

CFT Activated Carbon Tower Range

Delivering oil-free high quality air



Delivering “oil-free air” from oil-lubricated and oil-free compressors

Manufactured by CompAir, the activated carbon tower practically eliminates all oil vapour and hydrocarbon odors from your operations. They are available in two configurations – aluminium extrusion and fabricated tank, are supplied with dust post-filter and are easy to maintain.

In critical applications like food and pharmaceutical production where oil content ISO8573-1 Class 1 air or better is crucial, this carbon adsorption technology helps achieve the highest quality “technically oil-free air”.

Extruded aluminium units are up to model CFT58L and are lightweight (CFT5 can be wall-mounted). As per the tank configuration, they can be used in compressed air systems or at the point of use. Rightsizing units with corrective factors ensures consistent outlet air quality over 12 months of continuous operations.

This activated carbon tower is a cost-effective, adaptable solution to your oil-free compressed air requirements from the experts at CompAir.

CFT Activated Carbon Tower benefits are your advantages:

Unparalleled Air Quality Guaranteed

CompAir’s carbon tower offers you Class 1 air or better “technically oil-free air” when used with CF filters, 0.003 mg/m³ remaining oil content represents Class 0 air.

No expensive cartridges

Unique loose-fill adsorbent carbon filtration is much more cost-efficient than cartridges for a lower total cost of ownership (TCO). Helps to protect the environment avoiding cartridge waste.

