



POLY TANK GAS SCRUBBER

IDEAL USAGE

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

APPLICTAIONS

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

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

FEATURES AND DIMENSIONS

SKID

Material:	Enforced HDPE plate
Footprint:	1,040 mm x 1,180 mm

RESERVOIR

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

OTHER INSTALLED COMPONENTS

Insulation:	Reservoir insulated with 10 cm rock wool
Lifting eyes:	Two lifting eyes mounted on top of reservoir
Raincap:	Yes, elbow with grid mounted on DN100 outlet
Pressure relief valve:	To be fitted on Polytank. Set at 10 mbar maximum pressure, -3 mbar maximum vacuum