# BP4040

Vortex cooler

CONNECT AND PROTECT



**This Vortex cooler, BP, 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.**

CE

IP 66 | TYPE 4X

**IP 54 | TYPE 12, Aluminium**

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|---|---|
| **Low pressure relief valve** | No |
| **Silencer included** | No |
| **H** | 203 |
| **Air flow (l/min)** | 1133 |
| **Noise (dB)** | 93 |
| **Cooling Capacity (W)** | 820 |
| **Instalation cut-out diam. (mm)** | 29 |
| **Air inlet** | 1/4" |
| **Weight (kg)** | 0.35 |
| **Item no.** | BP4040 |

**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.