HT4640

High temperature vortex cooler

CONNECT AND PROTECT



This high temperature Vortex cooler, HT, with a IP 66 protection degree, is easy to install, has no moving parts, and is maintenance free. In addition to cooling, it also reduces the relative humidity within the enclosure it is mounted on. This Vortex cooler is an ideal solution to prevent overheating within the enclosure in environments up to 93ºC, for example in a steel mill.

CE

IP 66 | TYPE 4X

IP 66 | TYPE 4, Aluminium

Silencer included	Yes
Low pressure relief valve	Yes
H	184
Air flow (l/min)	1133
Noise (dB)	78
Instalation cut-out diam. (mm)	48
Air inlet	1/4"
Cooling Capacity (W)	820
Weight (kg)	1.05
Item no.	HT4640

Description: Compact and reliable way to cool enclosures. It produces cold air from compressed air, with no moving parts. The easy mounting, through a standard electrical knockout, makes this solution especially suitable to be installed, even when the enclosures are already in the field. For a continuous Vortex operating, relative humidity inside the enclosure is maintained at aproximately 45%, no moisture condenses inside the enclosure (the enclosure must be sealed). Suitable even for ambient temperatures up to 93 °C, the internal components can withstand these high temperatures, and includes a silencer to minimize the noise. The coolers must be installed vertically to maintain the protection degree.

Material: Internal vortex tube manufactured in stainless steel. External cover, BP TYPE 12 in plastic and aluminium, BP TYPE 4 in aluminium, and TYPE 4X in stainless steel.

Protection: Depending on type, up to IP 66 | TYPE 4X.

Pack quantity: Vortex cooler with mounting accessories.