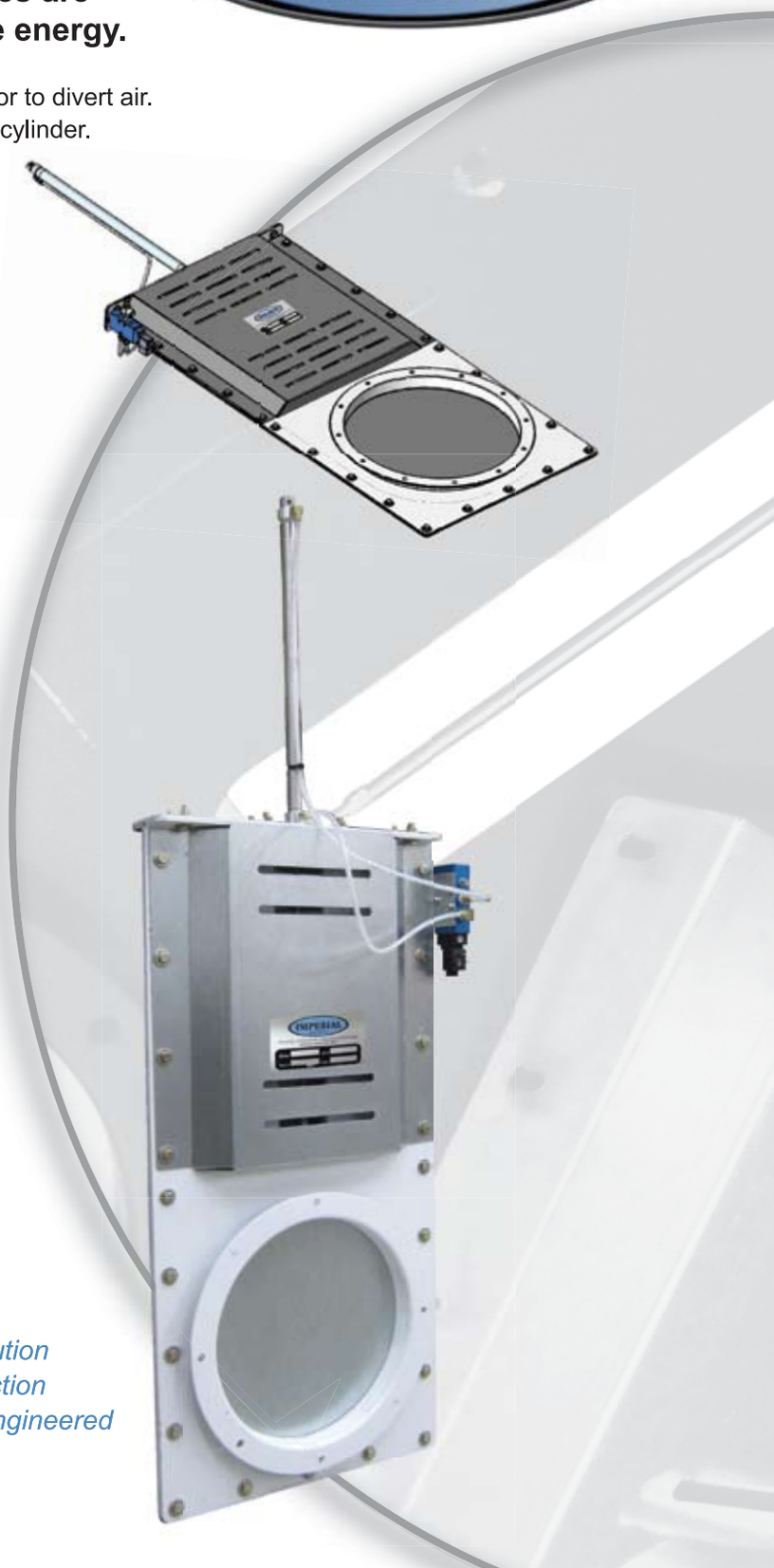
HEAVY DUTY SLIDE GATES

IMPERIAL SYSTEMS, INC.

