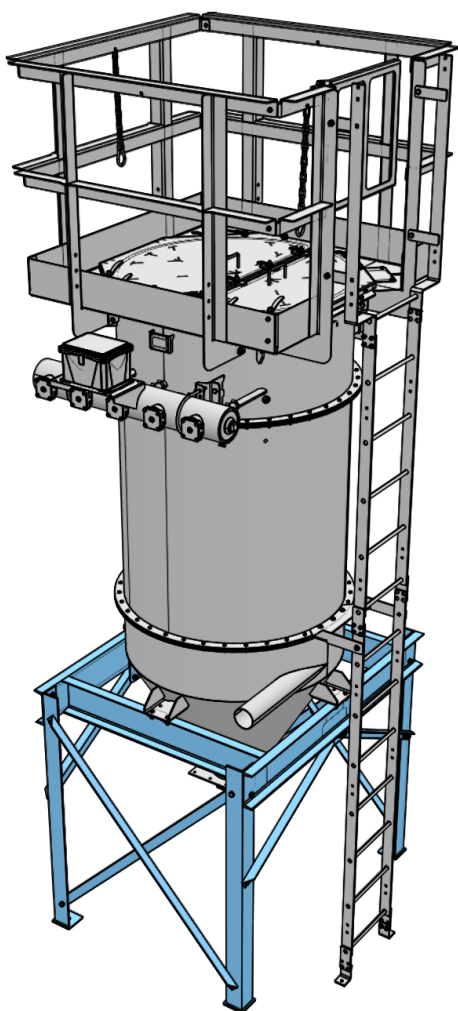


Round Top Removal (RT/RTC) Filter



PRODUCT OVERVIEW AND CONSTRUCTION

The RT filter is a circular bodied pulse jet filter that features convenient and efficient top hinged doors. With a top entry there is no need to enter the dirty portion of the filter. Top removal snap band filter bags require no tools for removal and can quickly be changed out.

Coperion offers this filter in two styles: without the hopper (Style II) the filter is ideally suited as a bin vent filter for storage tanks, work bins and surge hoppers. With a 60° hopper (Style III) the filter receives dust through the hopper inlet and discharges the collected dust through an airlock for dust disposal or recycling.

The same filter housing can be fitted with pleated cartridges for higher filtration efficiencies and is then designated as an RTC. RTC models can handle higher air volumes than the RT model.

KEY APPLICATIONS

RT filters work in low-capacity pneumatic conveying systems, such as vacuum loading of extruders or refilling minor/micro hoppers. Designed for low air volumes, the RT can handle higher pressures than a square or rectangular unit.

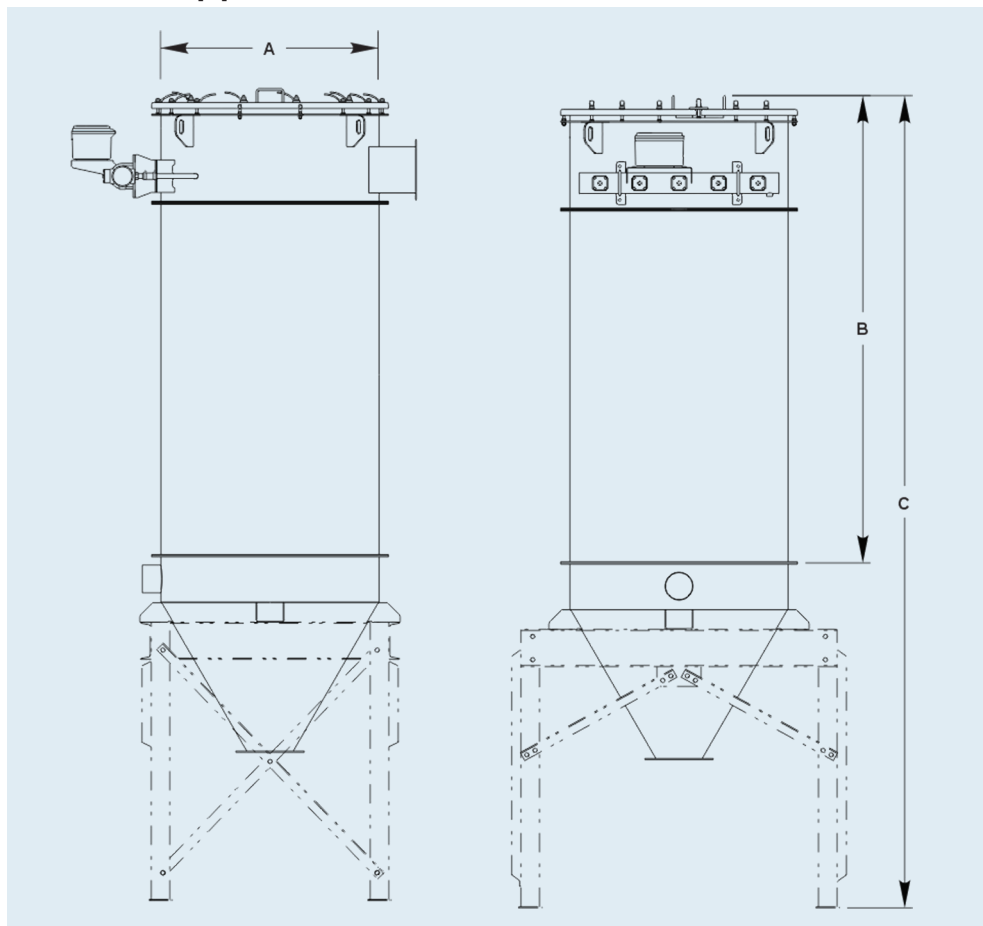
When fitted with a pneumatic receiver, the Coperion RT filter becomes an excellent product receiver. Product enters the filter and is discharged from the bottom through an airlock. Centrifugal force separates the product from the airstream and gently discharges it.

