

AIR COOLER

Air Cooler remarkably effects and increases the "blowing" performances and protects the cable from the high temperature with the cooling feature of this accessory when climate temperature exceeds 20°C.

Therefore, Air Cooler Machine is very much recommended making a safe cable deployment in long distances without or with less friction and this will protect your cable from the potential damages that are mainly high temperature on the cable jacket surface. This heat may cause to melting of cable jacket and cost you high.

Moreover, special mechanism of machine changes the high temperature air with the air outside. The pressurized cool air will drive the fan that propels the air outside with low temperature.

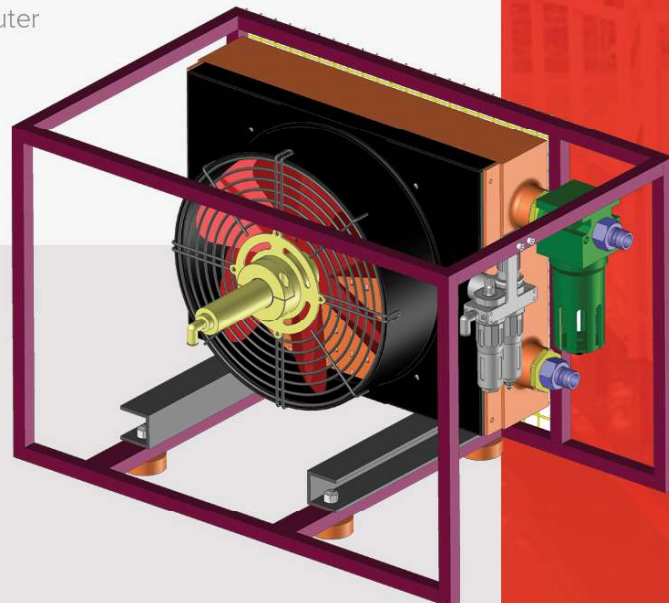
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This machine should be placed between the air-compressor and the cable blowing machine, which limits the pressurized air's temperature up to max around 10°C more than the air in the climate in order to prevent the overheatingproblems.

Without air cooler, the temperature of compressed air exiting the compressor is around 35°C above the ambient temperature.

In case no air cooler, then the air temperature compressed may exceed the environment temperature by 30 or 35C.. This means that total temperature may go up to 70C. Such a temperature will meld the outer jacket of cable.

Any temperature more than 50°C, will soften the outer sheath of cable and also pre-installed duct walls. Due to aforesaid reasons your cable deployment time and cost will remarkably increase, length of cable you install will be much less. This will bring the risk of bursting of ducts.





