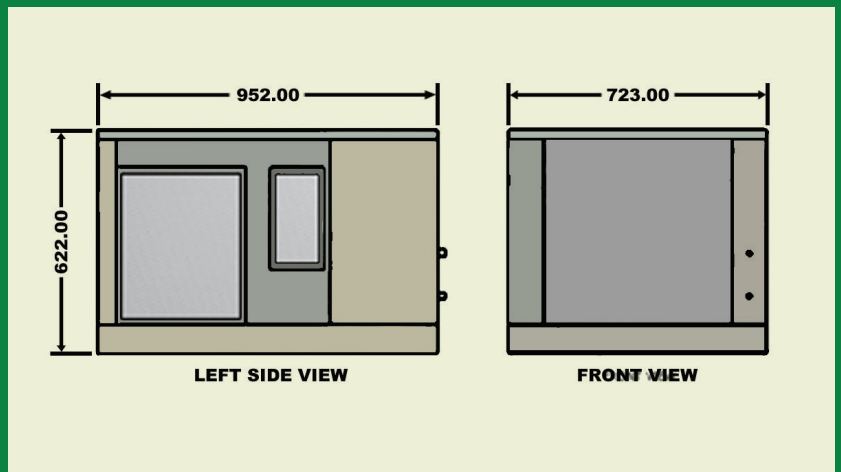


JETT AIR-SOURCED INTEGRAL SPLIT TYPE HEAT PUMP
JHM (C) SERIES

WORKING PRINCIPLE

JETT Air-to-water (or air sourced) Integral Split Type Heat Pump Hot Water System works by using decalescence medium (secondary refrigerant) inside the equipment to collect heat energy from the air (ambient), and compress it by the compressor, and then make the secondary refrigerant transfer the compressed and intensified heat to the water through the heat exchanger. It expulses cold air while in operation to heat water.

The ratio of output energy and input energy, which is also known as Coefficient Of Performance (COP) is between the range of 2.8 (280%) – 3.8 (380%). Comparatively, heat pump uses less energy than conventional water heaters like electric – resistance water heater with average efficiency ratio of .95 (95%) and gas or oil-fired water heaters with average efficiency of .6 - .8 (60% - 80%).

TECHNICAL INFORMATION AND SPECIFICATION

| MODEL CODE | | | JHM-C1.5 | |
|------------------------------------|-------------|----|---------------------|--------|
| RATED HEATING CAPACITY | Kilowatts | | 4.476 | |
| | BTU/hr | | 15272 | |
| POWER SUPPLY | V / PH / Hz | | 220 – 240 / 1P / 60 | |
| POWER INPUT | Kilowatts | | 1.119 | |
| RUNNING CURRENT | Amperes | | 5.34 | |
| RECOVERY RATE @ 30 °C temp rise | LPH | | 128 | |
| RECOVERY RATE @ 40 °C temp rise | LPH | | 96 | |
| THERMOSTAT FACTORY SETTING | °C | | 55°C | |
| THERMOSTAT MAX. SETTING | °C | | 60°C | |
| WATER CONNECTIONS | inch | mm | 1/2" | 13 |
| COMPRESSOR (Quantity and Capacity) | Qty | HP | 1 HP | 1.5 HP |
| REFRIGERANT TYPE | | | R22 | |
| FAN MOTOR QUANTITY | | | 1 | |
| FAN MOTOR INPUT | Watts | | 55 | |
| FAN SPEED | RPM | | 780 | |
| NOISE LEVEL | dB (A) | | 53 | |
| UNIT DIMENSION | L | mm | 952 | |
| | W | | 723 | |
| | H | | 622 | |
| PACKING DIMENSION | L | mm | 1102 | |
| | W | | 873 | |
| | H | | 772 | |
| WEIGHT | NET | kg | 45 ≤ 50 | |
| | GROSS | | 50 ≤ 65 | |