

ecotech[®]
Rheem



Air-Cond Heater

Heat Recovery Water Heating

FREE Hot Water
with Waste Heat Recovery & Recycling

- ★ **WRAPPED TANKS TECHNOLOGY**
- ★ **WELL-KNOWN FOR QUALITY**
- ★ **WORLD-CLASS STANDARDS**
- ★ **MULTIPLE SAFETY FEATURES**
- ★ **LIFE-GUARANTEEE!!!** no cross contamination*

Renewable Energy Integration

Better Performance

Saves your Energy Bills

Works well with any Condensers

Your Best Unit to Buy

Energy Savings
Product



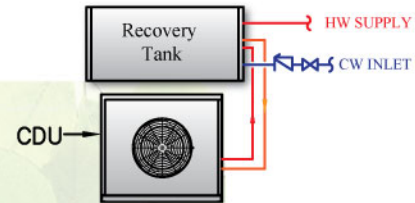
**Long-Life
Warranty**

An Innovative Energy Saving Product

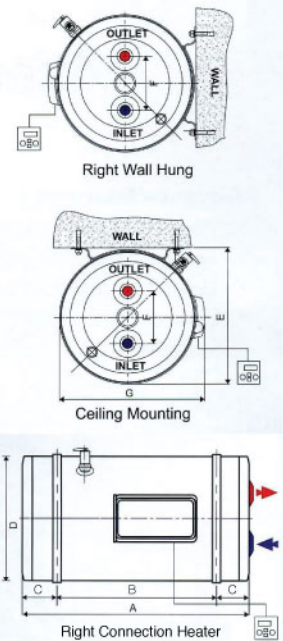
Rheem Ecotech heat recovery is fully system designed by turning **"HOT AIR"** into "Hot Water". All the waste heat energy discharged by air conditioners is used to heat up hot water units increasing your energy- efficient water heating. The Models are an environmental-friendly application giving you **"FREE"** hot water. Not only **to save your energy bills**, but also **to increase lifespan** of your air-conditioners, **faster cooling**, **Prolonger compressors life** and contribute to **less global warming effects**.

Advanced Technologies With Multiple Safety Features

- **Exclusive Rheemglas enamel Wrapped Tanks** protect against corrosion by coating the inner tank and fused with solid steel at 870°C. The tank is designed and tested to withstand 2000kpa hydrostatic test pressure for pressure of 1000kpa.
- **Industrial grade Temperature and Pressure Relief (TPR) safety valve** provides protection against excessive water pressure (Pre-set at 0.98Mpa.) The TPR allows tank to be manually drained to facilitate servicing.
- **Anode Rod** protects the inner tank from corrosion by equalizing aggressive water reaction, expanding the lifespan of Rheem heaters (if any).
- **Integrated Fan Speed Control** is designed for stable condensing pressure under different ambient. Not only decrease noise level of blower, reduces most of the time and less electrical power used to drive the motor.
- **By pass Refrigerant and Temperature Control** of Hot Water in storage not to exceed
- **Thick CFC free polyurethane insulation** between inner tanks and epoxy coated steel jacket provides maximum heat retention and minimize operating cost after years of services.
- **Universal bracket** provides the flexibility of both wall or ceiling mounting for the space saving horizontal heater.
- **Compliance** to international requirement IEC 60335-2-21. Tested and approved by TÜV SÜD PSB Corporation.
- **Capability to connect with any Condenser units.**
- **Long-Life Warranty** eliminated cross contamination between refrigerant and water causing damage of compressors
- **Heating Element** for backup (*optional)
- **Low investment & Faster payback periods** (*)



Installation Option



Model	Capacity (Litres)	A/C (Tons)	Heating Time (hrs)*	Operating Storage Weight(kg)	Dimensions A x D x E (mm)
EH75-HR	75	1.0	6-8	106	1130x370x390
EH75-HR	75	1.5	3-5	106	1130x370x390
EH75-HR	75	2.0	2-3	106	1130x370x390
EH100-HR	100	1.5	4-6	136	962x458x478
EH100-HR	100	2.0	3-4	136	962x458x478

Remark: (*) the calculation based on 25-30°C rise, at an average ambient 32-35°C

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