

Activated Carbon Tower

HACT SERIES

HACT 130 / 185 / 250 / 300 / 360 / 440 / 575 / 680 / 850 / 1000 / 1250
/ 1500 / 1800 / 2200 / 2700 / 3200 / 3600 / 4400 / 5000 / 6300 / 7200 / 8800 / 10800



ACTIVATED CARBON TOWER

Many industries such as electronics, medical, pharmaceutical, food and beverage require the removal of the residual oil vapors and odors from the compressed air efficiently. HACT series of activated carbon towers ensures oil mist and odor removal from compressed air.



With standard pre and after filters such as particulate filters, water coalecers and oil coalecers 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). HACT filters such as Hertz activated carbon G series, GO series, F series filters or HACT activated carbon towers are a must for such kind of applications.

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SPECIFICATIONS



MODEL	Capacity		Connection Size	Maximum Working Pressure	Maximum Working Temperature	Dimensions (mm)		
	m ³ /min	cfm		bar	°C	Length	Width	Height
HACT 130	2,17	77	1"	10	25	347	450	1172
HACT 185	3,08	109	1"	10	25	450	563	1413
HACT 250	4,17	147	1"	10	25	430	601	1370
HACT 300	5,00	177	1 1/2"	10	25	500	649	1336
HACT 360	6,00	212	1 1/2"	10	25	500	649	1336
HACT 440	7,33	259	1 1/2"	10	25	500	648	1536
HACT 575	9,58	338	2"	10	25	469	604	1733
HACT 680	11,3	400	2"	10	25	550	540	1936
HACT 850	14,2	500	2"	10	25	580	600	1957
HACT 1000	16,7	589	DN 80	10	25	657	638	1617
HACT 1250	20,8	736	DN 80	10	25	708	880	2400
HACT 1500	25,0	883	DN 80	10	25	708	880	2558
HACT 1800	30,0	1059	DN 80	10	25	810	980	2423
HACT 2200	36,7	1295	DN 80	10	25	810	1100	2600
HACT 2700	45,0	1589	DN 100	10	25	910	1100	2758
HACT 3200	53,3	1883	DN 100	10	25	866	1050	3023
HACT 3600	60,0	2119	DN 100	10	25	866	1050	3237
HACT 4400	73,3	2589	DN 150	10	25	1130	1250	2914
HACT 5000	83,3	2943	DN 150	10	25	1130	1310	3420
HACT 6300	105,0	3708	DN 150	10	25	1230	1410	3365
HACT 7200	120,0	4237	DN 150	10	25	1430	1575	3075
HACT 8800	146,7	5179	DN 150	10	25	1430	1575	3369
HACT 10800	180,0	6356	DN 200	10	25	1430	1650	3863

- HERTZ KOMPRESSOREN reserves its rights to change the specifications without any prior notice.

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

HACT Activated Carbon Tower Sizing Example:

If a compressor delivers 100 m³/min at 5 bar please choose your Filter model as follow:

100 m³/min / 0,87=115 m³/min your model is HACT 7200.