

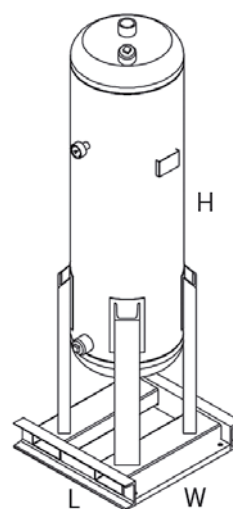
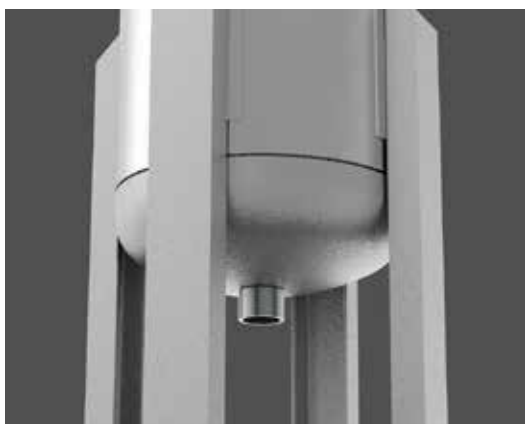
▶ ACTIVATED CARBON TOWER

Many industries such as the electronic and hospital industries, pharmaceutical industries, food and beverage sectors require the removal of residual oil vapors and odors from the compressed air. Mikropor's solution for this application is the MCT Series activated carbon towers. With standard pre and after filters such as particulate filters, water coalescers and oil coalescers, the oil content inside the compressed air can be reduced to 0.01 mg/m^3 (0.01 ppm) for applications of EXTREME air quality such as hospital, pharmaceutical industries, or food and beverage industries, the residual oil content may need to be reduced to 0.003 mg/m^3 (0.003 ppm). MCT filters such as Mikropor activated carbon G series, GO series, F series filters or MCT activated carbon towers are a must for these types of applications.

Correction Factor

Operating Pressure (bar)	PSI	Correction Factor
1	15	0,5
3	44	0,71
5	73	0,87
7	100	1
9	131	1,12
10	145	1,15

Max. Recommended Operating Temperature	Max. Oil Carryover at 21°C (mg/m^3)	Max. Working Pressure
25°C	0,003°C	10 bar



Technical Specifications

Model	Connection Size	Flow Rate (m³/h)	Max. Working Pressure (bar)	Active Carbon (kg)	Housing Dimensions (mm)		
					Length	Width	Height
MTC130	1"	130	10	14	347	450	1172
MTC185	1"	185	10	20	450	563	1413
MTC250	1"	250	10	28	430	601	1370
MTC300	1 1/2"	300	10	37	500	649	1336
MTC360	1 1/2"	360	10	37	500	649	1336
MTC440	1 1/2"	440	10	46	500	648	1536
MTC575	1 1/2"	575	10	56	469	604	1733
MTC680	2"	680	10	74	550	540	1936
MTC850	2"	850	10	97	580	600	1957
MTC1000	2"	1000	10	128	657	638	1617
MTC1250	DN80	1250	10	149	708	880	2400
MTC1500	DN80	1500	10	167	708	880	2558
MTC1800	DN80	1800	10	210	810	980	2423
MTC2200	DN80	2200	10	262	810	1100	2600
MTC2700	DN80	2700	10	320	910	1100	2758
MTC3200	DN100	3200	10	356	866	1050	3023
MTC3600	DN100	3600	10	400	866	1050	3237
MTC4400	DN100	4400	10	537	1130	1250	2914
MTC5000	DN100	5000	10	624	1130	1310	3420
MTC6300	DN150	6300	10	754	1230	1230	3365
MTC7200	DN150	7200	10	845	1430	1430	3075
MTC8800	DN150	8800	10	1009	1430	1430	3369
MTC10800	DN200	10800	10	1148	1430	1430	3863