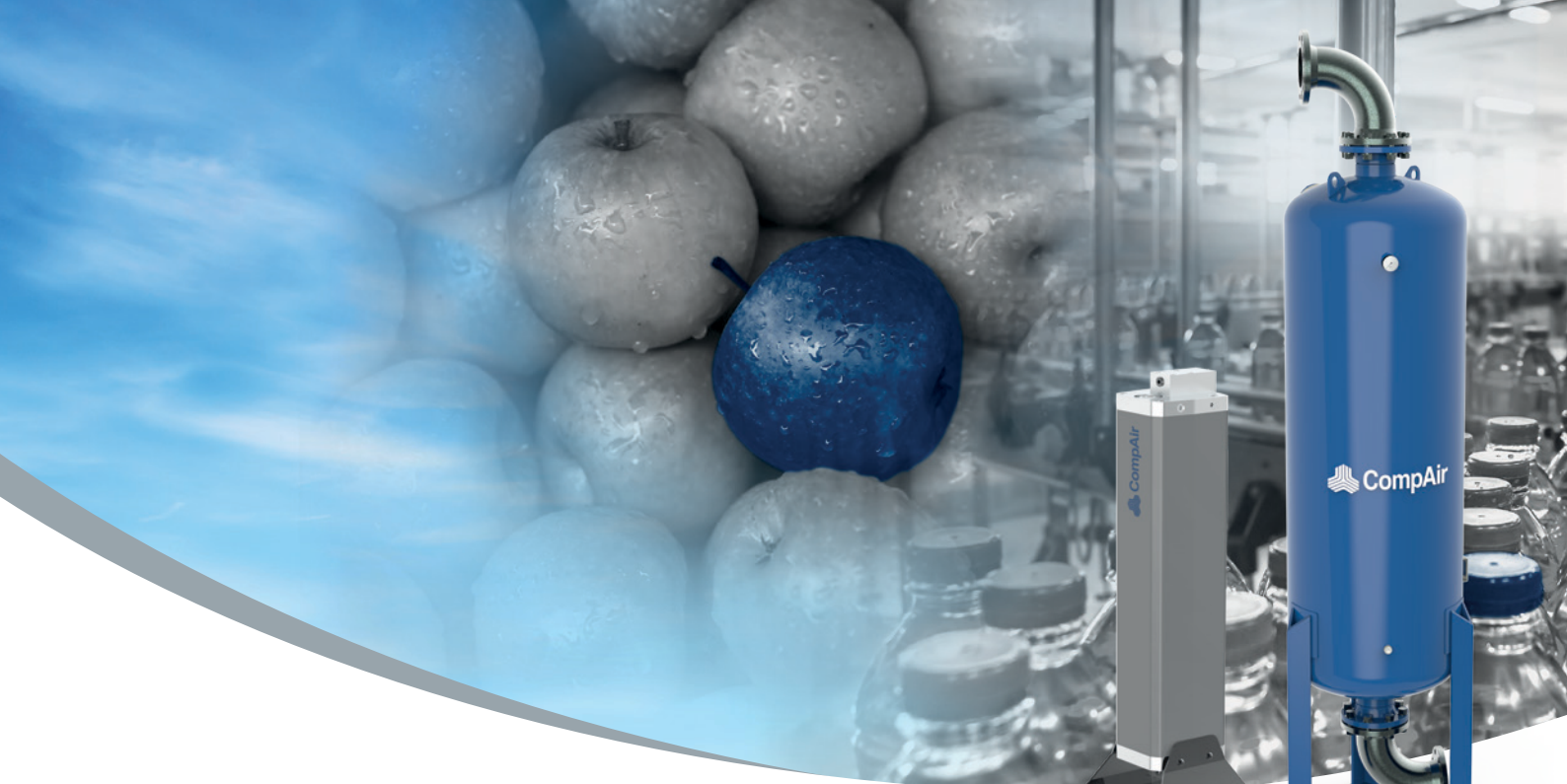
Flexible application

The carbon tower can be used with oil-lubricated or oil-free compressors, either at the point of use or as an air system component.



Max. remaining oil content of 0.003 mg/m³ effectively delivering Class 0 air quality when used with in-line standard high efficiency grade filter.





Technical Data

Model	Part Number [CCN]	Flow capacity		Pressure [bar g]	Dimension (mm)			In/out connection inch ["]	Weight [kg]
		[m³/h]	[m³/min]		[A]	[B]	[C]		
CFT5L	47745953001	30	0.50	14	749	212	143	3/8"	8
CFT12L	47745954001	75	1.25	14	890	267	255	3/4"	20
CFT18L	47745955001	110	1.83	14	1090	267	255	3/4"	24
CFT25L	47745956001	150	2.50	14	1440	267	255	1"	32
CFT30L	47745957001	180	3.00	14	1640	267	255	1"	35
CFT58L	47745958001	350	5.83	14	1660	447	255	1-1/2"	70
CFT100L	47745959001	600	10.00	15	2113	391	391	2"	115
CFT166L	47745960001	1000	16.67	15	2148	436	436	2"	157
CFT260L	47745961001	1560	26.00	15	2463	483	483	3"	222
CFT383L	47745962001	2300	38.33	15	2693	595	595	3"	379
CFT466L	47745963001	2800	46.67	13	2879	721	721	DN100 PN40	456
CFT950L	47745964001	5700	95.00	13	3455	855	855	DN150 PN40	900

ICT Correction factors

°C/bar g	4	5	6	7	8	9	10	11	12	13	14	15
25°C	0.63	0.75	0.88	0.88	1	1	1	1.14	1.14	1.14	1.25	1.25
30°C	0.63	0.75	0.88	0.88	1	1	1	1.14	1.14	1.14	1.25	1.25
35°C	0.63	0.75	0.88	0.88	1	1	1	1.14	1.14	1.14	1.25	1.25
40°C	0.55	0.66	0.77	0.77	0.88	0.88	0.88	1	1	1	1.11	1.11
45°C	0.45	0.54	0.63	0.63	0.72	0.72	0.72	0.81	0.81	0.81	0.9	0.9
50°C	0.32	0.39	0.45	0.45	0.52	0.52	0.52	0.58	0.58	0.58	0.65	0.65

Calculation for correct Activated Carbon Tower Air flow = Nominal Activated Carbon Tower Air Flow x Correction Factor