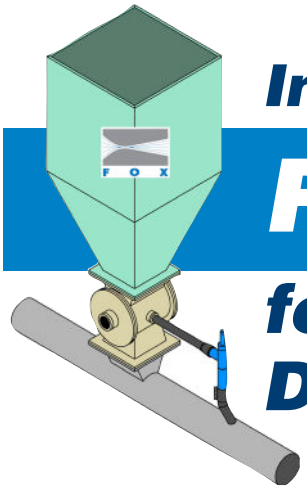


Installation Instructions

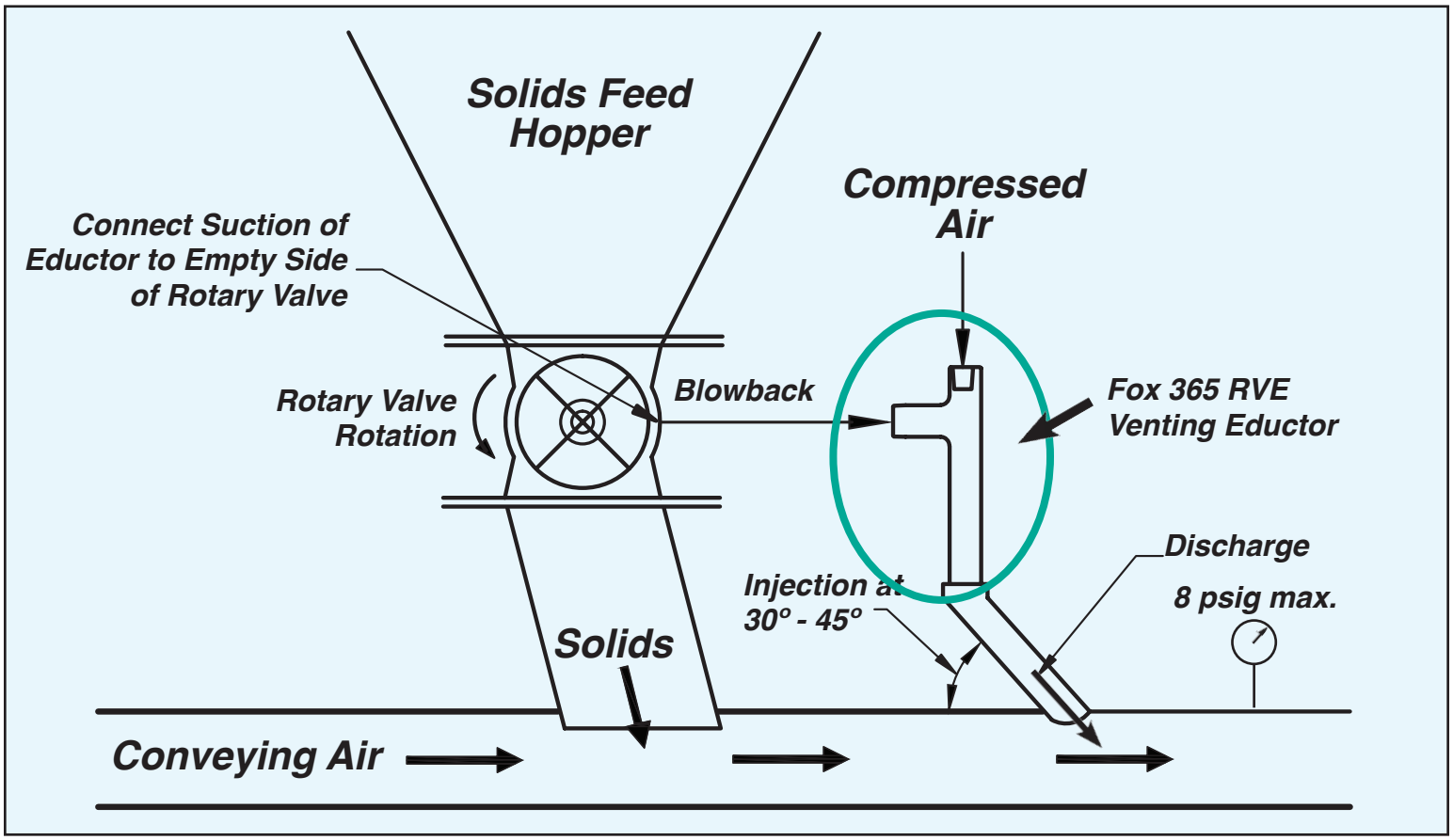
Fox 360 RVE Eductors

for Rotary Valve Venting Discharging into Convey Line

1 Connect the eductor into the conveying system as shown in the diagram. The eductor may be installed in any suitable alignment.

