TRANE®

COLMAC COIL
Manufacturing Inc.

# ENERGY RECOVERY HOT WATER HEAT PUMP

*"Energy Saving Hot Water from Refrigeration Cycle"*

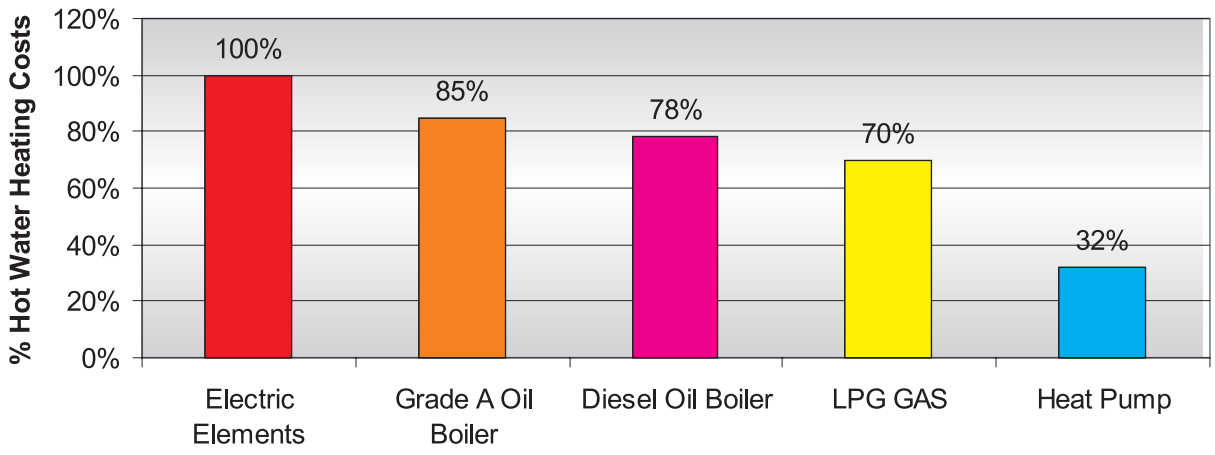
## Feature and Benefits

- Save up to 75% of the energy used to make hot water
- Ease of service by full panel access
- Fully packaged unit, Factory charged & tested
- Environmentally friendly R-134a
- Fully automatic control package
- Produces up to 20,000 – 27,000 litre per day
- Advanced scroll compressor for high capacity & economy operation

## Major Applications

- Hotels. Motels & Hostels
- Villas, Resorts
- Condominiums, Apartments
- Health Club, Spa, Jacuzzis
- Laundries and Restaurants
- Hospitals
- School

**Comparison of Hot Water Costs Using Different Energy Sources**




CFC

ENVIRO FRIENDLY R134a

RECYCLED ENERGY

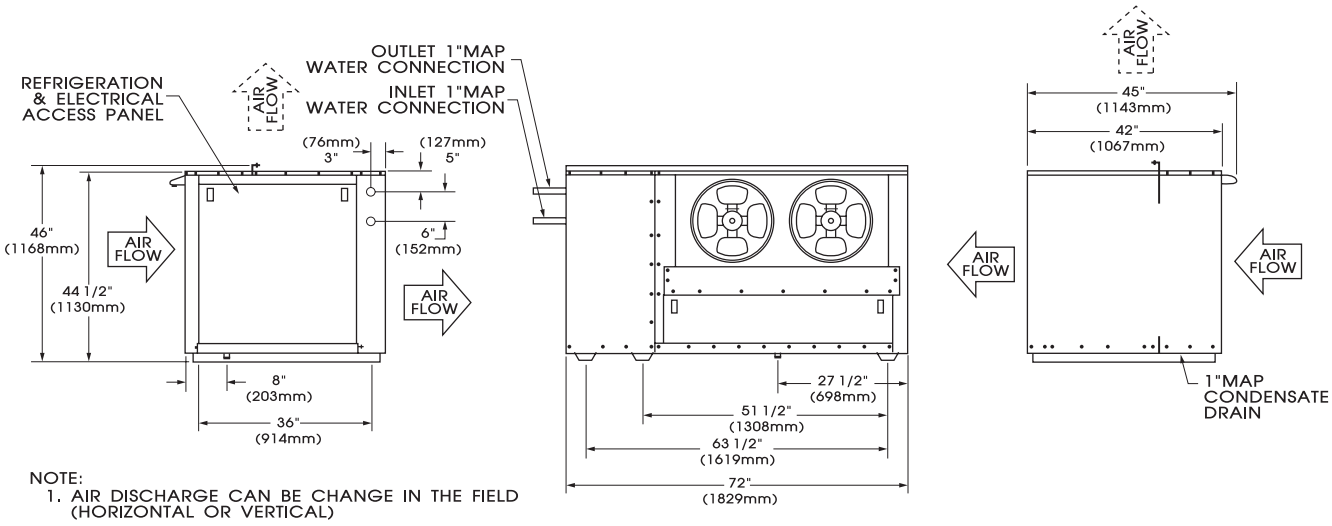
CENTRALISED HOT WATER

UL®

WRAS APPROVED PRODUCT

TRANE® The World Leader in Indoor Comfort Systems

# ENERGY RECOVERY HOT WATER HEAT PUMP




NOTE:
1. AIR DISCHARGE CAN BE CHANGE IN THE FIELD (HORIZONTAL OR VERTICAL)

## Technical Data

| | |
|---|---|
| Model | HPA18 |
| Maximum Water Temperature (°C) | 70 |
| Compressor | Hermetic Scroll |
| Dimensions (mm) | |
| Height (mm) | 1168 |
| Depth (mm) | 1143 |
| Length (mm) | 1829 |
| Weight (kg) | 635 |
| Inlet/Outlet Connections | 1 |
| Water Flow Rate (LPM) | 68 |
| Recovery Rate at 60°C (LPH) | 1141 |
| Electrical Connections | |
| Voltage/Hz/Phase | 380-420V/50Hz/3ph |
| Power Consumption | 11.6 |
| Total FLA | 24.0 |
| Compressor RLA | 21.0 |
| Heating Capacity (kW) | 48* |
| COP | 4.1 |
| Refrigerant | R134a |

*Condition at 30°C ambient air, 30°C entering water and 60°C leaving


TRANE®

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*A business of American Standard Companies*



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|---|---|
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| Stocking Location: | Bangkok, Thailand |