

## PROTECT VENTSORB® 60 Sales Specification



PROTECT VENTSORB® 60

### DESCRIPTION

The **PROTECT VENTSORB® 60** is simple activated carbon adsorber designed for treatment of air and gases for a range of applications.

The **PROTECT VENTSORB® 60** is effective at purifying air streams with relatively low concentrations of Volatile Organic Carbons (VOCs) as well as odour forming and corrosive compounds.

The unit is preloaded with activated carbon for the specific application and is ready for immediate connection and start up.

The air or gas flows through the unit in an upflow direction and normally utilised as the end of pipe. The outlet should be monitored periodically to check the activated carbon is achieving the treatment objective. For larger flows or duties, a number of units can be used in parallel.

### FEATURES

- Effective treatment for a wide range of compounds
- Continuous treatment at varying flow rates and concentrations
- Simple installation and operation
- Supplied complete and ready for use
- Corrosion resistant materials

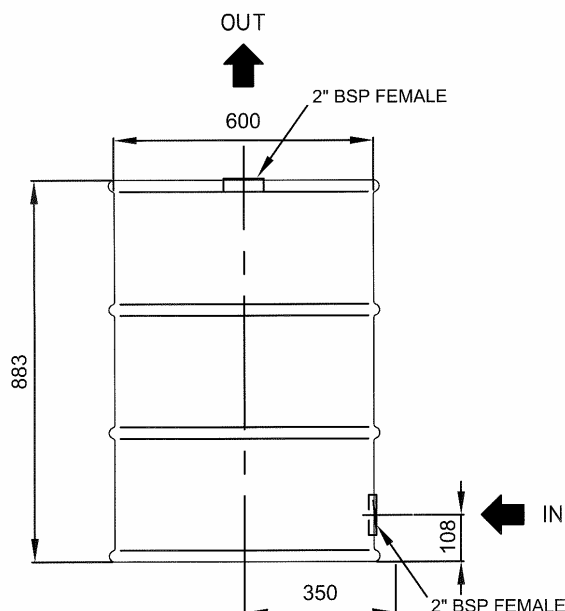
### APPLICATIONS

- Process exhaust and dryer vents
- Soil gas extraction
- Air stripping off gas
- Tank venting
- Solvent removal
- Spray booth exhausts
- Industrial gas treatment
- Building venting

### CARBON TYPES

Compounds	Recommended Carbon Type
Volatile Organic Compounds VOCs	AP4-60
Hydrogen sulphide	SOLCARB™ KS3
Acid gas compounds	IVP 4x6

See specific carbon bulletin for additional information.



## TECHNICAL DESCRIPTION

Carbon volume per adsorber	200 l
Flow rate, maximum	250 m <sup>3</sup> /h
Temperature, maximum	50°C
Pressure, maximum <sup>1</sup>	0.5 bar (gauge)
Diameter adsorber	600 mm
Straight side	883 mm
Connections – inlet	2 inch BSP female
Connections – outlet	2 inch BSP female
Vessel materials	Heat cured phenolic epoxy lacquer lined carbon steel
Footprint	0.7 x 0.7 m
Height – upright	0.95 m
Recommended clearance	1.1 m
Shipping weight	140 kg
Weight – operating (flooded)	240 kg

<sup>1</sup> The unit is not vacuum rated.

## SAFETY MESSAGE

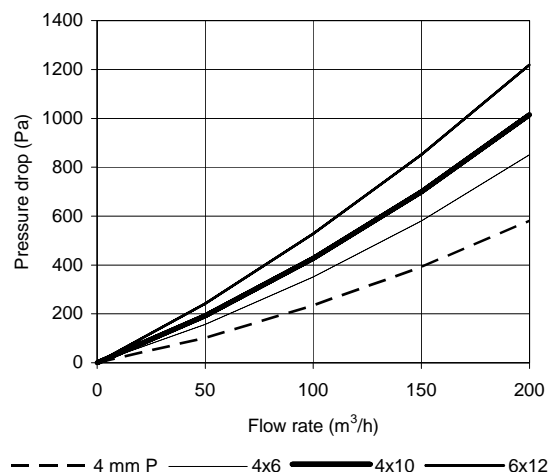
Wet activated carbon preferentially removes oxygen from air. In closed or partially closed containers and vessels, oxygen depletion may reach hazardous levels. If workers are to enter a vessel containing carbon, appropriate sampling and work procedures for potentially low-oxygen spaces should be followed.

## QUALITY

Each of our worldwide operations has achieved **ISO 9001** certification for their quality management system related to activated carbon. **Chemviron Carbon** guarantees the specifications against representative sampling.

## PRESSURE DROP

Typical Pressure Drop of  
**PROTECT VENTSORB® 60**



## CHEMVRON CARBON

**Chemviron Carbon**, the European operation of Calgon Carbon Corporation, is a global manufacturer, supplier, and developer of granular activated carbon, innovative treatment systems, value added technologies, and services for optimizing production processes and safely purifying the environment.

With our experience developed since the early years of the twentieth century, facilities around the world and a world-class team of over 1,200 employees, Calgon Carbon Corporation can provide the solutions to your most difficult purification challenges.

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Visit our website at [www.chemvironcarbon.com](http://www.chemvironcarbon.com)

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