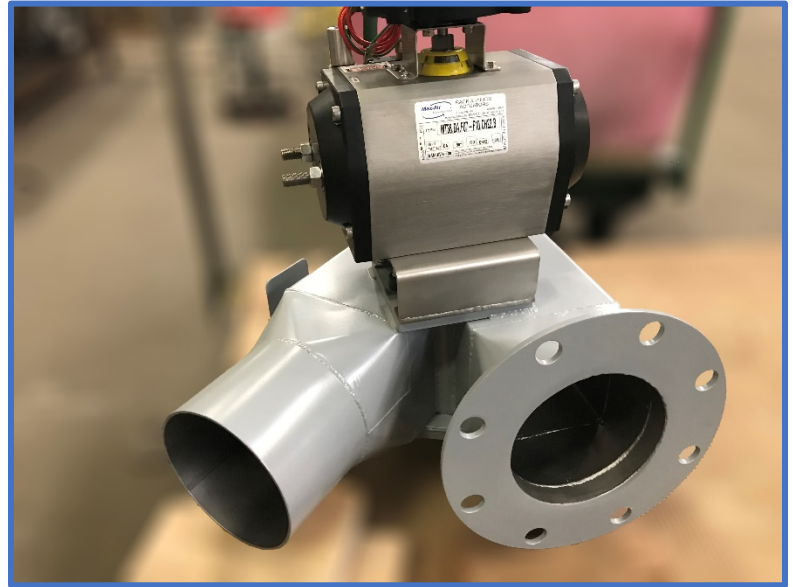


# PRODUCT LINE REPORT

## BLADE DIVERTER VALVE

**ADVANCED  
TECHNOLOGY  
PROVEN DESIGN**

Young Industries has been manufacturing Gravity Flow Diverter Valves for 70+ years. Our Blade Diverter Valves have a single inlet with two discharge connections. The Blade Diverter Valve uses a gate that has a flexible wiper to divert from one discharge to the other. These valves have a sheet-metal housing with an option for round or square connections. The sheet metal housing is rugged 10 ga. (0.1345") minimum thickness so the body is flat and the gate to housing seal is tight.



The valve shown is a 6" – 304S/S Asymmetric Blade Diverter Valve with square flanged inlet, round flange discharge on the straight through leg and round plain end stub on the 45-degree offset leg. It uses a rotary pneumatic actuator.



View – From Discharge End



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# PRODUCT LINE REPORT

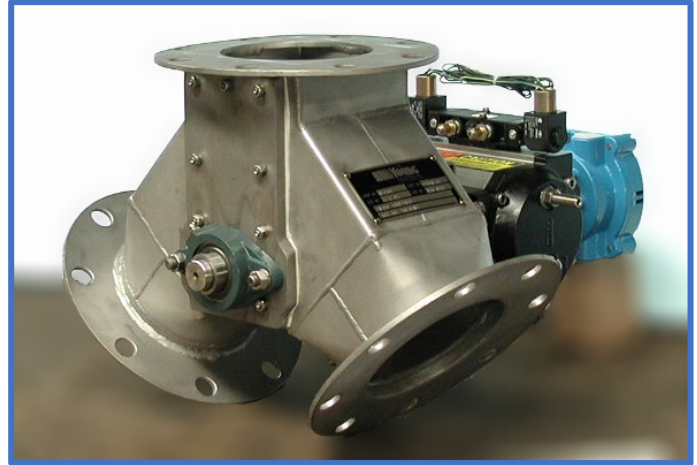
## BLADE DIVERTER VALVE

**ADVANCED  
TECHNOLOGY  
PROVEN DESIGN**

Young Industries Blade Diverter Valves are available in carbon steel or 300 series stainless standard and other materials as needed. Standard sizes are 4" through 12" with larger sizes available as requested.

Symmetrical Design with outlet legs at 30 degrees or 45 degrees from vertical inlet.

Asymmetric design with one discharge vertical and offset discharge at either 30 or 45 degrees.



8" – 45 Degree Symmetrical Blade Diverter Valve



8" – 30 Degree Asymmetric Blade Diverter Valve



View – Interior From Inlet End