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Domestic Pool Heating Products Air Sourced Hot Water Heat Pumps

| Heating Capacity17.3kW*Power Input2.84kW*COP of Heating6.00*Max Temp in Pool40CCompresso2.7kW scollCothage/Hz/Phase2.02-24.0 / 20.1 / 20.2Voltage/Hz/Phase2.02-24.0 / 20.1 / 20.2Supply Breaker (Amp)15Condenser Pressure Drop3.04.0 / 20.2Condenser Pressure Drop1.05.0 / 20.2Sund Level5.0 / 20.2Condenser Areage3.02.2Sund Level5.0 / 20.2Condenser Areage3.02.43.0 / 20.2Condenser Areage3.02.43.0 / 20.2Sund Level5.0 / 20.2Condenser Areage3.02.43.0 / 20.2C | Quantum 27ACP2-407 | |
|--|-------------------------------------|--------------------|
| COP of Heating.00*Max Temp in Pool.00Compressor.27kW ScrollCompressor.20240/50/10Voltage/Hz/Phase.202-240/50/10Cypical Operating Ampa.10Supply Breaker (Ampa).01Optimum Water Connections.0040000000000000000000000000000000000 | Heating Capacity | 17.3kW* |
| Max Temp in Pool4°CMax Temp in Pool4°CCompressor2.7kW ScrollRefrigerantR407CVoltage/Hz/Phase220-240 / 50 / 1Typical Operating Amps15Supply Breaker (Amps)20Optimum Water ConnectionsDN40 PVCOptimum Water Flow30 - 50 LPMCondenser Pressure Orop105kPa @ 50 LPMSund Level65 dBADimensions (Width x Depth x Height)800 x 480 x 1475mm | Power Input | 2.84kW* |
| Compressor2.7kW ScrollRefrigerantR407CVoltage/Hz/Phase202-240/50/1Typical Operating Amps15Supply Breaker (Amps)20Optimum Water FlowDN40 PVCOptimum Water Flow30-50 LPMCondenser Pressure Orp105kPa@50 LPMSupnal Level65 dBADimensions (Width x Depth x Height)800 x 480 x 1475mm | COP of Heating | 6.00* |
| RefrigerantR407CVoltage/Hz/Phase220-240 / 50 / 1Typical Operating Amps15Supply Breaker (Amps)20Optimum Water ConnectionsDN40 PVCOptimum Water Flow30 - 50 LPMCondenser Pressure Orop105kPa @ 50 LPMSound Level65 dBADimensions (Width x Depth x Height)800 x 480 x 1475mm | Max Temp in Pool | 40°C |
| Voltage/Hz/Phase220-240 / 50 / 1Typical Operating Amps15Supply Breaker (Amps)20Water ConnectionsDN40 PVCOptimum Water Flow30 - 50 LPMCondenser Pressure Orop105kPa @ 50 LPMSound Level65 dBAImmensions (Width x Depth x Height)800 x 480 x 1475mm | Compressor | 2.7kW Scroll |
| Typical Operating Amps15Supply Breaker (Amps)20Water ConnectionsDN40 PVCOptimum Water Flow30 - 50 LPMCondenser Pressure Drop105kPa @ 50 LPMSound Level65 dBADimensions (Width x Depth x Height)800 x 480 x 1475mm | Refrigerant | R407C |
| Supply Breaker (Amps)20Water ConnectionsDN40 PVCOptimum Water Flow30 - 50 LPMCondenser Pressure Drop105kPa @ 50 LPMSound Level65 dBADimensions (Width x Depth x Height)800 x 480 x 1475mm | Voltage/Hz/Phase | 220-240 / 50 / 1 |
| Water ConnectionsDN40 PVCOptimum Water Flow30 - 50 LPMCondenser Pressure Drop105kPa @ 50 LPMSound Level65 dBADimensions (Width x Depth x Height)800 x 480 x 1475mm | Typical Operating Amps | 15 |
| Optimum Water Flow30 - 50 LPMCondenser Pressure Drop105kPa @ 50 LPMSound Level65 dBADimensions (Width x Depth x Height)800 x 480 x 1475mm | Supply Breaker (Amps) | 20 |
| Condenser Pressure Drop105kPa @ 50 LPMSound Level65 dBADimensions (Width x Depth x Height)800 x 480 x 1475mm | Water Connections | DN40 PVC |
| Sound Level65 dBADimensions (Width x Depth x Height)800 x 480 x 1475mm | Optimum Water Flow | 30 - 50 LPM |
| Dimensions (Width x Depth x Height) 800 x 480 x 1475mm | Condenser Pressure Drop | 105kPa @ 50 LPM |
| | Sound Level | 65 dBA |
| Weight (kg) 140 | Dimensions (Width x Depth x Height) | 800 x 480 x 1475mm |
| | Weight (kg) | 140 |

Note: *Rated at 26.7°C, 63% RH air and 26.7°C entering water





Domestic Pool Heating Products

Air Sourced Hot Water Heat Pumps

Quantum 27ACP2-407

The Quantum 2.7Kw pool heater is a market leading blend of performance, capacity and flexibility. Quantum pool heaters utilise a proven and patented heat pump technology that was originally developed back in the 1970's.

Delivering outstanding performance for domestic pool heating applications the Quantum 2.7Kw delivers significant energy and cost savings compared to traditional pool heating methods, i.e. electric or gas.

It's award winning state of the art technology ensures faultless year round pool heating - rain, hail or shine!

The unit is very simple to install and comes fully equipped with all controls, preset at the factory and simply requires connection of water and power.





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