

Hall Pyke



Water Treatment

HPC 205 carbon drums

The SMART choice for filtration

HPC 205

The HPC 205 is a small mobile interchangeable activated carbon adsorption filter, specially developed for the treatment and purification of air and gases.

This mobile filter is an absorber and transport vessel in one. This mobile container can be used on site as a gas phase pilot unit for the removal of VOC, solvents and odours.

The filter can be used for small industrial applications like sewer gas vents, air stripping, exhaust vents, chemical storage tanks vents.

The HPC 205 is normally delivered pre-filled on-site and can easily be moved by a hand pallet truck or forklift. The filter should be placed on a flat and hard surface.

The filter is normally used up-flow as single filter or in parallel with other filters. Screw connections allow the filters to be configured on-site to the process arrangement required by the operators.

The filter is operated until saturation of the activated carbon. Once the activated carbon is saturated, normally the entire filter is replaced by another unit filled with fresh carbon.



FEATURES

- Applicable anywhere
- Rapid and easy site installation
- Supplied fully equipped and ready to use
- Little or no maintenance required
- Simple for carbon refilling (metal version)
- A range of mobile filters are available for larger flows

TECHNICAL DESCRIPTION

Material coated steel

Diameter: 575 mm 560 mm

Height: $\pm 900\text{mm} \pm 960\text{mm}$

Content: $\pm 220\text{ litres}$

Weight empty: $\pm 15\text{kg}$

Filling: $\pm 75\text{kg} _ 175\text{ litres dry A.C. (vessel shipping wt. } \pm 90\text{kg) caution!}$

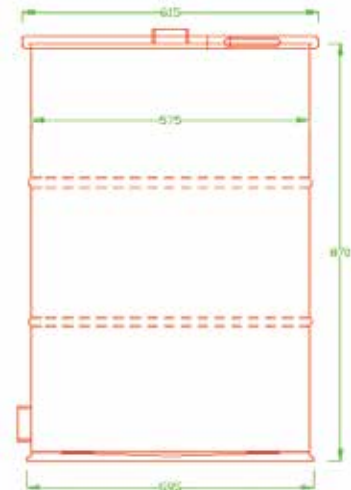
Weight at saturation or wet can go up to 200kg.

Connections BSP female

Inlet DN50 – at the bottom

Outlet DN50 – at the top operating conditions

Max. flow rate 200 m³/h.



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