

Description

See Figure 1. The ARW Air Circuit Module consists of a J-box that supplies regulated air to the ARW packing gland. The ARW packing gland is designed for use with anaerobic compounds.

Air flows into the inlet port and through an air passage behind the primary seal of the ARW packing gland. The air prevents curing of material weepage that may occur past the primary seal. The material flows from the outlet port and into the ARW dump container.

Operation

1. Set the J-box regulator to 40–60 psi.
2. Set the needle valve for an air flow of 25–45 lpm.

NOTE: The flowmeter located on the front door of the J-box displays the flow rate.

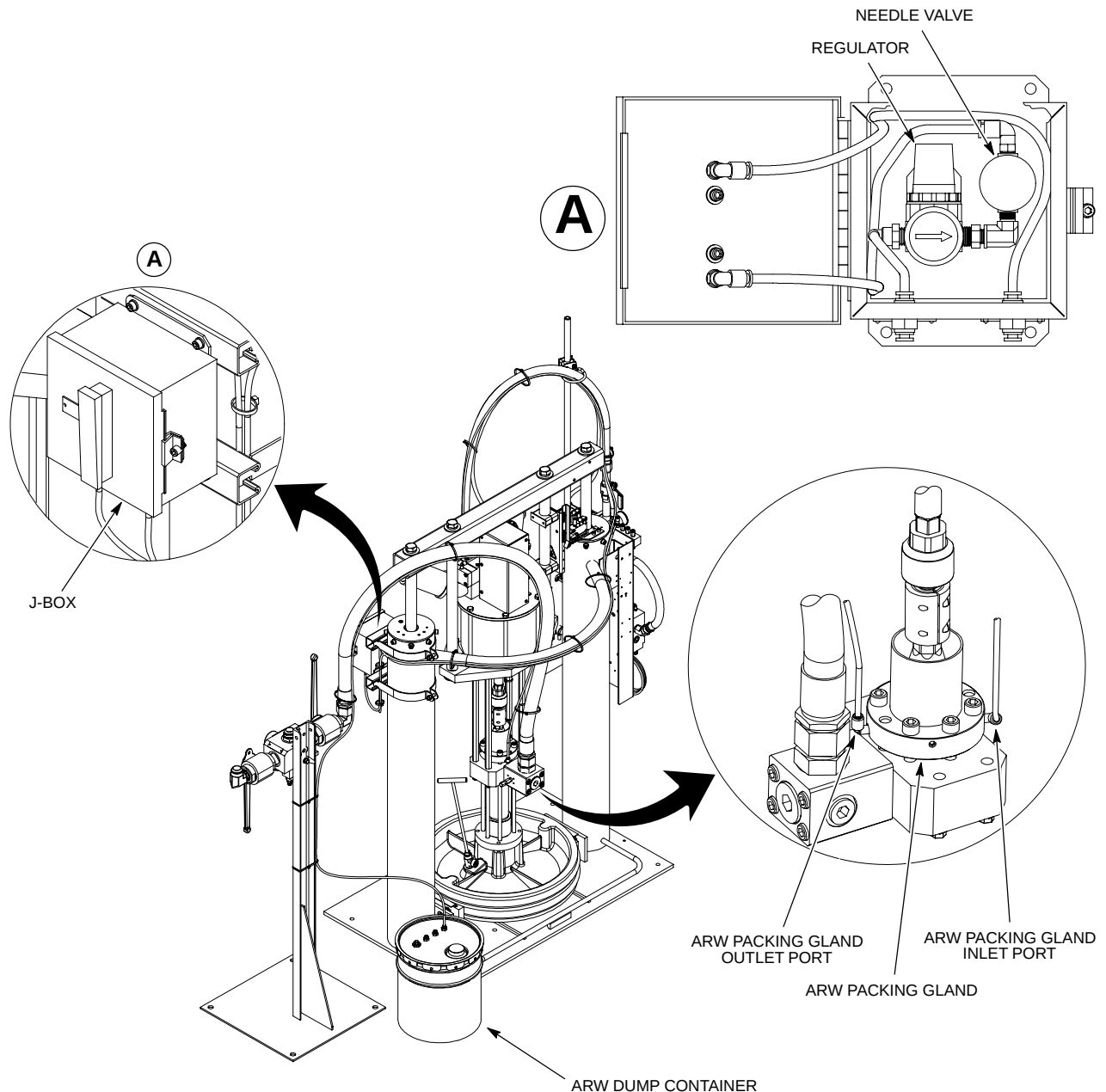


Figure 1 Typical ARW Air Circuit Module

Parts

To order parts, call the Nordson Customer Service Center or a local Nordson representative.