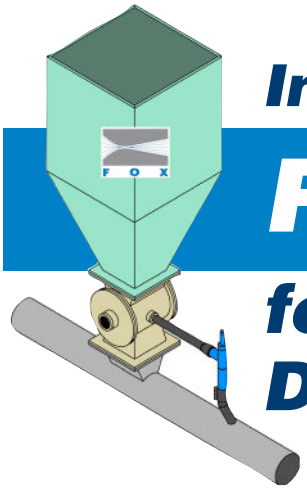
2 The motive (compressed) air supply line should be adequately sized to ensure that the full pressure is available at the eductor, i.e. that there is not an excessive pressure loss between the supply header and the eductor.

3 The suction line connection to the rotary valve vent port may be a smaller diameter than the eductor suction connection - to ensure adequate velocity, but should also not be so small as to create an excessive pressure loss.



If any problems with eductor performance arise, please contact Fox Valve.

Fox Venturi Products
973.328.1011
Email: info@foxvalve.com
www.foxvalve.com



Installation Instructions

Fox 360 RVE Eductors

for Rotary Valve Venting Discharging into Convey Line

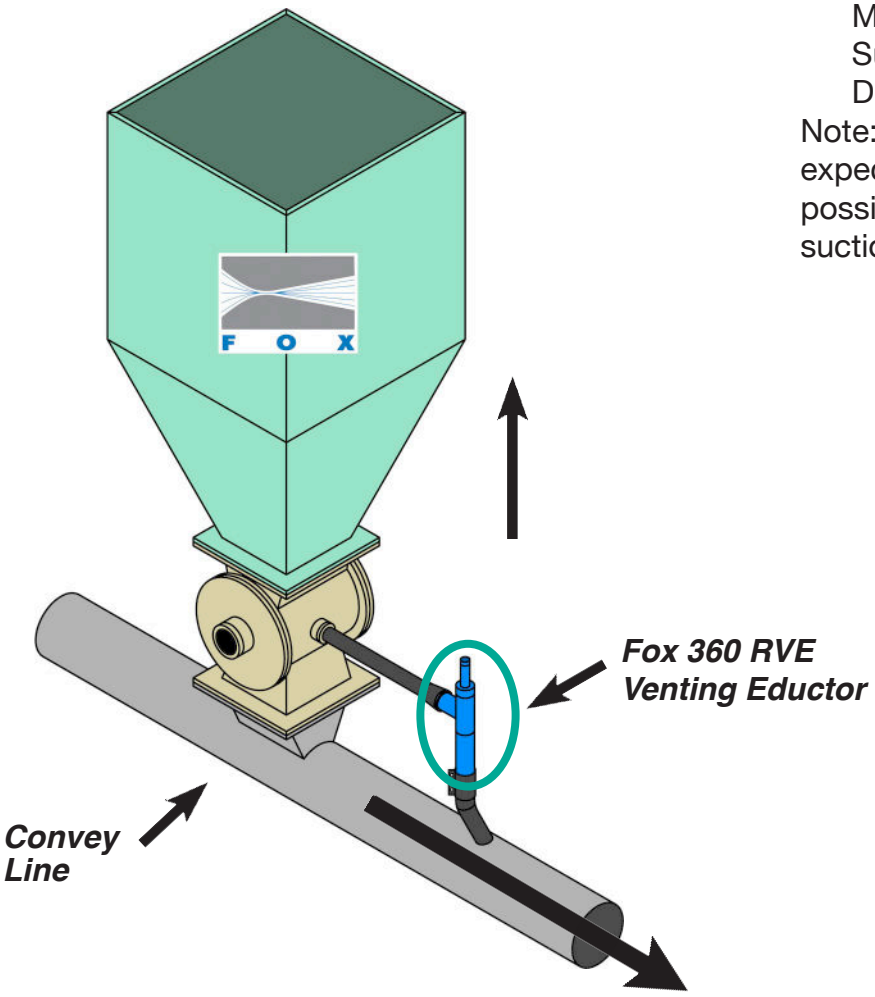
4 The discharge line size should be the same diameter as the eductor discharge connection. Any elbows or turns should be a smooth radius and not “blind tees” or similar. At the point of connection into the main conveying line, the junction should ideally be made at an angle to blend the two flows together (45˚ is recommended) - see diagram.

5 Nozzle position adjustment is only possible on the 2” and larger size eductors. The best nozzle position for initial installation is with the nozzle fully inserted. Some improvement in suction flow may be possible in certain cases, by pulling the nozzle out by a small distance - no more than 0.5”.

6 For diagnostic purposes, it may be desirable to install pressure/vacuum gauges to monitor eductor/conveying system performance. Gauges should be as follows:

Motive: 0 -100 PSIG.
Suction: -10 to +15 PSIG.
Discharge: 0 -15 PSIG.

Note: Under normal operating conditions, do not expect to see more than a very modest vacuum, possibly even a slight positive pressure, on the suction (vent) line.



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