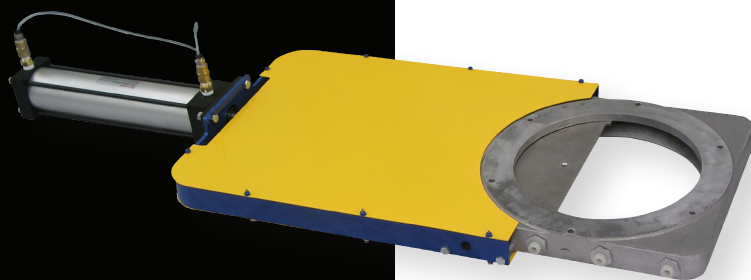


Aerodyne®

StopTight™ KG Valve



The Aerodyne StopTight™ KG Valve is the easiest and most economical way to manage the flow of gravity-fed solids, powders and granules from hoppers, silos, mixers, screw conveyors and gravity chutes. The thin profile of this knife gate valve allows it to go where most other valves can't, and tapped inlet and outlet flanges provide easy installation for in-line or open discharge use. A felt seal around the slide plate keeps excess material from being pulled out as the valve operates. Adjustable nylon cam-guides support the plate and seal it firmly against the machined seat. The cast aluminum body and 304 stainless steel slide plate makes this valve suitable for a wide range of materials including chemical, foodstuffs and plastics.

The StopTight™ KG Valve is available in manual or pneumatic operation.

Features:

- Available sizes 8", 10" and 12"
- Manual or pneumatic operation
- Slim profile
- Machined cast aluminum body
- 304 stainless steel slide plate
- Adjustable cam guides
- Felt seal with adjustable stuffing box
- Maximum operating temperature 200°F

Aerodyne®

A DIVISION OF
ABANAKI
CORPORATION

17387 Munn Road
Chagrin Falls, OH 44023
Phone: (440) 543-7400
Fax: (440) 543-7404
info@AerodyneUS.com
1-800-358-7546



24 Thirty Sixth Street * Toronto, ON * M8W3K9

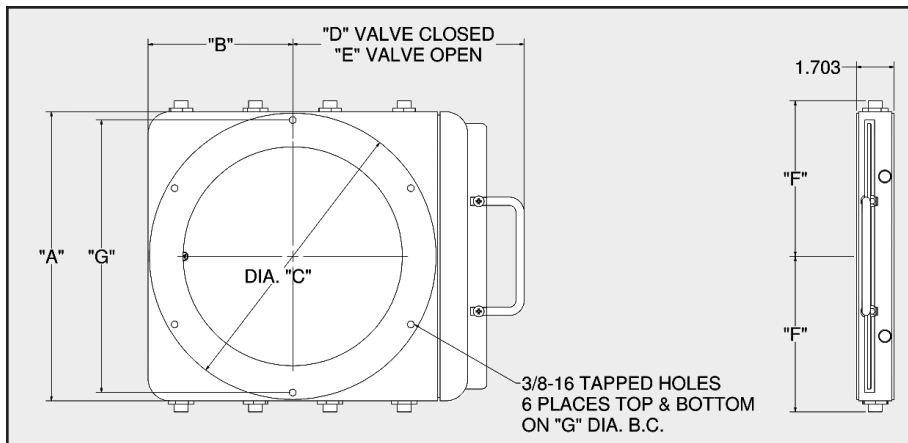
647-343-6595

www.directseparation.ca

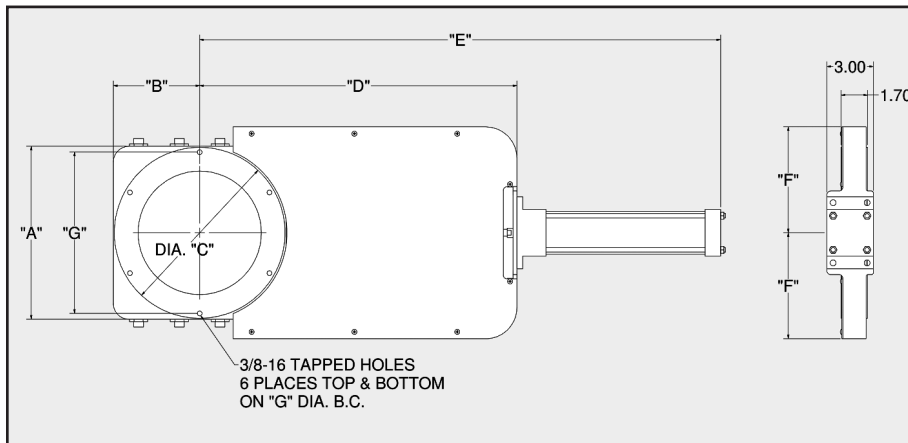
direct separation solutions

Aerodyne®

StopTight™ KG Valve



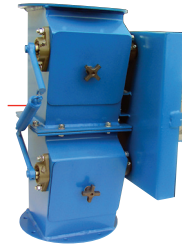
Model	Opening	A	B	C	D	E	F	G
APKG08	8"	11.13	5.56	11.00	9.50	18.21	6.06	10.375
APKG10	10"	13.13	6.56	13.00	10.50	21.34	7.06	12.375
APKG12	12"	15.13	7.56	15.00	11.50	24.31	8.06	14.375



