

The Colt VO (Variable Opening) is a controllable, heavy duty ventilator which has been developed specially for the extreme conditions found in industries producing large amounts heat such as the aluminium steel, machinery and glass industries. It is robust and needs little maintenance. It provides effective ventilation of problem zones and in addition provides natural daylight when the ventilator is open. The VO ventilator can be installed into all common vertical walls.

CONSTRUCTION

A VO ventilator is made from aluminium and has a 50 x 50 x 5 mm aluminium angle section frame. The louvres are Z shaped with a thickness of either 1.5 mm or 2 mm, and are connected by a control bar. The louvres pivot on double, UV-resistant nylon bushes. The ventilator has a simple, robust structure, so maintenance is kept to a minimum. The ventilator can be opened by hand, cable, pneumatic cylinder or electric motor.

PNEUMATICALLY OPERATED (P)

The ventilator can be operated by compressed air via a pneumatic cylinder built into the ventilator (operating pressure 6 bar). Two return springs close the ventilator automatically on release of the air pressure.

HAND OPERATED (H)

If the ventilator is mounted at working level, the louvres can be operated by a handle attached to the ventilator. The louvres are fully adjustable between its open and closed positions.

EXTREME WEATHER CONDITIONS

The ColtVO can withstand the most extreme weather conditions, ranging from Arctic conditions to deserts.



DIMENSIONAL INFORMATION

Model	Width C mm	Height D mm	Louvre thickness mm
VO/1008	1000	800	1.5
VO/1010	1000	1000	1.5
VO/1012	1000	1200	1.5
VO/1014	1000	1400	1.5
VO/1016	1000	1600	1.5
VO/1018	1000	1800	1.5
VO/1020	1000	2000	1.5
VO/1022	1000	2200	1.5
VO/1024	1000	2400	1.5
VO/1026	1000	2600	1.5
VO/1028	1000	2800	1.5
VO/1030	1000	3000	1.5
VO/2008	2000	800	2.0
VO/2010	2000	1000	2.0
VO/2012	2000	1200	2.0
VO/2014	2000	1400	2.0
VO/2016	2000	1600	2.0
VO/2018	2000	1800	2.0
VO/2020	2000	2000	2.0
VO/2022	2000	2200	2.0
VO/2024	2000	2400	2.0
VO/2026	2000	2600	2.0
VO/2028	2000	2800	2.0
VO/2030	2000	3000	2.0

