

Activated Carbon Towers



Activated Carbon Towers ULTRAK

ULTRAK activated carbon towers have been developed to separate oil vapors from compressed air (dry separation).

The ULTRAK range is made from high quality steel.

Flow distributors (screens) ensure uniform distribution of air through a bed of activated carbon.

These vapors, along with other hydrocarbons, are separated from the rest by adsorption.

A coalescing filter is required upstream of the ULTRAK and a dust filter (1 µm) is recommended downstream, in order to intercept any residue from the activated carbon.

Characteristics

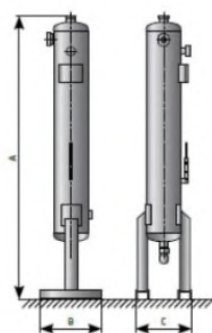
Operating pressure	16 bar
Temp. Operating	1,5 à 45 °C
Fitting diameters	3/8 à DN125
Debit	6 à 6500 Nm ³ /h
Standard color	RAL 5012

Quality

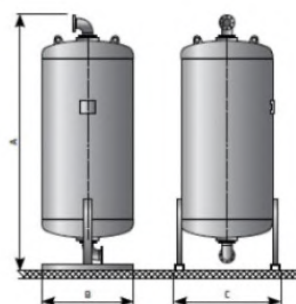
Quality class - solids (ISO 8573-1)	-
Quality class - water (ISO 8573-1)	-
Quality class - oils (ISO 8573-1)	0/1
Pressure drop - still new and dry (mbar / psi)	20 / 0,29
Filter element	Charcoal
Residual oil vapor content (nominal) (mg / m ³)	<0,003

MODEL	SERIES	DIAM FITTINGS inch	OPERATING PRESSURE bar	VOLUME FLOW AT 7BAR (G), 200C		DIMENSIONS(mm)			WEIGHT(hg)
				Nm3/h	scfm	A	B	C	
1	A	3/8"	16	6	3,5	404	188	100	3,5
2	A	3/8"	16	12	7	638	188	100	5,3
3	A	3/8"	16	24	14,1	1106	188	100	6,5
4	A	3/8"	16	36	21,1	1574	188	100	12
5	A	1/2"	16	60	35,3	1106	270	148	15
6	A	1/2"	16	75	44,1	1340	270	148	18
7	A	1/2"	16	105	61,8	1808	270	148	22
8	B	1"	16	110	86	1522	350	252	45
9	B	1"	16	150	117	1766	350	252	52
10	B	1"	16	200	157	1532	400	303	71
11	B	1"	16	260	204	1784	400	303	83
12	B	1 1/2"	16	320	251	1551	450	357	97
13	B	1 1/2"	16	410	321	1798	450	357	114
14	B	1 1/2"	16	590	462	1893	650	424	160
15	B	2"	16	770	603	1877	650	468	201
16	B	2"	16	1000	784	1961	650	506	242
17	C	DN50	16	1200	936	2170	550	550	280
18	C	DN65	16	1500	1170	2210	620	620	355
19	C	DN65	16	2000	1560	2330	700	700	420
20	C	DN80	16	2500	1950	2260	760	760	510
21	C	DN80	16	3000	2340	2400	800	800	595
22	C	DN100	16	3750	2925	2490	920	920	745
23	C	DN100	16	5000	3900	2600	1050	1050	960
24	C	DN125	16	6500	5070	2730	1150	1150	1300

Technical Images



SERIES B



SERIES C



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Specifications, including appearance, are subject to change without notice.