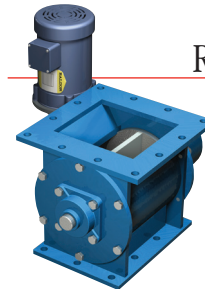
Model	Opening	A	B	C	D	E	F	G
APKG08-P	8"	11.13	5.56	11.00	20.44	33.56	6.81	10.375
APKG10-P	10"	13.13	6.56	13.00	23.53	38.66	7.81	12.375
APKG12-P	12"	15.13	7.56	15.00	26.50	44.63	8.81	14.375

Other Aerodyne Valves

Gator Gate™
Double Dump
Valve



Rhino™
Rotary H Valve



Rhino™
Rotary R Valve



Vacu-Valve®
Armadillo™



Vacu-Valve®
Platypus™



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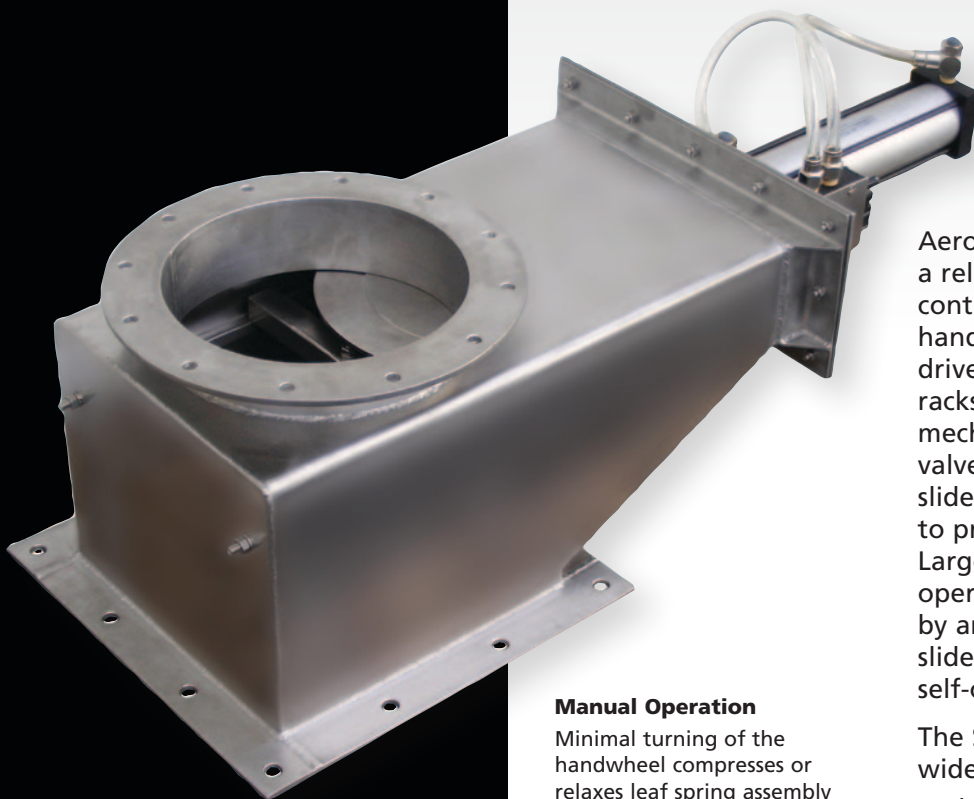
17387 Munn Road
Chagrin Falls, OH 44023
Phone: (440) 543-7400
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647-343-6595 www.directseparation.ca

Aerodyne®

StopTight® Slide Gate Valve



Aerodyne StopTight® SG Valves are a reliable, dust-tight component for controlling flow in a bulk material handling system. The unique slide gate drive action eliminates the need for racks, pinions, cams, or other internal mechanisms that tend to interfere with valve operation. A leaf spring assisted slide plate seals against the inlet collar to provide an air tight seal when closed. Large clearances avoid jamming during operation and material flow is unimpeded by any restriction or obstruction when the slide gate valve is open. Moving parts are self-cleaning.

Manual Operation

Minimal turning of the handwheel compresses or relaxes leaf spring assembly allowing slide plate to rise or drop from the inlet collar. The valve is then opened or closed by pulling or pushing on the handwheel.

Pneumatic Operation

Air cylinder closes the valve by forcing the leaf spring assembly to compress against internal stoppers. The slide plate rises to seal against the inlet collar. As the air cylinder withdraws the leaf springs relax allowing the slide plate to drop and slide clear of the inlet.

