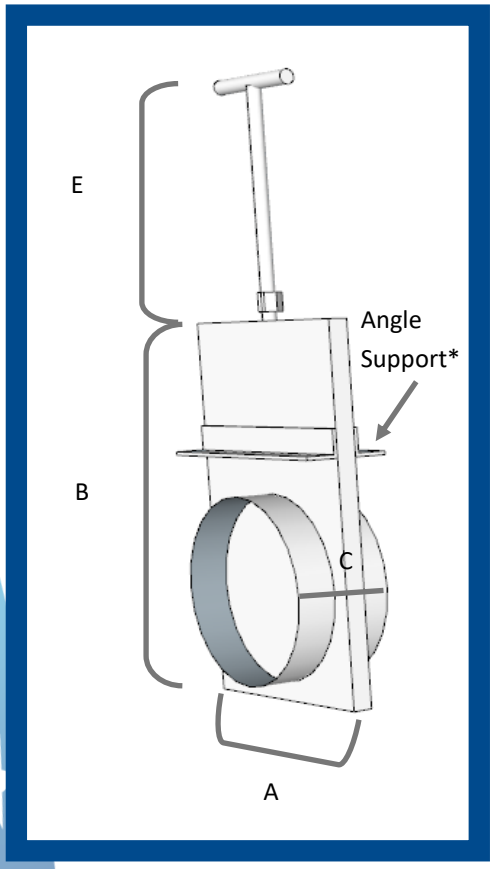
BLAST GATE-MANUAL

AIR TIGHT MANUAL BLAST GATES

US Duct's manual blast gates are air-tight, fully welded and sealed to prevent leaking to the outside atmosphere. The gates are available in stainless steel (304, 316) and galvanized metal. Available in all connection types: Rolled Lip, US Tubing, Raw End. Flanged. Ideal for high moisture systems. Leak free to the atmosphere (not across the blade).



DIA"	A	B	C	E	GAUGE
3	3 13/16	7 15/16	6 1/2	6 1/2	16
4	4 3/4	9 1/2	6 1/2	7 1/2	16
5	5 7/8	12 15/16	6 1/2	8 1/2	16
6	7 1/8	13 3/4	6 1/2	9 1/2	16
7	7 15/16	16 1/8	6 1/2	10 1/2	16
8	9 3/16	18 1/4	6 1/2	11 1/2	16
9	10 3/8	20 7/16	6 1/2	12 1/2	16
10	11 3/8	22	6 1/2	13 1/2	16
11	12 3/8	24 1/8	6 1/2	14 1/2	16
12	13 7/16	26 1/8	6 1/2	15 1/2	16
13	14 7/16	28 3/8	6 1/2	16 1/2	14
14	15 3/8	30 1/2	6 1/2	17 1/2	14
15	16 5/8	32 3/4	6 1/2	18 1/2	14
16	17 3/8	34 1/2	6 1/2	19 1/2	14
17	18 7/16	36 5/8	6 1/2	20 1/2	14
18	19 9/16	38 13/16	6 1/2	21 1/2	14
19	20 9/16	40 5/8	6 1/2	22 1/2	14
20	21 9/16	42 7/16	6 1/2	23 1/2	14
22	23 1/2	46 3/4	6 1/2	25 1/2	14
24	25 1/2	51 3/4	6 1/2	17 1/2	14

*NOTE: Lateral angle support only on diameters 10" and above.

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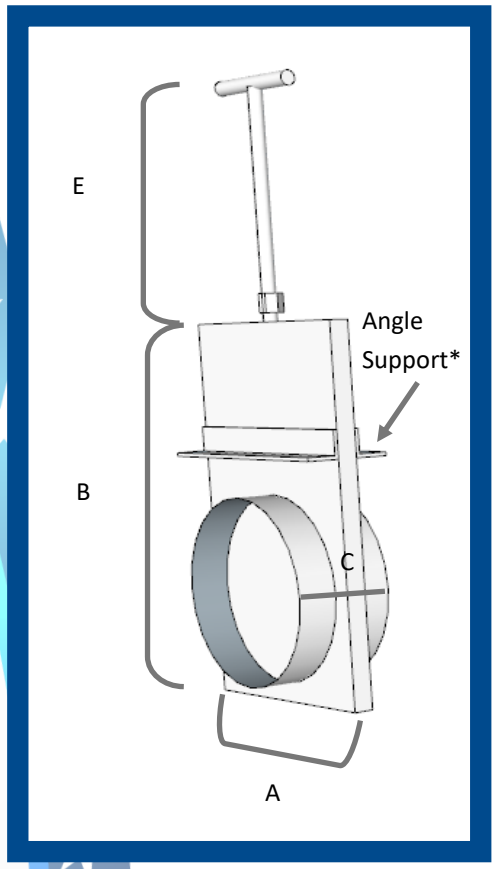
BLAST GATE-AUTOMATIC

AIR TIGHT AUTOMATIC BLAST GATES

Airtight Automatic Blast Gates are pneumatically operated– electrically controlled. The pneumatic cylinders require 90 psi to operate but use very little volume. An electric solenoid directs the flow of the air to the cylinder for opening and closing. The solenoid is activated by virtually any electrical signal– 12/24 V AC/DC, or 110/220 line voltage. The solenoid operates off of milliamps and therefore requires only minimal wiring. Hook up to anything that becomes 'hot' when the gate is required to be open. (or closed.)



The automatic blast gates have fully welded housing and a sealed rod that moves the blade in and out of the air stream. They are essentially airtight to atmosphere - NOT across the blade. They are recommended for high moisture systems where the standard gate may leak.

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