

Required Only When
Airlock Feeders Supplied
With Short Air Purge

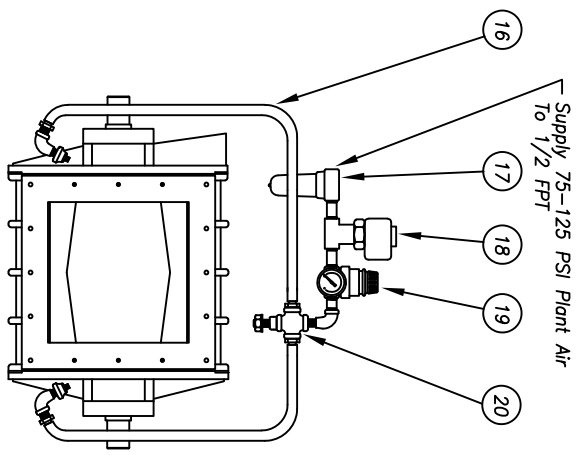
WARNING
DESIGN ENGINEERS, TECHNICIANS & INSTALLERS
 THE INLET AND OUTLET OF THE ROTARY VALVE MUST
 HAVE PROPER ATTACHMENTS TO PREVENT ANYONE
 FROM BEING ABLE TO INSERT THEIR HANDS OR ANY
 OTHER BODY PARTS INTO THE VALVE WHEN IN OPERATION.

RECOMMENDED SPARE PARTS

DETAIL #	QTY
5	1 Set (6)
9	2

CUSTOMER _____
 CUST. P.O. NO. _____
 SMOOT JOB NO. _____
 ITEM NO. _____
 QTY. _____
 DRAWING ISSUE _____

- NOTE:**
1. This Feeder is a precision piece of equipment with close internal clearances. Do Not cause misalignment by bolting down to an uneven surface, or by structurally putting Feeder in a strain.
 2. To avoid premature failure, Do Not over tighten on "U" Cup Packing (Detail 5) Gland Plate Screws (Detail 8) should be tightened only enough to snug "U" Cup Packing against Packing Box Seat. With Chain Drive removed, the Rotor should rotate by hand, with about 10 lbs. pull on Rotor Vane.
 3. Internal clearance between Rotor and Housing should be increased about .002 with stainless steel construction.
 4. Bearings are lifetime lubricated.
 5. Regulator (Detail #19) should be set 10 PSI above Airlock Internal Pressure.



DETAIL NO.	NO.	DESCRIPTION
20	1	SAP Support Tee
19	1	Regulator With Pressure Gauge
18	1	Solenoid Valve
17	1	Filter
16	AR	Hose and Fittings
15	2	Gasket
14	8	Hex Nut
13	8	Lock Washer
12	4	Threaded Rod
11	2	Rotor Washer
10	4	Flat Washer
9	4	Jam Nut
8	4	Set Screw
7	2	Bearing
6	2	Gland Plate
5	6	Shaft Packing
4	1	Type 6 Rotor Assembly
3	1	Type 6 Nickel Cylinder
2	1	Type 6 Non-Drive End Plate
1	1	Type 6 Drive End Plate

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CF# 10.2.1-6-A
 Pg 3 of 3
 Rev 0 9/27/89

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MAGNUM
S Y S T E M S

TYPE 6 NIKHARD AND STELLITE TIP
FALL THRU PRECISIONAIRE
ROTARY AIRLOCK FEEDER
 PARTS DRAWING

DATE	9/12/89	DWG. NO.	52-44
DNW. BY	RLB	APPROVED	9/27/89
SCALE	NONE		Rev 0 DKS