

innovation in irrigation™



ACV200 AIR VALVES



2" NPT or BSP

ACV200B

Air Control Valve with Brass Base



2" NPT or BSP

ACV200P

Air Control Valve with Plastic Base

The Nelson ACV200 Air Control Valve is outstanding for controlling air in irrigation systems. The ACV200 provides all three types of air control in one valve:

- **Air relief**
- **Vacuum air relief**
- **Continuous air release under pressure**

The unique design of the ACV200 automatically does all functions.

Features & Benefits:

- **All corrosion resistant materials**
- **Self-cleaning float guides work in dirty water**
- **High-capacity aerodynamic design resists blowing closed**
- **Working pressure to 200 PSI**
- **Discharge elbow with internal protective screen**
- **Inlet 2" male NPT or BSP**
- **Outlet fits 1½" PVC**

New and Improved Features:



- **High-visibility elbow**
- **Lower pressure sealing**
- **Stronger glass-filled nylon body material**
- **Trash resistant open flow**

Warranty and Disclaimer

Nelson ACV200 Air Control Valves are warranted for one year from date of original sale to be free of defective materials and workmanship when used within the working specifications for which the products were designed and under normal use and service. The manufacturer assumes no responsibility for installation, removal or unauthorized repair of defective parts. The manufacturer's liability under this warranty is limited solely to replacement or repair of defective parts and the manufacturer will not be liable for any crop or other consequential damages resulting from defects or breach of warranty. THIS WARRANTY IS EXPRESSLY IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING THE WARRANTIES OF MERCHANTABILITY AND FITNESS FOR PARTICULAR PURPOSES AND OF ALL OTHER OBLIGATIONS OR LIABILITIES OF MANUFACTURER. No agent, employee or representative of the manufacturer has authority to waive, alter or add to the provisions of this warranty, nor to make any representations or warranty not contained herein. Nelson ACV200 Air Control Valves have pending US and Foreign Patents.

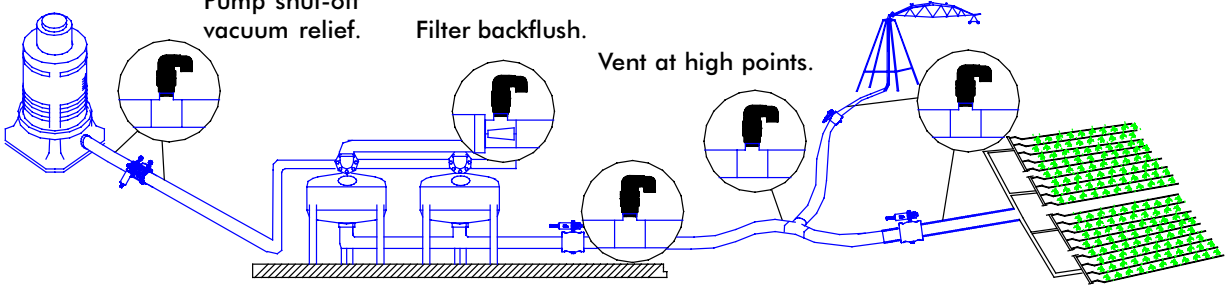
Pump start-up high capacity air venting.

Pump shut-off vacuum relief.

Filter backflush.

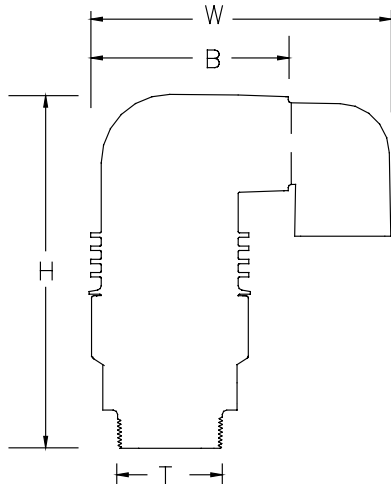
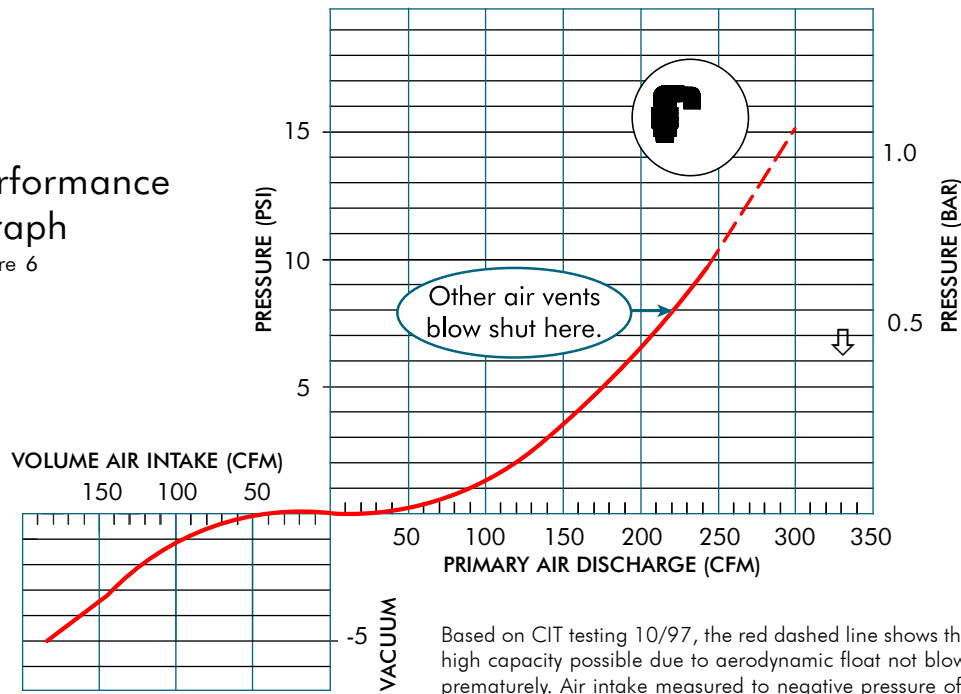
Vent at high points.

Continuous air release during system operation.



Performance Graph

Figure 6



MATERIALS

Body	Glass filled Nylon
Elbow	Glass filled Polypropylene
Base: ACV200B	Brass=CDA 844 ASTM B145-5A Federal QQ-C390, Alloy B2
Base: ACV200P	Plastic=Glass filled Polypropylene
Float	Polypropylene
Vent Seal	EPDM (#304 stainless steel reinforcement)
Seal ('O'ring)	BUNA-N

DIMENSIONS

	Brass		Plastic	
	in	mm	in	mm
H	8.03	204	8.52	216
W	6.85	174	6.85	174
B	4.45	113	4.45	113
T	2 in. male NPT or BSP			