



TELEFLO INDIA PVT. LTD.

AIR RELEASE VALVE

MODEL NO.: AVV - 200

Operational Highlights:

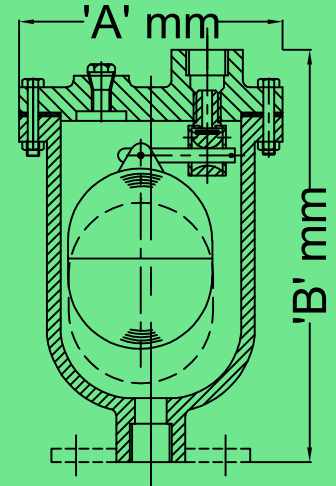
- Maintains system flow efficiency.
- Releases unwanted air pockets during system operation.
- Protects system against air related surges.

Product Features:

- Unconditionally guaranteed stainless steel floats.
- Stainless Steel 316 / Stainless Steel 304 internal trim.
- Resilient seating for positive shutoff.
- Performance proven for over 40 years.
- Non-clog design eliminates backwashing.

Optional Accessories:

- Vacuum check (prevents inflow of air).
- Outlet hood with screen (Prevents debris from entering valves).
- Ball and plug isolation valves (allows valve maintenance).
- Inflow prevent on outlet (stops flood water and resulting contamination from entering pipeline).
- Backwash kit (for severe wastewater applications).



Sizing of Air Release Valve

Inlet Size	Outlet Size	Orifice Size	Float Size	PSI Rating	Dimensions	
					"A" mm	"B" mm
1/2", 3/4" & 1" NPT	1/2" NPT	1/32" & 1/16"	75mm	150 #	140 mm	195 mm
1/2", 3/4" & 1" NPT	1/2" NPT	1/16"	75mm	300 #	140 mm	195 mm
1/2", 3/4" & 1" NPT	1/2" NPT	1/8"	75mm	150 #	140 mm	190 mm
1", 1 1/2" & 2" NPT	1/2", 3/4" & 1" NPT	5/32"	90mm	300 #	180 mm	255 mm
2" NPT	3/4" & 1" NPT	3/16"	90mm	150 #	180 mm	255 mm
3" NPT/FLG	1" NPT	1/4" & 3/8"	100mm	150 #	240 mm	310 mm
3" NPT/FLG	1" NPT	1/4" & 7/32"	100mm	300 #	240 mm	310 mm
4" FLG	1" NPT	1/4" & 5/8"	150mm	150 #	275 mm	340 mm
6" Flg	1" NPT	1"	200mm	150 #	480 mm	560 mm