The StopTight® SG Valve is suitable for a wide range of free-flowing materials:

- Chemicals
- Minerals
- Foodstuffs
- Plastics

Features

- Dust tight seal
- Will not jam, freeze, or lock up
- Full open material flow
- Self-cleaning slide plate guides

Options

- Carbon steel or stainless steel
- Manual or Pneumatic operation
- High-temp and Severe Duty
- Wide range of available sizes



Aerodyne®

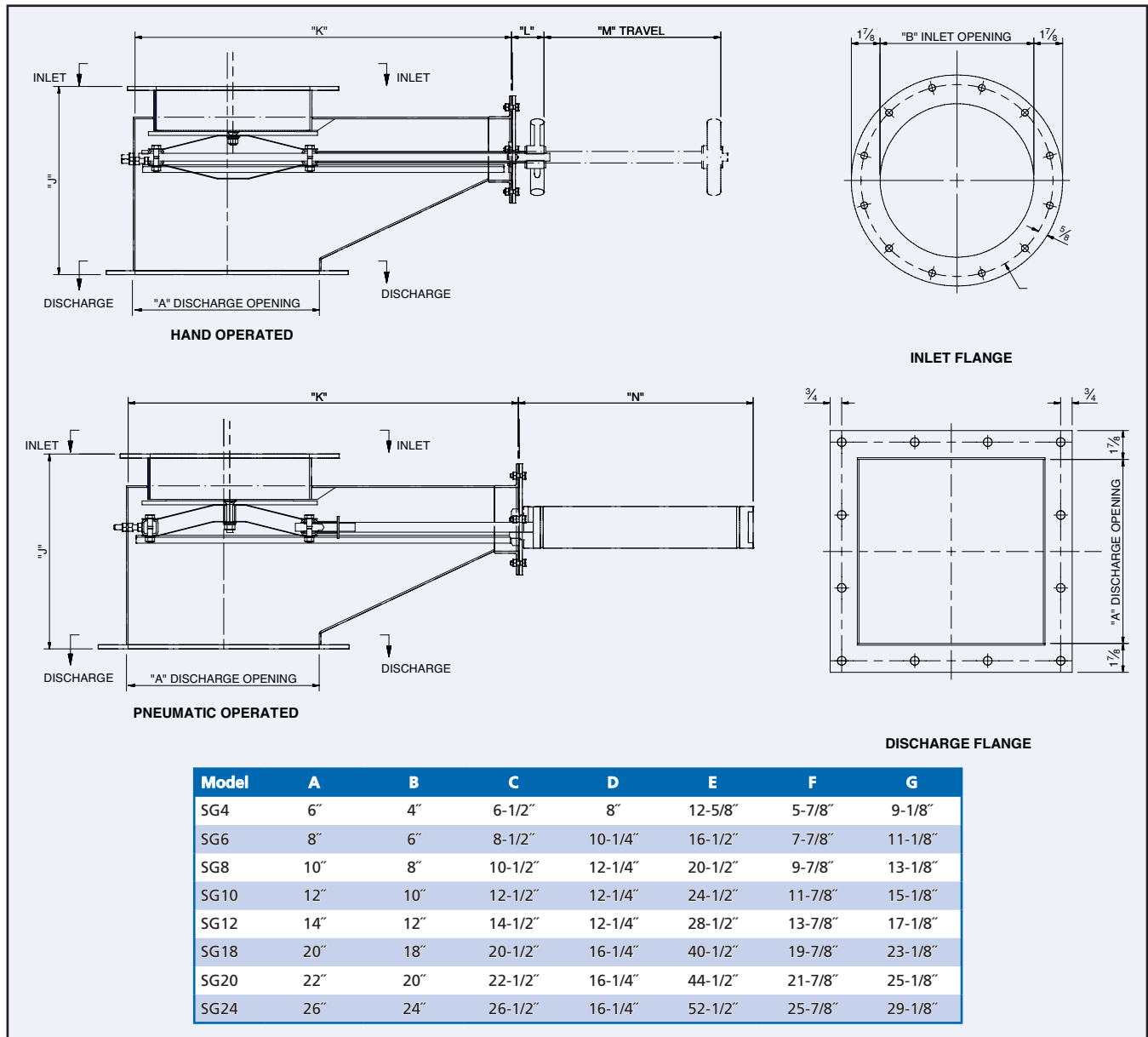
A DIVISION OF
ABANAKI
CORPORATION

17387 Munn Road
Chagrin Falls, OH 44023
Phone: (440) 543-7400
Fax: (440) 543-7404
DC@DustCollectorHQ.com
1-800-358-7546
www.DustCollectorHQ.com


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Aerodyne®

StopTight® Slide Gate Valve



Aerodyne®

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ABANAKI
CORPORATION

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Chagrin Falls, OH 44023

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