

Allen-Sherman-Hoff® Type-H Material Handling Valve

The Allen-Sherman-Hoff® (A-S-H®) Type-H material handling valve from Babcock & Wilcox (B&W) is designed specifically to feed ash into dilute-phase vacuum systems on a batch basis. Featuring the robust components for which A-S-H products are known, the Type-H material handling valve balances durability, efficiency and can handle the most severe operating environments.

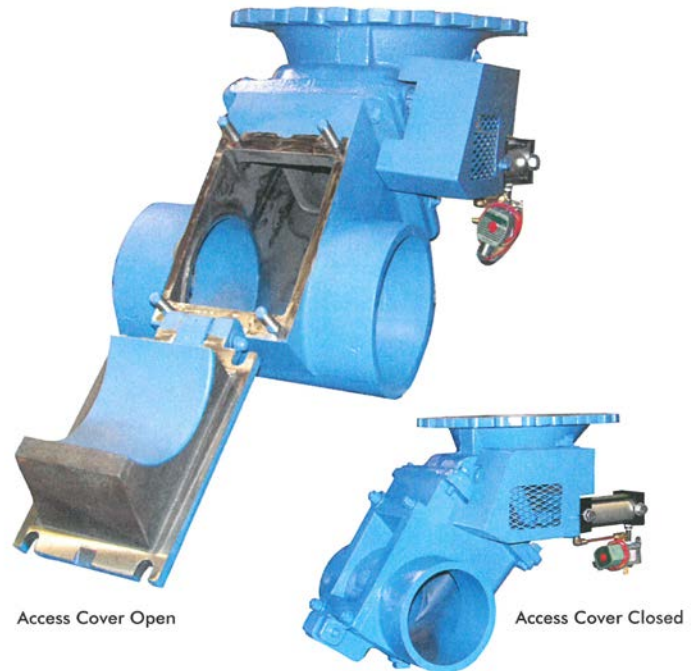
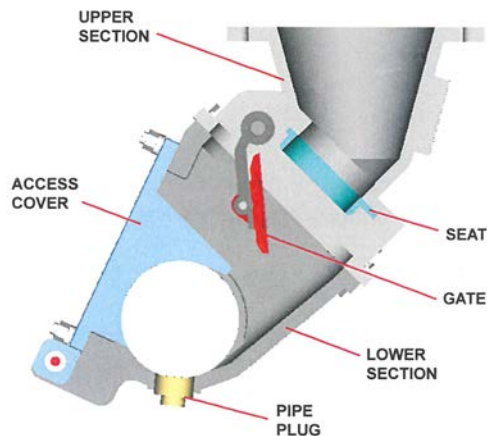
Features

- Installed in vacuum conveying systems below electrostatic precipitators, baghouses and economizer hoppers
- Swiveling gate mount ensures proper alignment between gate and seat
- Superior internal design and geometry provides free flow of ash into the conveying line
- Hinged access cover or valve inspection and maintenance
- Drain connection during wash-down operations

Benefits

Maximum Flow

This vacuum system valve is key to maximize and direct the flow of ash from the hopper to the conveying line. The ash from the hopper flows through the valve once the cylinder-operated swivel style gate opens.



The Allen-Sherman-Hoff® Type-H material handling valve designed to feed ash into dilute phase vacuum system on a batch basis.

Long Service Life

The Type-H material handling valve's robust design allows it to handle the most severe vacuum system conditions. Its lower section cast-iron body coupled with Ni-hard gate and seat components provides durability and a long service life.

Ease of Maintenance

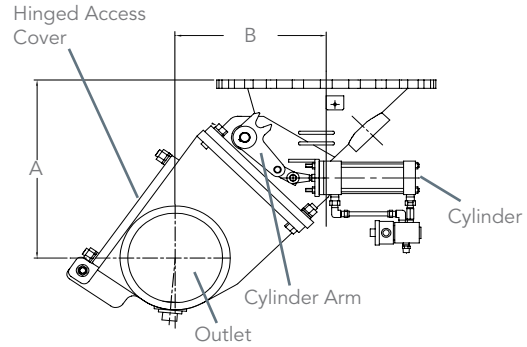
The valve, designed with a hinged access cover, provides easy access for inspection, maintenance and in-place replacement of the gate and seat. It also features a drain connection to facilitate drainage during wash-down.

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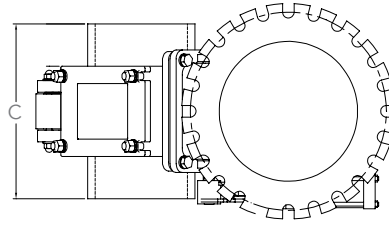
Diagrams and Dimensions

Inlet Size	Outlet size		A		B		C	
	in.	mm	in.	mm	in.	mm	in.	mm
8 in. (203 mm)	6	152	14.94	379	8.94	227	15	381
	7	178	13.94	354	10.75	273	15	381
	8	203	13.94	354	10.75	273	15	381
	9	229	15.06	383	11.94	303	15	381
12 in. (305 mm)	6	152	16.94	430	10.94	278	15	381
	7	178	15.94	405	12.75	324	15	381
	8	203	15.94	405	12.75	324	15	381
	9	229	17.06	433	13.88	353	15	381
	10	254	17.94	456	11.06	281	24	610

Side View



Top View



Specifications

Components	Upper section with housing gate and seat assembly Lower section with access cover and pipe plug
Body	Cast Iron (Lower section hardness 240-300 BHN)
Gate & Seat	Ni-hard (550 BHN minimum hardness)
Actuator	Air Cylinder Operated Standard Air Pressure 80-120 psi (552-828 kPa)
Temperature Rating	Up to 750F (399C)
Remote Position Indication (optional)	SPDT proximity-type limit switches mounted on the cylinder at open and closed position
Gate & Seat Maintenance Kit (separate)	Includes gate, seat, pivot pin, and clevis pin

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