180
Electrical Rating		380 - 415 V AC 50/60Hz Star Connected					380 - 415 V AC 50/60Hz Delta Connected			
Recovery Rate (50°C Rise)	L/hr	258	516	774	1032	1290	1720	2150	2580	3096
Current per Phase	Amps	21	42	63	83	104	139	174	208	250
Factory Setting	°C	70	70	70	70	70	70	70	70	70
Max. Thermostat Setting	°C	90	90	90	90	90	90	90	90	90
ECO Setting	°C	95	95	95	95	95	95	95	95	95
Cabinet Width (A)	mm	300	300	300	300	400	400	600	600	600
Cabinet Height (B)	mm	300	300	300	300	400	400	400	400	400
Cabinet Depth (C)	mm	218	218	218	218	248	248	322	322	322
Exposed Length (D)	mm	316	316	316	316	346	346	420	420	420
Immersed Length (L)	mm	750	750	750	750	750	1250	1250	1500	1500
Weight (packaged)	kg	47.5	48.2	49	49.8	50.7	53.6	55	56.6	58.2
Suitable Series Tank	litres	RT1000-5000	1000-5000	1000-5000	1000-5000	1000-5000	3000-5000	3000-5000	5000	5000

