

# Hygienic Round Top Removal (HRT) 3-A Filter

- Round housing handles higher pressures
- Topside bag replacement speeds changeout of filter media
- Hinged top dome allows clean air access to filter media

## Application

This circular bodied 3-A approved pulse jet filter features a convenient and efficient top hinged dome. With 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.

## Equipment

HRT 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 HRT can handle higher pressures than a square or rectangular unit.

Schenck Process offers the HRT 3-A 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. When fitted with a pneumatic receiver,



the Schenck Process HRT 3-A 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.

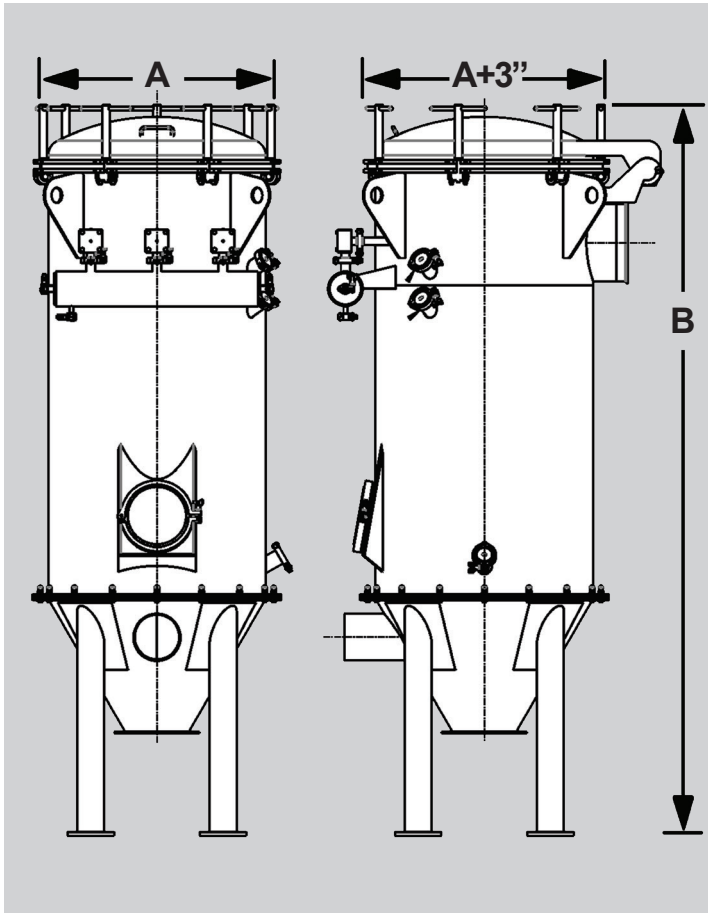
## Features

- Unit rated for 17" Hg and 250 °F standard temperature
- 8" viewport/inspection opening mounted in baghouse
- 304 Stainless Steel construction
  - Housing: HRT1-HRT14: 10ga.; HRT21-HRT32: 7ga.
  - Hopper: HRT7-HRT32: 10ga.
  - Housing flanges: 1/4" x 2"
- Interior and exterior finishes to meet 3-A sanitary requirements
- Ferrules mounted for use with clean-in-place (CIP) skid

## Options

- Differential pressure transmitter
- Sanitary ferrule inlet and exhaust connections
- Explosion venting

## Hygienic Round Top Removal (HRT) 3-A Filter Dimensions



Model	Sq. Ft. Cloth (Sq. M Cloth)	Number of Bags	Dimensions inches (mm)		Weight lbs. (kg)
			A	B	
18HRT1	5 (0.47)	1	13 (330)	42.3 (1074)	122 (55.3)
36HRT1	10 (0.93)	1	13 (330)	60.3 (1532)	145 (65.8)
18HRT3	16 (1.49)	3	22.2 (564)	43.3 (1100)	224 (101.6)
36HRT3	30 (2.79)	3	22.2 (564)	61.3 (1557)	265 (120.2)
36HRT7	32 (3)	7	28 (711)	94.10 (2,390)	710 (322)
54HRT7	48 (4.5)			112.10 (2,847)	790 (358)
72HRT7	65 (6)			130.10 (3,305)	860 (390)
36HRT14	64 (6)	14	40 (1,016)	104.10 (2,644)	1,100 (499)
54HRT14	97 (9)			122.10 (3,101)	1,200 (544)
72HRT14	131 (12.2)			140.10 (3,559)	1,400 (635)
36HRT21	96 (8.9)	21	47 (1,194)	109.10 (2,771)	1,500 (680)
54HRT21	146 (13.6)			127.10 (3,228)	1,700 (771)
72HRT21	196 (18.2)			145.10 (3,686)	1,900 (862)
54HRT32	223 (20.7)	32	60 (1,524)	145.33 (3,691)	2,400 (1089)
72HRT32	299 (27.8)			163.33 (4,149)	2,600 (1179)