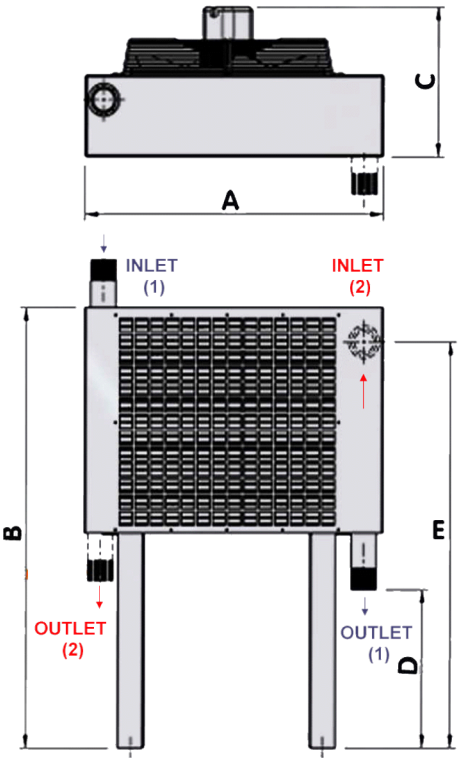
AFTERCOOLERS FOR COMPRESSED AIR

DESCRIPTION:

The GLOBAL EQUIPMENT aftercoolers consist of an efficient air to air heat exchanger and direct drive axial fan housed in a sturdy metal frame. In addition there is a condensate separator (optional) for condensate removal. The heat exchanger comprises aluminium finned and copper tubes which enable effective heat transfer to take place. The casing is manufactured in galvanized steel and is factory painted for added protection. A metal grill provides protection to and from the fan blades.

OPERATION:

Compressed air entering the aftercooler passes though the air to air heat exchanger. As a result heat is exchanged between the compressed air and the ambient air blown by the fan. The compressed air is cooled by the ambient air down to a temperature of approximately 8 to 10 °C above the ambient temperature and exit through the other end. A cool and sufficiently ventilated location is recommended.



NOTE:
INLET (1) and OUTLET (1) for AC030 to AC200
INLET (2) and OUTLET (2) for AC400 to AC650

	Cap.	Cap.	Conn.	Elec.	Dimensions (mm)					Wt.
Model	m³/ min *	cfm *	inch	V/ Ph/ Hz	A	B	C	D	E	Kg
AC030	1.8	63	1	220/ 1/ 50	445	785	240	340	-	17
AC100	5.5	193	1 ½	220/ 1/ 50	574	820	280	295	-	29
AC200	11.0	385	2	220/ 1/ 50	880	820	280	370	-	38
AC400	22.0	770	2 ½	380/ 3/ 50	920	1000	220	-	930	51
AC650	36.0	1260	3	380/ 3/ 50	1120	1200	320	-	1130	76

** FAD, based on operating pressure of 7.0 bar g, inlet temperature of 120°C and ambient temperature of 35°C. Maximum working pressure is at 16 bar g. Outlet air is approximately 8 to 10°C above ambient temperature. Global Equipment reserves the right to change specifications without prior notice. V2.0705*