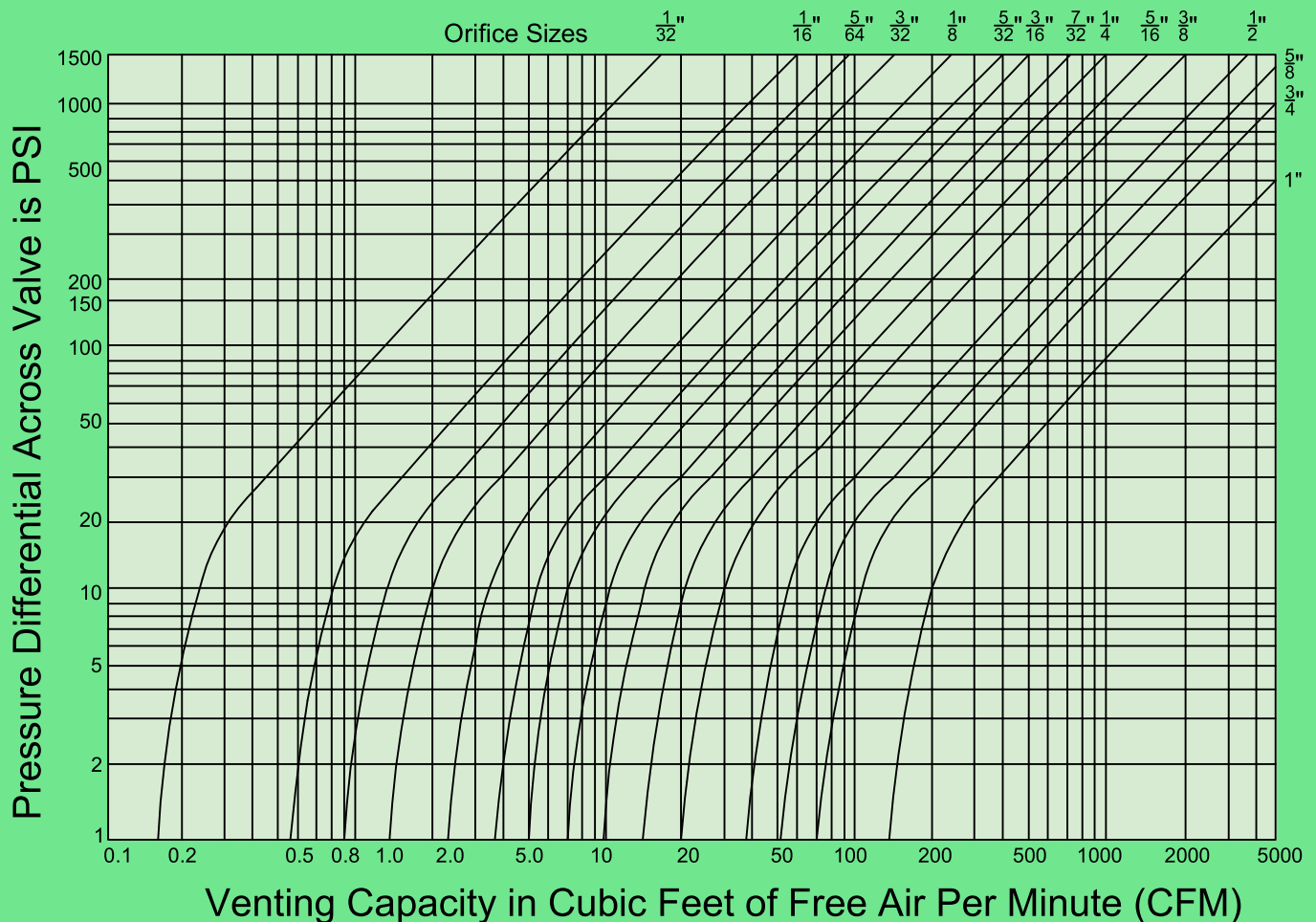
MATERIALS OF CONSTRUCTION

COMPONENT	OPTIONAL	STANDARD
Body and Cover	Cast Iron ASTM A 126 Class B <300 psig	Carbon Steel ASTM A 216 Gr WCB Stainless Steel ASTM A 351 Grade CF8M Ductile Iron ASTM A 536 Grade 65-45-12
Trim	Type 304 Stainless Steel or Type 316 Stainless Steel	Type 304 Stainless Steel or Type 316 Stainless Steel
Coating	Universal Alkyd Primer (external) or Epoxy (Internal & External)	Non-Stick Fusion Bonded Epoxy (internal & external)

Air Release Valve Orifice Capacities (Industry Standard)

Max. Pipe Size (Inch)	Maximum pump Capacity (GPM)	System Pressure					
		1 to 50 PSI		1 to 150 PSI		1 to 300 PSI	
		Orifice Size	Capacity in (CFM)	Orifice Size (in)	Capacity (CFM)	Orifice Size (in)	Capacity (CFM)
4	350	1/32	4	1/32	4	1/32	8
6	800	1/16	6	1/16	6	1/16	12
10	2,200	1/8 & 1/4	15	3/32	15	1/16	12
16	5,200	1/4	30	1/8	25	5/64	20
48	50,000	5/16	60	3/16	55	3/32	25
96	150,000	1/2	150	3/8	250	7/32	150
108	2,00,000	5/8	300	1/2	300	3/8	175
120	250,000	3/4	250	1/2	350	1/4	200

Venting Capacity Graph for Air Release Valves



TELEFLO INDIA PVT. LTD.

No. 3, First Floor, Uday Building, 70-D Central Avenue, Chembur (E) Mumbai - 400088.

Tel: 022 - 25285345, Email: mail@telefloindia.com

