

QUARRY MINING

& CONSTRUCTION EQUIPMENT PTY LTD



THE COOL TUBE[®] MKII

Operational testing traceable back to National Standards by the NATA certified laboratory, SIMTARS

Mine Spec, compressed air driven portable "air conditioners", deliver super cooled air to the workspace to combat the environmental conditions of heat stress, and or assist in controlling the operation temperatures of equipment and infrastructure.



WWW.QUARRYMINING.COM

EXPERTISE YOU CAN DEPEND ON

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THE COOL TUBE® MKII

Developed and manufactured for the intended use of:

- ✓ Hot, humid underground mining activities that are low ventilation.
- ✓ Confined space locations such as vessels, dragline tubes, hoppers and tank compartments.
- ✓ Concealed areas, tunnels and shafts.
- ✓ Positive pressure air-conditioned refuge chambers, COBs and crib areas.
- ✓ Fixed equipment and infrastructure cooling - i.e. transformers, electric motors, gearboxes, radiators and bearings
- ✓ Any hot and or humid work area with sufficient compressed air available.

*With no moving or maintainable parts, **THE COOL TUBE® MKII** has a size to suit your application.*

Cool Tech Specs

MODEL NUMBER	MKII050	MKII120	MKII150	MIKK180	MKII210
Ideal Inlet Pressure	5 – 8 Bar	5 – 8 Bar	5 – 8 Bar	5 – 8 Bar	5 – 8 Bar
CFM @ Bar Inlet Pressure	50 CFM	120 CFM	150 CFM	180 CFM	210 CFM
Tested Air Inlet Temp	25°C	25°C	25°C	25°C	25°C
Cold End Discharge Temp/Flow	-5°C @ 18 LPS	-5°C @ 40 LPS	-3°C @ 50 LPS	0°C @ 58 LPS	1°C @ 70 LPS
Cold End Discharge Temp Drop	30°C	30°C	28°C	25°C	24°C
Warm End heat Shield Surface Temp	46°C	58°C	60°C	62°C	64°C
Warm End Air Temp	38°C	39°C	44°C	44°C	45°C
Volume at 3m with hose and 250mm silencer	74 dBA	81 dBA	84 dBA	84 dBA	85 dBA