Imperial Systems, Inc. Pneumatic Slide Gates are engineered to control air flow and conserve energy.

These gates deliver a positive shut-off to service machinery or to divert air. The Pneumatic Slide Gate operates using a compressed air cylinder.



Advantages

- **Engineered by the Dust Collection Experts**
- **Precise, Strong Welds**
- **Safety Guards reduce the risk of injury**
- **Remote Operation**
- **Machine inegration capabilites**

Features

- Increases air flow by automatically shutting off when machine is turned off
- Fully rebuildable
- Made for tough applications where material is a concern
- Can be used with variable frequency driver to maintain velocity and monimize horsepower consumption
- Single cylinder operation
- Flow control valves
- 110 v. solenoid switch
- Various connection options
- Available in 4" to 24" sizes

Heavy Duty Pneumatic Slide Gate

- *Heavy duty construction*
- *10 ga. body with 16 ga. blade*

Extra-Heavy Duty Pneumatic Slide Gate

- *Heavy duty 3/16" plate construction*
- *Primed and painted industrial enamel*

Options

- 24 volt solenoid
- Stainless steel
- Quick clamp connections
- Slip fit connections
- Flanged connections

Imperial Systems, Inc. is your dust collection & air pollution control expert; from designing and installing dust collection systems to manufacturing industry leading products, engineered for outstanding quality, safety and value.

All products can be fabricated to meet specific needs.

PROUDLY MADE IN USA

300 Imperial Drive Jackson Center, PA 16133
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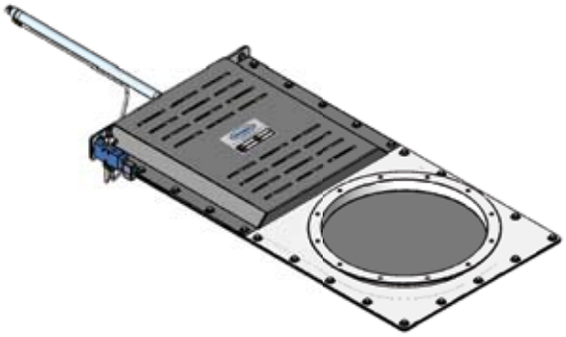

