



MODEL WSS - Discharge Water Separator/Silencer

Burgess Manning Discharge Separator/Silencer
For Water-Sealed Vacuum Blowers

Description:

Burgess-Manning centrifugal type water separator/silencers are designed to remove entrained liquid from air in a vacuum system while providing noise reduction.

Features:

- 99% efficient extraction of free liquid
- Up to 10dB noise reduction
- Economically priced
- Long service life

Theory of Operation:

Air flow passes through a separation section where 99% of the free liquid is extracted centrifugally.

Specifications:

Extraction Efficiency: 99% of Free Liquid

Noise Reduction: Up to 40 dB

Maximum Operating Pressure: 10 psig

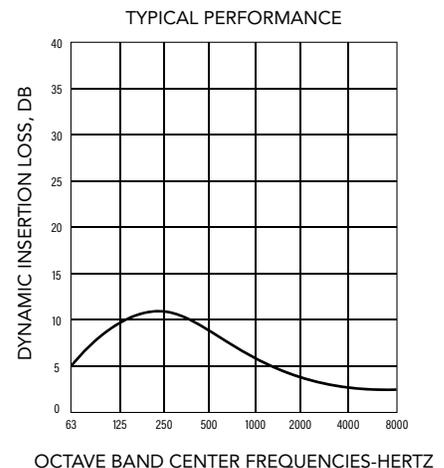
Typical Sizes: 1" - 30"
Larger Sizes Available
Upon Request

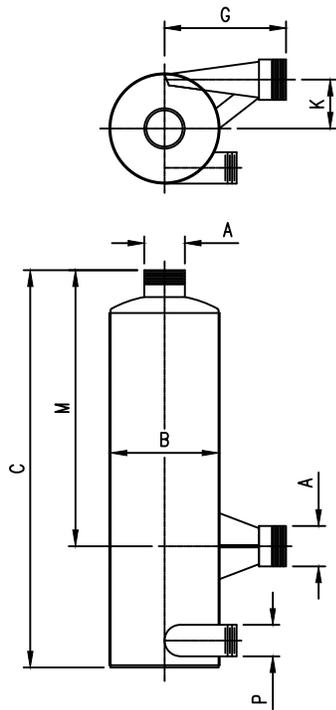
Standard End Connections: NPT or 125# ANSI Flanged

Standard Material of Construction: Carbon Steel
Other Materials Available
Upon Request

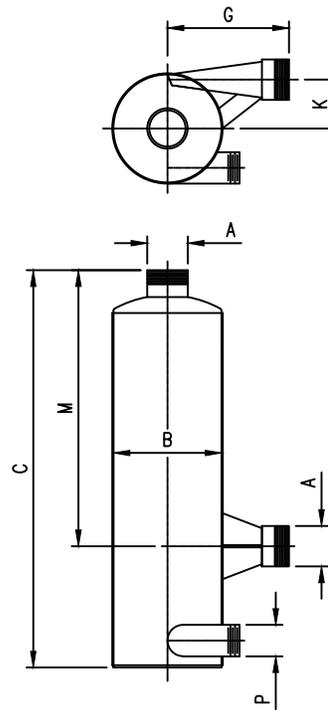
Finish: Prime Coated
Exterior

Burgess-Manning model WSS Water Separator





WSDA
SIZES 1" THRU 3"



WSDA
SIZES 3 1/2" AND LARGER

| Catalog Number | Dimensions in Inches | | | | | | | Estimated Weight in lbs. |
|----------------|----------------------|-------|----|--------|----------|--------|-------|--------------------------|
| | A | B | C | G | K | M | P | |
| WSDA-1 | 1 | 4 1/2 | 14 | 6 | 2 3/32 | 8 3/4 | 1 | 10 |
| WSDA-1.25 | 1 1/4 | 4 1/2 | 14 | 6 | 2 1/16 | 8 | 1 | 10 |
| WSDA-1.5 | 1 1/2 | 6 | 17 | 7 | 2 3/4 | 10 | 1 1/2 | 15 |
| WSDA-2 | 2 | 8 | 22 | 9 | 3 11/16 | 13 | 2 | 25 |
| WSDA-2.5 | 2 1/2 | 10 | 24 | 10 | 4 5/8 | 14 | 2 | 35 |
| WSDA-3 | 3 | 10 | 27 | 11 | 4 9/16 | 16 | 2 1/2 | 50 |
| WSDA-3.5 | 3 1/2 | 12 | 30 | 12 | 5 1/2 | 18 | 2 1/2 | 60 |
| WSDA-4 | 4 | 12 | 29 | 13 1/2 | 5 7/16 | 18 1/2 | 3 | 85 |
| WSDA-5 | 5 | 16 | 35 | 14 1/2 | 7 5/16 | 21 1/2 | 3 | 130 |
| WSDA-6 | 6 | 18 | 42 | 18 | 8 3/16 | 27 | 3 | 175 |
| WSDA-8 | 8 | 22 | 52 | 21 1/2 | 9 15/16 | 32 | 3 | 285 |
| WSDA-10 | 10 | 24 | 56 | 26 | 10 11/16 | 32 | 3 | 440 |
| WSDA-12 | 12 | 30 | 69 | 31 1/2 | 13 7/16 | 40 1/2 | 4 | 685 |
| WSDA-14 | 14 | 36 | 75 | 36 1/2 | 16 1/4 | 43 | 4 | 1390 |
| WSDA-16 | 16 | 42 | 88 | 41 1/2 | 18 7/8 | 52 | 4 | 1860 |

NOTES: - Flanges are drilled to match 125 lb. American Standard Flanges
 - Larger units available upon request
 - Specifications subject to change without notice