

**POLY TANK GAS SCRUBBER**

**IDEAL USAGE**

Projects that require reduction of emission of vapors, which are soluble in in water

**APPLICATIONS**

Reduction of the concentration of acid or base vapors or odours in the venting air released via the PV-valve of our (Poly) Tanks



**WEIGHT AND MEASURES**

<b>Diameter:</b>	1,040 mm
<b>Height:</b>	1,500 mm
<b>Length:</b>	1,180 mm
<b>Weight (empty):</b>	100 kg
<b>Weight (filled):</b>	765 kg
<b>Airflow:</b>	40 Nm <sup>3</sup> /h (max)
<b>Working pressure:</b>	+ 10 mbar, vacuum -3 mbar
<b>Temperature:</b>	40 - 60 °C (depending on product)

**FEATURES AND DIMENSIONS**

**SKID**

<b>Material:</b>	Enforced HDPE plate
<b>Footprint:</b>	1,040 mm x 1,180 mm

**RESERVOIR**

<b>Material of construction:</b>	HPDE (PE 100)
<b>Reservoir capacity:</b>	665 litres
<b>Fill port:</b>	DN 100 closed with blinded flange
<b>Drain valve:</b>	DN 50 drain valve
<b>Overfill drain:</b>	DN 50
<b>Inlet size and type:</b>	DN 100 - Polypropylene flange
<b>Outlet size and type:</b>	DN 100 - Polypropylene flange
<b>Internal vapor distribution pipe:</b>	Slotted pipe: - Width slots : 3 mm - Length pipe: 900 mm - Diameter pipe: 110 mm
<b>Anti siphon check valve:</b>	Ventilation valve in DN25 bypass pipe
<b>Pressure drop across unit:</b>	10 mm H <sub>2</sub> O

**OTHER INSTALLED COMPONENTS**

<b>Insulation:</b>	Reservoir insulated with 10 cm rock wool
<b>Lifting eyes:</b>	Two lifting eyes mounted on top of reservoir
<b>Raincap:</b>	Yes, elbow with grid mounted on DN 100 outlet
<b>Pressure relief valve:</b>	To be fitted on Polytank. Set at 10 mbar maximum pressure, -3 mbar maximum vacuum

**QUALITY AND SAFETY**

Quality control inspections on a scheduled basis