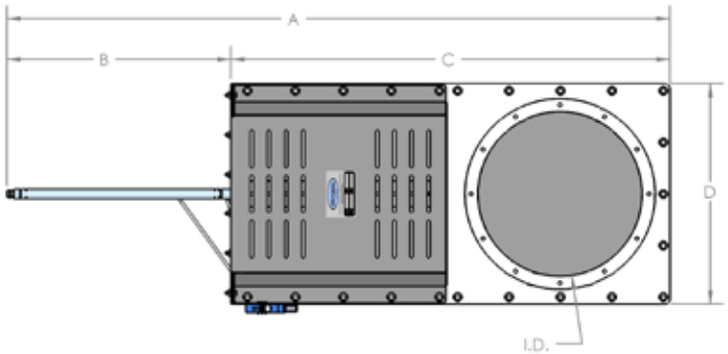

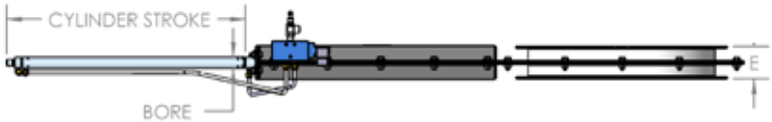

	ANGLE RING						Pneumatic	Cylinder	Body					
	SIZE	I.D.	# HOLES	HOLE DIA	B.C.	Cylinder Dia.	Stroke	Material	Bolt size	A	B	C	D	E
SLIDEGATE04HDPNEU	4	4 1/16	6	9/32	5 5/16	3/4	6	16 Gauge	1/4	33 7/8	9 11/16	24 3/16	8 5/8	2 3/4
SLIDEGATE05HDPNEU	5	5 1/16	6	9/32	6 5/16	3/4	6	16 Gauge	1/4	33 7/8	9 11/16	24 3/16	8 5/8	2 3/4
SLIDEGATE06HDPNEU	6	6 1/8	6	3/8	7 5/16	3/4	9	16 Gauge	1/4	37 7/8	12 11/16	25 3/16	12 5/8	2 3/4
SLIDEGATE07HDPNEU	7	7 1/8	6	3/8	8 1/2	3/4	9	16 Gauge	1/4	37 7/8	12 11/16	25 3/16	12 5/8	2 3/4
SLIDEGATE08HDPNEU	8	8 1/8	6	3/8	9 9/16	3/4	9	16 Gauge	1/4	37 7/8	12 11/16	25 3/16	12 5/8	2 3/4
SLIDEGATE09HDPNEU	9	9 1/8	6	3/8	10 5/8	3/4	12	16 Gauge	1/4	46 7/8	15 11/16	31 3/16	15 5/8	2 3/4
SLIDEGATE10HDPNEU	10	10 1/8	6	3/8	11 13/16	3/4	12	16 Gauge	1/4	46 7/8	15 11/16	31 3/16	15 5/8	2 3/4
SLIDEGATE11HDPNEU	11	11 1/8	6	3/8	12 3/4	3/4	12	16 Gauge	1/4	46 7/8	15 11/16	31 3/16	15 5/8	2 3/4
SLIDEGATE12HDPNEU	12	12 3/16	8	7/16	14	3/4	14	16 Gauge	1/4	52 7/8	17 11/16	25 3/16	17 5/8	3 1/4
SLIDEGATE13HDPNEU	13	13 3/16	8	7/16	15	3/4	14	16 Gauge	1/4	52 7/8	17 11/16	25 3/16	17 5/8	3 1/4
SLIDEGATE14HDPNEU	14	14 3/16	8	7/16	16	3/4	16	16 Gauge	1/4	58 7/8	19 11/16	39 3/16	19 5/8	3 1/4
SLIDEGATE15HDPNEU	15	15 3/16	8	7/16	17	3/4	16	16 Gauge	1/4	58 7/8	19 11/16	39 3/16	19 5/8	3 1/4
SLIDEGATE16HDPNEU	16	16 3/16	8	7/16	18	11/16	19	12 Gauge	3/8	68 5/16	23 1/8	45 3/16	22 5/8	3 5/16
SLIDEGATE17HDPNEU	17	17 3/16	8	7/16	19	11/16	19	12 Gauge	3/8	68 5/16	23 1/8	45 3/16	22 5/8	3 5/16
SLIDEGATE18HDPNEU	18	18 3/16	8	7/16	20	11/16	19	12 Gauge	3/8	68 5/16	23 1/8	45 3/16	22 5/8	3 5/16
SLIDEGATE19HDPNEU	19	19 3/16	12	7/16	20 3/4	11/16	22	12 Gauge	3/8	77 5/16	26 1/8	51 3/16	25 5/8	3 5/16
SLIDEGATE20HDPNEU	20	20 3/16	12	7/16	21 3/4	11/16	22	12 Gauge	3/8	77 5/16	26 1/8	51 3/16	25 5/8	3 5/16
SLIDEGATE21HDPNEU	21	21 3/16	12	7/16	22 3/4	11/16	22	12 Gauge	3/8	77 5/16	26 1/8	51 3/16	25 5/8	3 5/16
SLIDEGATE22HDPNEU	22	22 3/16	12	7/16	23 3/4	11/16	25	12 Gauge	3/8	86 5/16	29 1/8	57 3/16	28 5/8	3 5/16
SLIDEGATE23HDPNEU	23	23 3/16	12	7/16	24 7/8	11/16	25	12 Gauge	3/8	86 5/16	29 1/8	57 3/16	28 5/8	3 5/16
SLIDEGATE24HDPNEU	24	24 3/16	12	7/16	25 7/8	11/16	25	12 Gauge	3/8	86 5/16	29 1/8	57 3/16	28 5/8	3 5/16

Drawings are for representation only.
Refer to certified sales drawings for accurate representation.

Proud Product Representative

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