ARW Air Circuit Module

See Figure 2 and the following parts list.

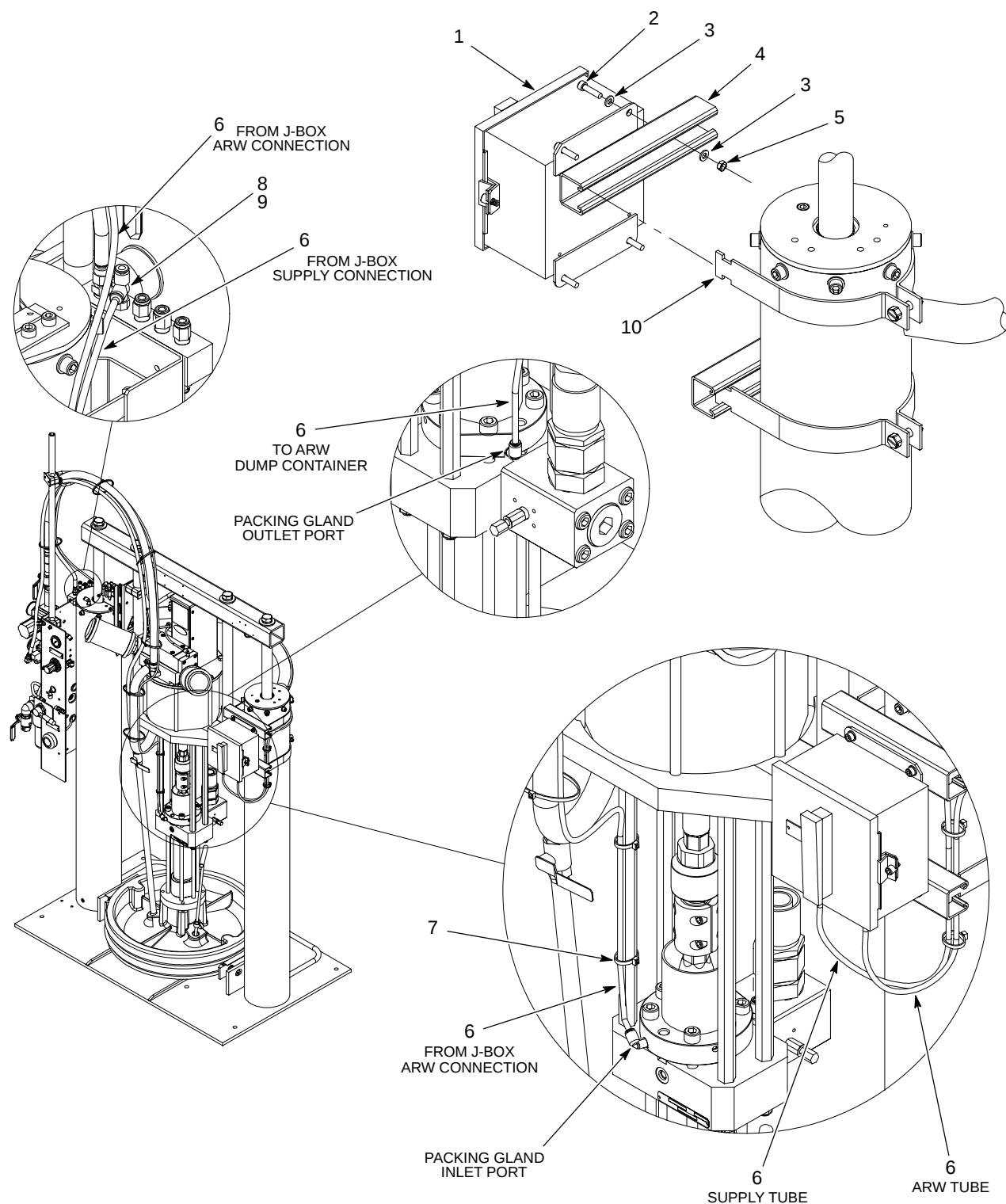


Figure 2 ARW Air Circuit Module Parts

Item	Part	Description	Qty	Note
—	1071979	Module, air circuit, ARW	1	
1	1007144	• J-box assembly, flowmeter gage	1	A
2	982031	• Screw, socket M6 x 25	4	
3	983034	• Washer, flat, M, oversized,6	8	
4	1008048	• Channel,1.625 x 1.375	2	
5	984092	• Nut, hex, lock, torque, M6, class10	4	
6	282286	• Tubing,1/4 O.D. blue urethane	24 ft	
7	939694	• Strap, cable, 0.06–4, natural	20	
8	971267	• Tee, male run, 1/4 tube X1/4 NP	1	
9	900481	• Adhesive, sealant	AR	
10	1044943	Clamp, 4 in., small frame	2	B
10	1008914	Clamp, 6.5 in., large frame	2	B
NOTE A: Refer to the <i>J-Box Assembly</i> parts section for ordering parts.				
B: The clamps are not included with the ARW air circuit module and must be ordered separately.				
AR: As Required				

J-Box Assembly

See Figure 3 and the following parts list.

