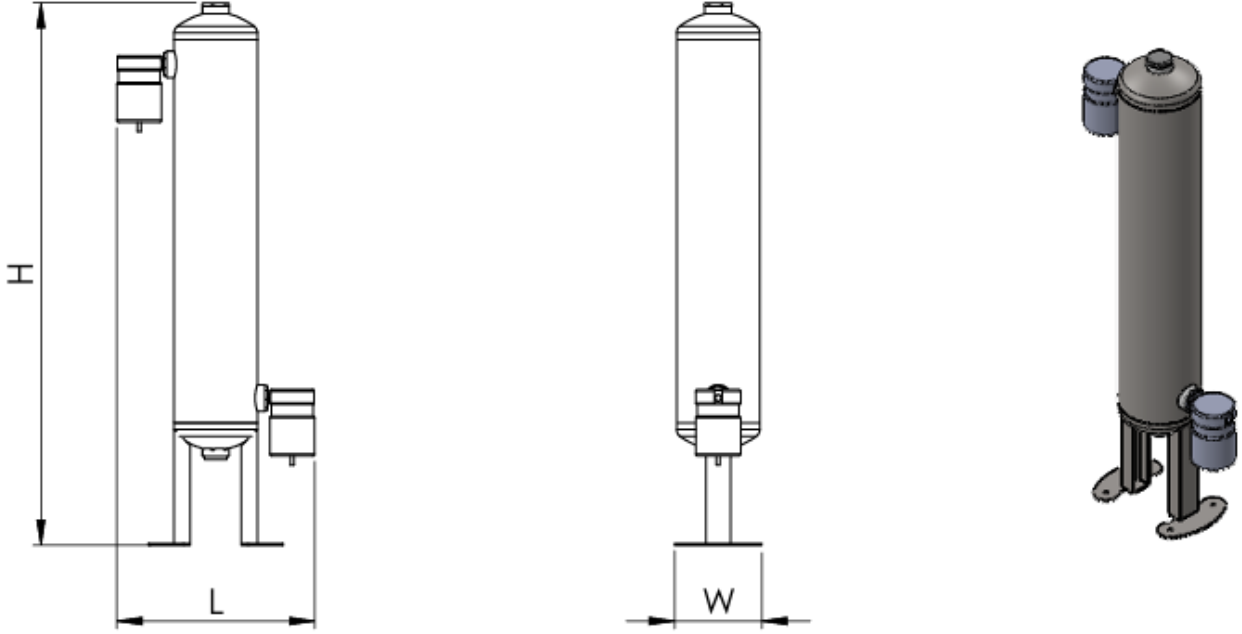




Nitroxtec High-Pressure Activated Carbon Tower Fitrer



NCT-14/50BAR

m ³ / minute	14,17
m ³ / hour	850
Operating pressure [bar] (g)	40
Inlet - Outlet	DN25/BSP 1" Female - DN25/BSP 1" Female
Dimensions L x W x H [mm]	550 x 280 x 1350
Shipping dimensions L x W x H [mm]	600 x 400 x 1470
Maintenance area L x W x H [mm]	1050 x 780 x 1850
Residual oil vapour content nominal (mg/m ³)	< 0.003
Raw Material	Activated Carbon
Raw Material Weight [kg]	40,5
Net Weight [kg]	108
Gross Weight [kg]	128
Pre-filter - Post-filter [µm]	0,1 - 0,01
Operating temperature	5-45°C
Minimum inlet pressure	4,5 bar (g)
Maximum inlet pressure	50 bar (g)
Dew point max	+3°C
Air quality ISO Specification	ISO 8573-1:2010 [Class 1 : Class 1] (Particles : Oil)

Compressed Air Inlet Temperature (Ti)						
Temp (°C)	25,00	30,00	35,00	40,00	45,00	50,00
Ki	1,00	1,00	1,00	0,96	0,90	0,83

Deviating working pressure P at the dryer inlet						
P bar(g)	20,00	25,00	30,00	35,00	40,00	50,00
Kp	0,50	0,63	0,75	0,88	1,00	1,25