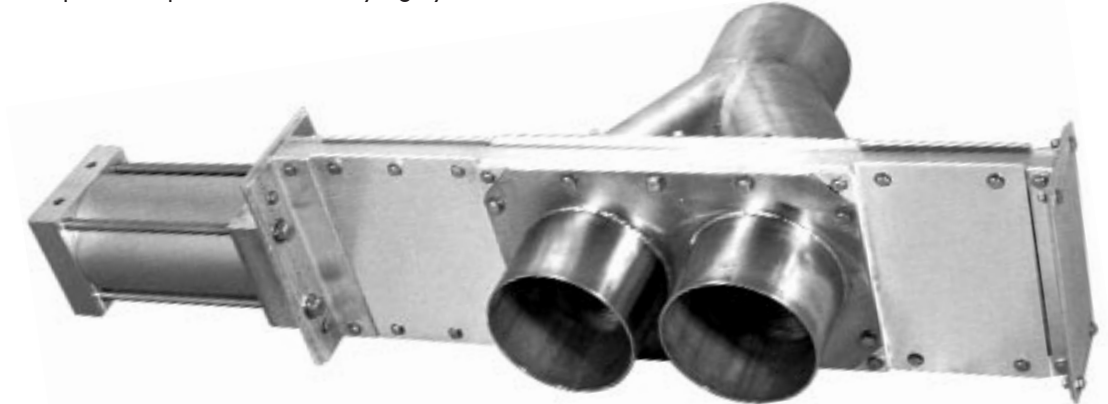


# Wye Line Diverter Valves



The wye line diverter valve is specifically engineered for handling dry bulk materials in dilute phase vacuum or pressure pneumatic conveying systems.



## Features and Options Include:

### Reliable Sealing

- Positive material and air shut-off in vacuum or pressure systems
- Eliminates material cross contamination / buildup beyond the closed port

### Choice of Material Contact Metals

- Stainless steel
- Aluminum
- Carbon steel

### Self-Cleaning on Free-Flowing Materials

- Clean system operation when installed with the multi-ports up or in a horizontal line. Residual materials are removed in the purge cycle.

### Installation Versatility - 2, 3, or 4 Way Wye Line Diverter Valves

- More efficient and compact installation
- Eliminates labor-intensive manual hose manifold

### Choice of Air Control Valves and Position Proof Switches

- Reliable "system integrated" automatic operation

### Choice of Wye Line or Straight Wye Line Configuration

### Material Contact with Seals is Minimized

- Low blast abrasion
- Long term, reliable, low cost operation

### Unobstructed Orifice

- Unrestricted flow of materials with a smooth bore
- Improved air conveying system performance
- Cleaner operation

### Superior Shearing Action (when required)

- Minimized shearing of materials
- Reduced valve wear

### Hard, Food-Grade Polymer Seals and Corrosive Resistant Construction

- Improved valve performance on a wide range of materials
- Reduced maintenance costs

### Powerful Double Acting Air Cylinder

- Instant response when diverting from one line to another

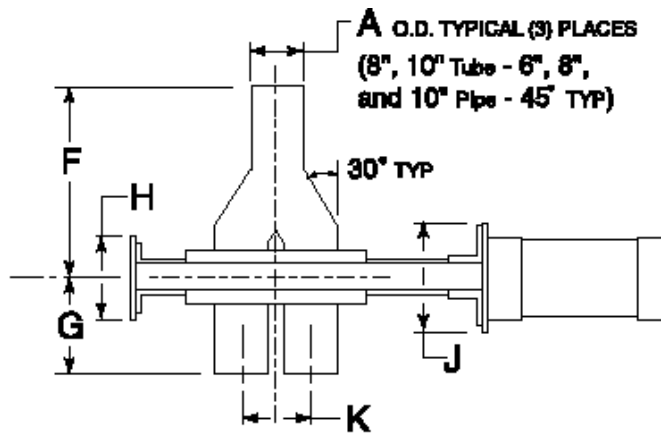
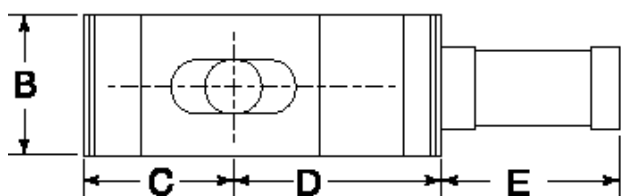
# Wye Line Diverter Valves (continued)



## 2-Way Wye Line Diverter Valve Configuration

With Air Cylinder Actuator

Basic Assembly Unit



(XX) Material of construction, aluminum (AL), carbon steel (CS), or stainless steel (SS)

Model	Line Size		B	C	D	E	F	G	H	J	K	Wgt.
	Tube	Pipe										
D2-2(XX)Y	2	—	5	5 3/4	7 3/4	6 1/4	7 1/2	4	4	4	2 1/2	15
D2-2(XX)Y-P*	—	2 3/8	6	7 3/4	9 3/4	7 1/4	10	5	4	4	3 1/2	25
D2.5-2(XX)Y	2 1/2	—	6	7 3/4	9 3/4	7 1/4	8	4	4	4	3 1/2	25
D3-2(XX)Y	3	—	6	7 3/4	9 3/4	7 1/4	8 1/2	4	4	4	3 1/2	30
D3-2(XX)Y-P*	—	3 1/2	7	10 1/2	12 1/2	10 1/4	12 1/2	6	4 1/2	5 3/4	5	30
D4-2(XX)Y	4	—	7	10 1/2	12 1/2	10	10 1/2	4	4 1/2	5	5	45
D4-2(XX)Y-P*	—	4 1/2	9	12 3/4	15 1/2	10 1/2	13 1/2	6	4 1/2	5 3/4	6	45
D5-2(XX)Y	5	—	9	12 3/4	15 1/2	10 1/2	12 1/2	5	4 1/2	5 3/4	6	65
D5-2(XX)Y-P*	—	5 9/16	10	14 3/4	17 1/2	11 1/2	15 1/2	7 1/2	4 1/2	5 3/4	7	65
D6-2(XX)Y	6	—	10	14 3/4	17 1/2	11 1/2	13 3/4	5	4 1/2	5 3/4	7	80
D6-2(XX)Y-P*	—	6 5/8	11	21 3/8	23 1/4	15 3/4	15 1/2	7	4 1/2	7	10	125
D8-2(XX)Y	8	—	12	21 1/2	23 1/2	15 3/4	19	9	4 1/2	7	10	135
D8-2(XX)Y-P*	—	8 5/8	14	24	26 3/4	17 3/4	19	8	4	9	12	225
D10-2(XX)Y	10	—	15 3/4	28	30 3/4	19 3/4	21 3/4	9 1/2	4	9	14	245
D10-2(XX)Y-P*	—	10 3/4	15 3/4	28	30 3/4	19 3/4	23	9 1/2	4	9	14	275

\* Select pipe schedule 10, 20, or 40