SPECIFICATIONS

- Unit stressed 1016 mm (40") W.C. or 432 mm (17") Hg Vacuum
- 432 mm (17") Hg units are rated for 8 psig Pred.
(RT(c)62 and RT(c)80 rated for 5 psig. Pred.)
- Carbon steel or stainless steel construction
- Full welded exterior and skip welded interior
- Standard temperature rating: 82 °C [180 °F]
Optional construction up to 204 °C [400 °F]
(RTC max. temperature rating: 93 °C [200 °F])
- Hopper interior welds ground smooth
- Optional 70° hopper

Round Top Removal (RT/RTC) Filter

DIMENSIONS mm [in]



MODEL	CLOTH AREA SQ. M [SQ. FT]	NUMBER OF	A mm [in]	B mm [in]	C mm [in]
18RT7	1.93 [15]	7	711 [28]	762 [30]	1389 [54.69]
36RT7	2.97 [32]			1016 [40]	1643 [64.69]
54RT7	4.46 [48]			1473 [58]	2100 [82.69]
72RT7	6.04 [65]			1930 [76]	2558 [100.69]
18RT14	2.79 [30]	14	1016 [40]	762 [30]	1389 [54.69]
36RT14	5.95 [64]			1016 [40]	1643 [64.69]
54RT14	9.01 [97]			1473 [58]	2100 [82.69]
72RT14	12.17 [131]			1930 [76]	2558 [100.69]
96RT14	16.26 [175]	21	1194 [47]	2540 [100]	3167 [124.69]
36RT21	8.92 [96]			1016 [40]	1643 [64.69]
54RT21	13.56 [146]			1473 [58]	2100 [82.69]
72RT21	18.2 [196]			1930 [76]	2558 [100.69]
96RT21	24.43 [263]	32	1524 [60]	2540 [100]	3167 [124.69]
54RT32	20.72 [223]			1473 [58]	2100 [82.69]
72RT32	21.27 [229]			1930 [76]	2558 [100.69]
96RT32	401 [37.25]			2540 [100]	3167 [124.69]
54RT39	25.18 [271]	39	1676 [66]	1473 [58]	2100 [82.69]
72RT39	33.91 [365]			1930 [76]	2558 [100.69]
96RT39	45.43 [489]			2540 [100]	3167 [124.69]
72RT52	45.15 [486]	52	1829 [72]	1930 [76]	2558 [100.69]
96RT52	60.57 [652]			2540 [100]	3167 [124.69]
72RT62	53.88 [580]	62	2134 [84]	1930 [76]	2558 [100.69]
96RT62	72.28 [778]			2540 [100]	3167 [124.69]
72RT80	69.49 [748]	80	2362 [93]	1930 [76]	2558 [100.69]
96RT80	93.27 [1104]			2540 [100]	3167 [124.69]

Scheduled dimensions are for general information only. For specific dimensions, request a general dimension drawing.