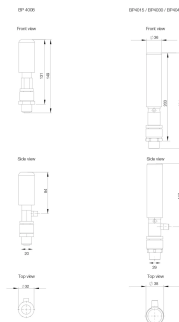


Vortex Cooler, BP



This Vortex cooler, BP 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.

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Description: Compact, reliable and low cost way to cool and purge 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 below 45%, no moisture condenses inside the enclosure (the enclosure must be sealed). Most TYPE 4 and 4X units include 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 4X in stainless steel.

Protection: Depending on type, up to IP66 | TYPE 4X.

Pack quantity: Vortex cooler with mounting accessories.

This reliable solution reduces the customer's labour cost due to the ease of installation

It is recommended to install a thermostat, BPT, as well as an air distribution kit, BPA

Pack quantity: Vortex cooler with mounting accessories

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Table 1/1

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BP4615SS	185mm	63mm	63mm	□□□	293W	IP66, NEMA 4X □
BP4030	203mm	38mm	52mm	□□□	586W	IP54, NEMA 12 □
BP4040	203mm	38mm	52mm	□□□	820W	IP54, NEMA 12 □
BP4015	203mm	38mm	52mm	□□□	293W	IP54, NEMA 12 □
BP4615	185mm	63mm	63mm	□□□	293W	IP66, NEMA 4 □
BP4630	185mm	44mm	44mm	□□□	586W	IP66, NEMA 4 □
BP4630SS	185mm	63mm	63mm	□□□	586W	IP66, NEMA 4X □
BP4640SS	185mm	63mm	63mm	□□□	820W	IP66, NEMA 4X □
BP4640	185mm	63mm	63mm	□□□	820W	IP66, NEMA 4 □
BP4608	126mm	44mm	44mm	□□□	162W	IP66, NEMA 4 □
BP4608SS	126mm	63mm	63mm	□□□	162W	IP66, NEMA 4X □
BP4008	131mm	32mm	38mm	□□□	162W	IP54, NEMA 12 □

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Cooling capacity is calculated with pressured air being 20 °C and having 7-bar pressure.

Silencer is not included with items BP4008, BP4015, BP4030, BP4040 BP4608, BP4608SS.

Low pressure relief valve is not included with item BP4008, BP4015, BP4030, BP4040.

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