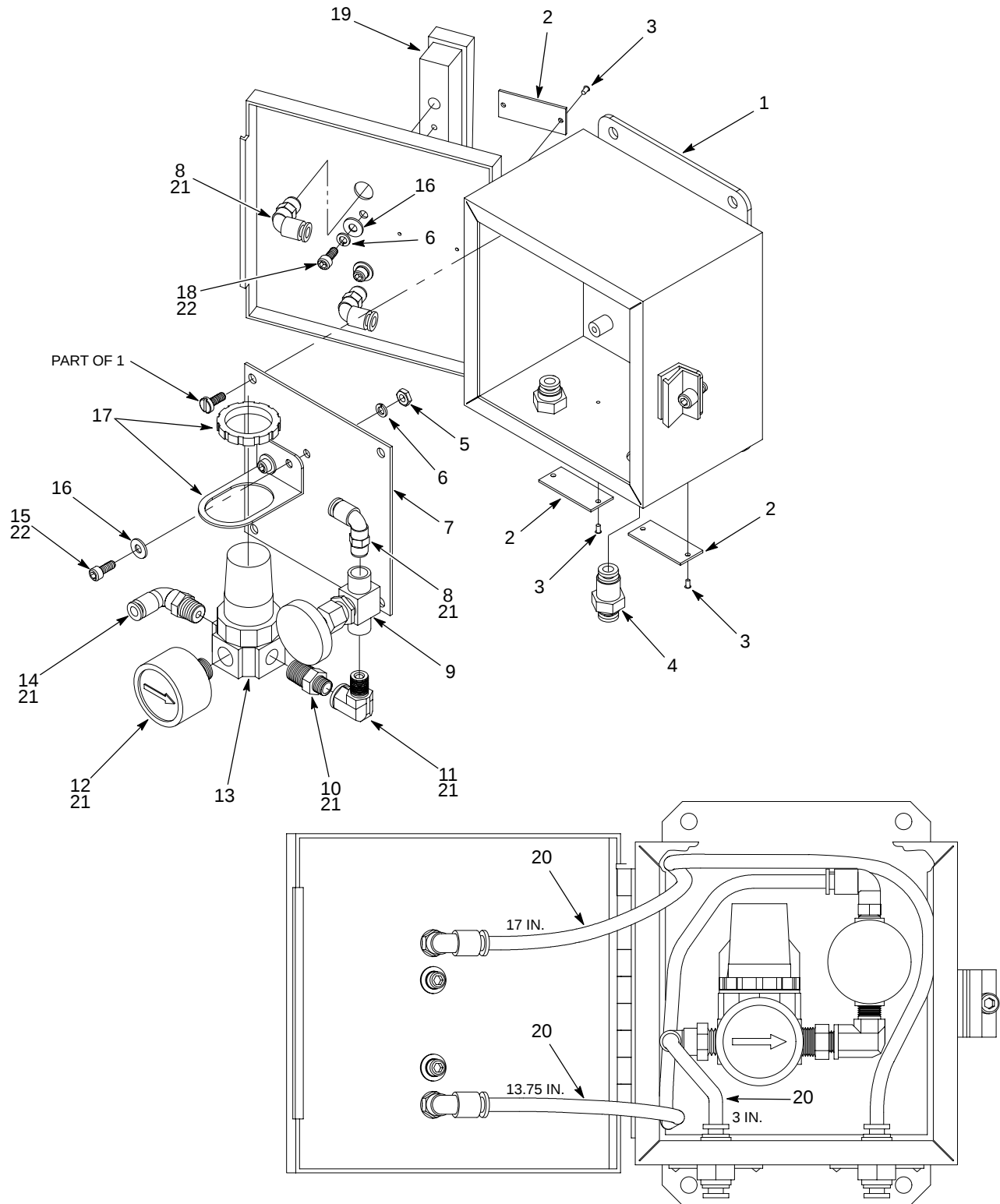


Figure 3 J-Box Assembly Parts

Item	Part	Description	Qty	Note
—	1007144	J-box assembly, flowmeter gage	1	
1	1007662	• Box, junction, 6 x 6 x 4	1	
2	1007555	• Tag set, supply & ARW port	1	
3	981905	• Screw, drive, 2 x 0.187, zinc	6	
4	973986	• Union, bulkhead, female, 1/4 tube, push in	2	
5	984120	• Nut, hex, #10–32, steel, zinc, 14448–FA	2	
6	983079	• Washer, lock, #10, steel	4	
7	1007148	• Panel, Hoffman, 4.88 x 4.88	1	
8	972119	• Elbow, male, 1/4 tube x 1/8 NPT	3	
9	282364	• Valve, needle	1	
10	973564	• Nipple, hex, 1/4 x 1/8 x 1.188, steel, z	1	
11	973126	• Ell, pipe, hydraulic, 90, 1/8, steel, zinc	1	
12	901237	• Gage, air, 0–100 psi 0–7 kg/cm 21	1	
