

SINCE 1908
wessels
 company

PERFORMANCE

TYPE: **WESS-VENT**
AIR & DIRT SEPARATOR

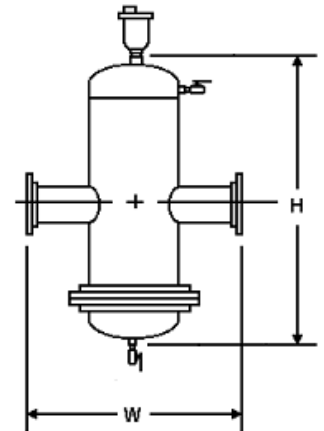
MODELS: **STANDARD & HIGH VELOCITY**
 PERFORMANCE SHEET No. WVA-111 Date: 8/04

DESCRIPTION

Wessels WVA-series Air & Dirt Separators are designed to eliminate entrained air and separate debris associated with start-up and maintenance of any hydronic system. The design incorporates a skim valve, used to eliminate floating debris, a removable end cover for coalescing medium access, and an air vent to automatically release air from the separator. The design and construction conforms to ASME Section VIII, Div. 1

SELECTION DATA

Model	Pipe Size	Width	Standard Height	HV Height	Standard GPM	HV GPM	CV Rating
WVA-2	2	15 1/4	23	33	46	105	99
WVA-2.5	2 1/2	15 3/4	23	33	72	155	163
WVA-3	3	20 1/4	29	42	96	225	204
WVA-4	4	20 5/8	29	42	170	405	361
WVA-5	5	27 3/4	39	59	265	630	588
WVA-6	6	27 3/4	39	59	380	910	864
WVA-8	8	33 5/8	49	75	630	1610	1378
WVA-10	10	37 1/2	65	92	960	2450	2268
WVA-12	12	42 1/2	76	110	1400	3500	3095



Wess-Vent standard capacity based on 0.21 psi drop at 4 fps flow velocity
 Wess-Vent HV capacity based on 1.2 psi drop at 10 fps flow velocity

WESS-VENT AIR & DIRT SEPARATOR
Flow/Pressure Performance Data