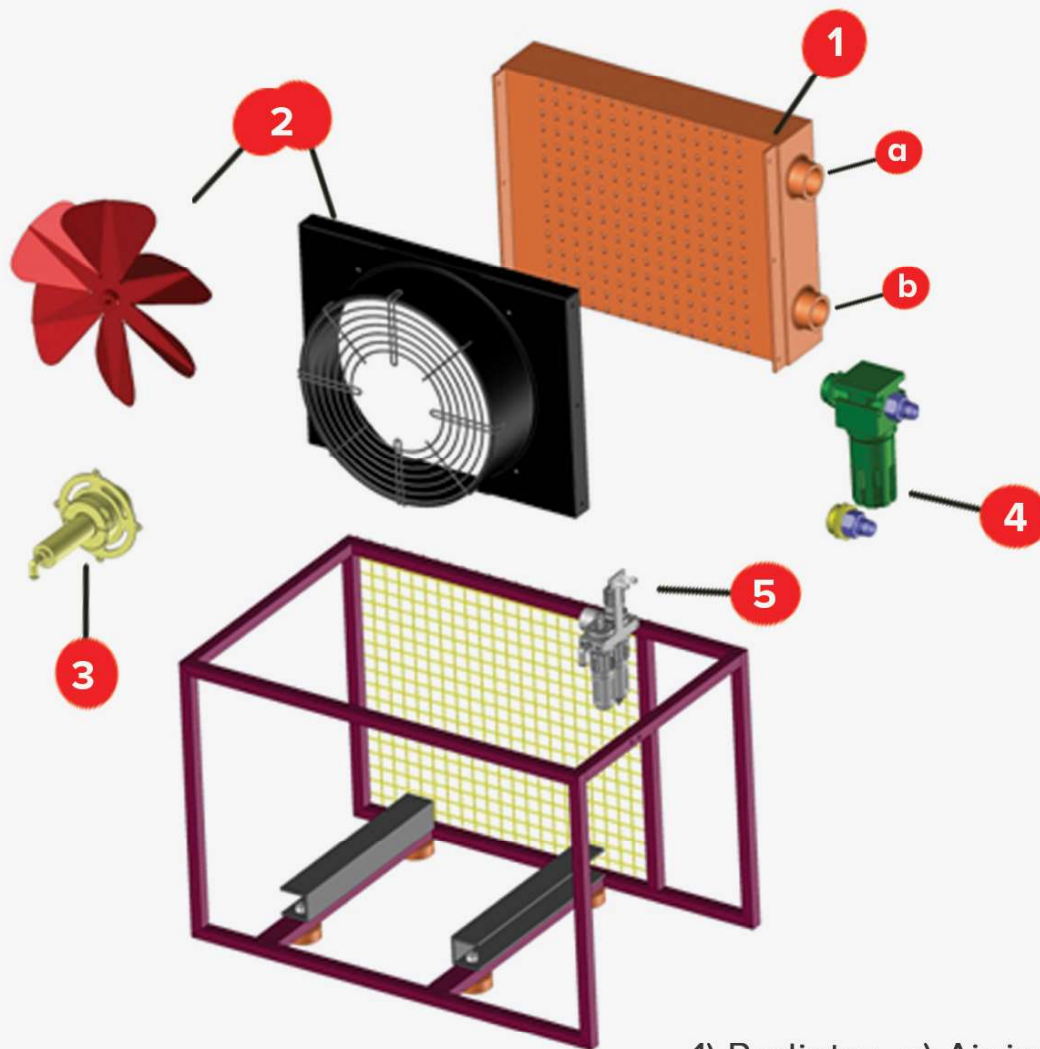
AIR COOLER FEATURES

- Easy to move
- Instant Fast set-up
- Simple to use
- Maintenance free, no special equipment needed.
- No dependence to any power source.
- Well secured against possible mechanical strikes

TECHNICAL PARAMETER

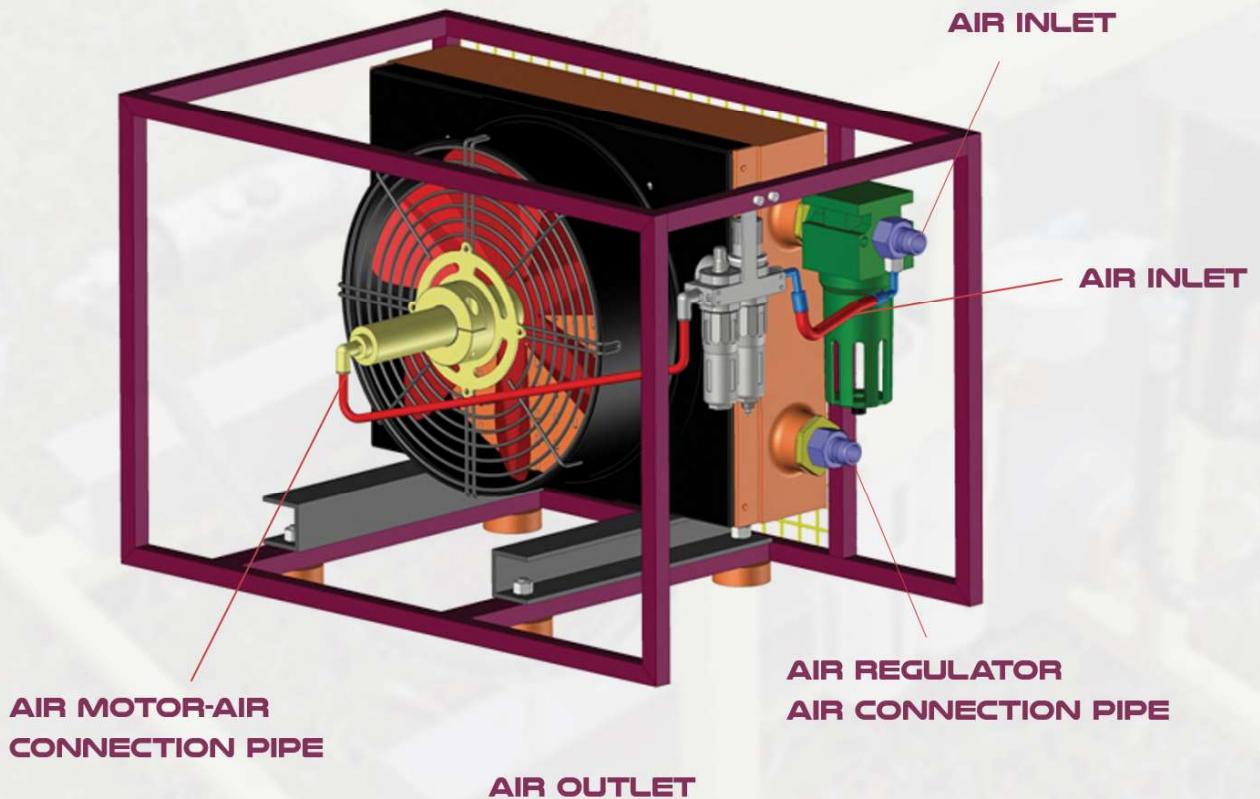
Standard version	Air cooler
Max. air requirement of engine [m ³ /min]	0.85 (at 7 bar)
Max. operating pressure (bar)	12
Max. air flow [m ³ /min]	12
Max. air inlet temperature [°C]	100
Max. air pressure at the motor [bar]	7
Max. pressure drop [bar]	0.2
Package Dimensions l x w x h [mm]:	820x540x600
Total Net weight [kg]	40
Total Gross Weight [kg]:	56

SOME SPECIFICATIONS OF AIR COOLER



- 1) Radiator a) Air in b) Air out
- 2) Propeller and propeller body
- 3) Air Motor
- 4) Filter
- 5) Air regulator

HOW TO USE AIR COOLER



First, the air from the compressor is directed through the filter through the air inlet to the radiator. The air that cooling in radiator exits from air outlet and it is ready for using at the machine. There are two air pipes for running to air motor. The first pipe transfers the air to air regulator. The air that lubricating in regulator transfers to air motor through the second pipe.