13	126767	• Regulator, air, 0–60, 1/4 NPT	1	
14	971266	• Elbow, male, 0.25 tube x 0.25 NPT	1	
15	981669	• Screw, socket, 10–32 x 0.5	2	
16	345864	• Washer, flat, e, #10, steel, zinc	4	
17	324522	• Bracket, filter regulator	1	
18	223339	• Screw, socket, 10–32 x 0.375	2	
19	1007141	• Flowmeter, low flow, 5–50 lpm air	1	
20	282286	• Tubing, 1/4 O.D. blue urethane	2.8 ft	
21	900481	• Adhesive, sealant	AR	
22	900464	• Adhesive, Loctite 242, blue, removable, 50 ml	AR	
AR: As Required				

J-Box Pneumatic Schematic

See Figure 4.

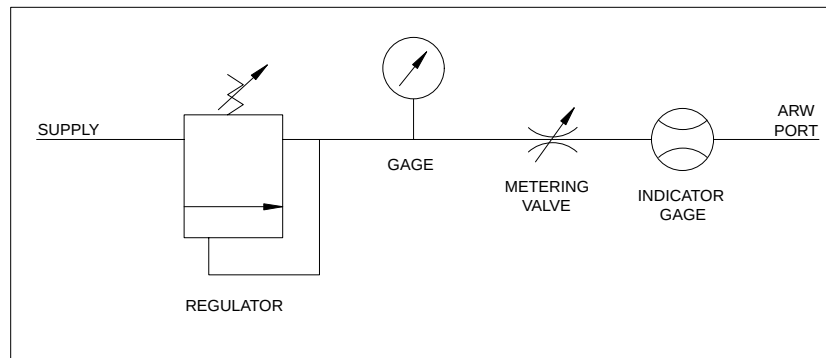


Figure 4 J-Box Pneumatic Schematic

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