

ABRASIVE METERING AND AIR VALVES

Abrasive Metering Valves

Description	Stock No.	Price	Disc.	Wt.	Description	Stock No.	Price	Disc.	Wt.
FSV	02427	306.00	Q	14	Sentinel				
LMV for Soft King & Pool Pal.....	99555	287.00	D	2	with ACS	20508	870.00	D	23
LPV for Lo-Pot.....	05680	348.00	D	10	without ACS	20608	840.00	D	23
MPV Pinch valve, manual ..	04321	427.00	D	9	fine-mesh without ACS ..	21439	870.00	D	23
MSV for 1028 and 1042 machines	01247	168.00	D	2	Air Valves for Pressure-Hold Remotes				
PVR grit	04319	730.00	D	23	ACE air valve, 1-1/4"				
Quantum					with fitting	24044	462.00	D	8
AQV auto grit, 1-1/4"	24447	750.00	D	18	(see drawing in Remote Controls section)				
AQV-H auto grit, 1-1/4" ..	27525	780.00	D		ACE air valve, 1-1/2"				
AQV auto grit, 1-1/2"	25281	760.00	D		with fitting	25289	526.00	D	8
MQV manual grit	22845	411.00	Q	8					

CLEMCO ABRASIVE METERING VALVES

Application Guide

Model/ Description	For use with:	Stock No.	Manual or Pneumatic	Remote Control Type	Applications (abrasives/media)	Alternate Use
FSV Flat Sand Valve	Classic blast machine 2 cuft and larger	02427	Manual	Pressure Release	Use with expendable mineral & slag abrasives; plastic media, metallic media not recommended.	
MQV Manual Quantum Valve	Contractor & Classic machines	22845	Manual	Pressure Release	Use with all common abrasives; mineral, slag, or metallic .	
AQV Auto Quantum Valve	All blast machines with pressure-hold remotes or ACS. Job order blast machines (except AeroLyte)	24447	Pneumatic	Pressure-hold and Abrasive cut-off sys.	Use with most media; requires pressures above 80 psi. Not recom- mended for lightweight media.	
AQV-H Auto Quantum Valve Heavy-duty	All blast machines with pressure-hold remotes or ACS. Job order blast machines (except AeroLyte)	27525	Pneumatic	Pressure-hold and Abrasive cut-off sys.	Use with most media; requires pressures above 80 psi. Use for high production applications. Not recommended for lightweight media.	
LMV Light Weight Media Valve	Soft King and Pool Pal machines	99555	Manual	Pressure Release	Use with baking soda, fine-mesh alumina silicate, kieserite, glass bead agricultural media or similar. Valve has 1/2" NPT connection.	
LPV Lo-Pot Valve	Lo-Pot machines	05680	Manual	Pressure Release	Use with expendable mineral and slag abrasives.	
MPV Pinch Tube Valve	Not standard on any machine	04321	Manual	Pressure Release	Use with coarse steel grit (G-25 & larger) and #10 and larger nozzles.	2 cuft and larger Classic machines
MSV Valve	0.5 & 1 cuft Classic machines	01247	Manual	Pressure Release	Use with expendable mineral and slag abrasives. Not recommended for use with fine mesh or glass.	Machines with 1/2" piping
Sentinel Valve	Blast machines with pressure release remotes or ACS; industrial blast machines	20508	Pneumatic	Pressure Release	ACS applications; all media. Use with abrasives coarser than 50 mesh; requires 50 to 70 psi to fully open plunger.	2 cuft and larger Classic machines
Sentinel Valve without ACS	Blast machines with pressure release remotes; industrial blast machines	20608	Pneumatic	Pressure Release	All media. Use with abrasives coarser than 50 mesh. Requires 50 to 70 psi to fully open plunger.	2 cuft and larger Classic machines
Sentinel Valve fine mesh model	Pressure cabinets and Super Comet	21439	Pneumatic	Pressure Release and ACS	Only for abrasives 50 mesh or finer. Features a urethane covered metering plate.	