



MASTERKOOOL

“The Perfect Outdoor Cooling System”

by *MASTERKOOOL* Pty Ltd.

www.masterkool.com.au



MASTERKOOL is an outdoor cooling system, perfect solution for hot outdoor area where was inconvenient for life and activities. This cooling system will enliven every life in cover cool area, benefit enjoyment in open-air activity and enhance all outdoor usefulness.

MASTERKOOL is perfect for various outdoor activities. It can be directed in a specific direction or set to oscillate to cover 30-50 m² per 1 MASTERKOOL Fan. The added wind also accounts for much faster evaporation creating a cooler, drier feeling mists system which is really a technological advance of evaporative cooling.



MASTERKOOL systems incorporate a high pressure pump and a spray nozzle designed to produce water droplets smaller than the diameter of a human hair, even as small as 5 microns (5 millionth of a meter). When water droplets this small hit the surrounding air they “flash evaporate” reducing surrounding temperatures as much as 5°-10°C. The scientific principle is known as thermal dynamics, ensures that a blistering outdoor environment can be transformed into a comfortable and pleasant experience.

MASTERKOOL system reduces ventilation costs by as much as 60-70% in controlled environmental housing where high ventilation rates have been used to accomplish convection cooling. Furthermore these systems eliminate the need for high maintenance systems, allowing for removal of restrictive bad surfaces and thereby increasing ventilation efficiency.

MASTERKOOL Technical Information



MASTERKOOL Pump (PI20)

- Dimension 36 x 56 x 33 cm
- Electricity 220 VAC,50 Hz,740 W
- Current 4 Amps
- Inlet water pressure 20-75 PSI
- Outlet water pressure 1,000 PSI
- Water consumption 1 CBM per 20 hrs (average)
- MASTERKOOL Pump (PI20) 1unit for 2-8 MASTERKOOL Fans

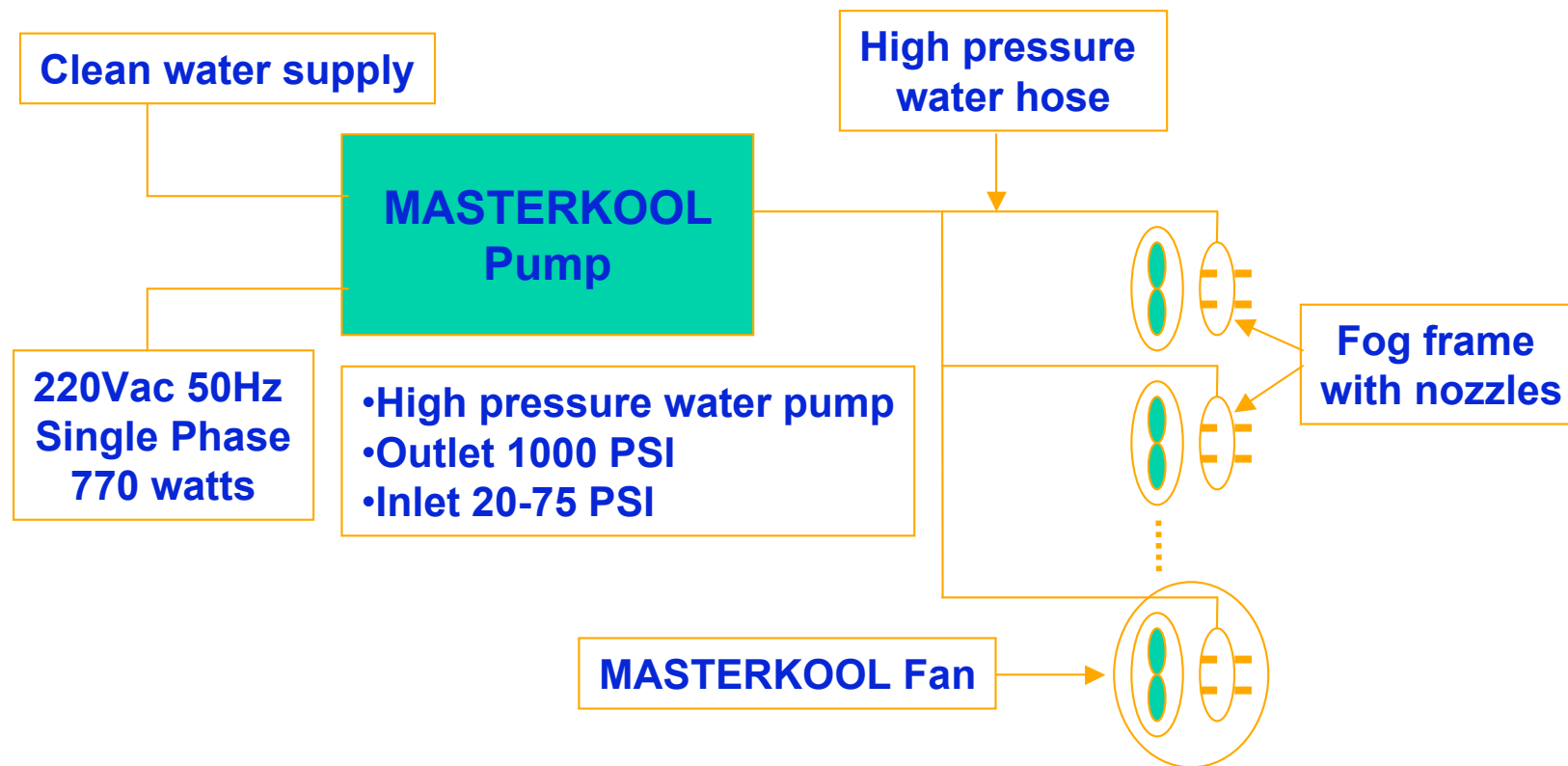
MASTERKOOOL Technical Information



MASTERKOOOL Fan

- Diameter 26" (Stand,Wall)
- Electricity 220 VAC, 50 Hz, 230 W
- Current 1 Amps
- Max. Air Volume 195 m³/min
- Max. Flow rate 7200 CPM.
- Noise 56 dB
- 3,4 and 6 spray nozzles alternative

Basic diagram of MASTERKOOOL system



After Sale Service

Warranty 1 Year, what do customers get ?

The service is as follows:

1. When customers have any problems on any MASTERKOOL product(s), customers can call through to a service team for troubleshooting, 24 hours a day.

They will go through the following and more:

- Checking pump system
- Checking nozzle flow and cleaning nozzle.
- Checking pressure at 1000 PSI.
- Changing lubricant.
- Changing filter 5 microns.
- Checking over all

2. 12 Months warranty