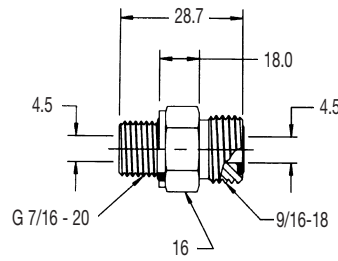


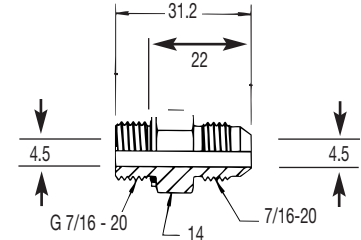
HYDROCAM® Accessories

Control Panel - MODEL RT-2175-CP

READY Technology recommends the use of a control panel with all nitrogen return systems for each **H-1** pump. Use at least one control panel per system. This NAAMS control panel is designed for remote mounting and is used to monitor or adjust nitrogen pressure in the **H-2** unit. The panel is also equipped with a rupture plug for added safety. Each control panel includes the necessary hose and straight connectors to connect one **H-2** unit. O-ring face connectors can also be supplied upon request.

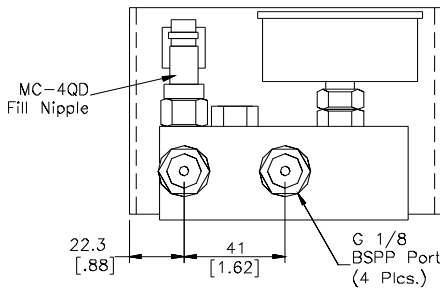


O-ring Male Straight Connector
READY Part # RT4F5OLO-S

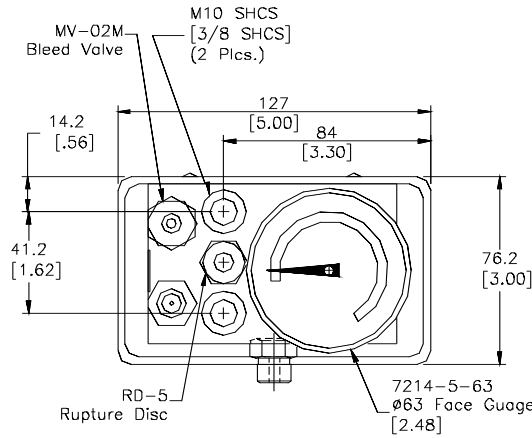


G-1/8 Male Straight Connector
READY Part # RT4F5OX-S

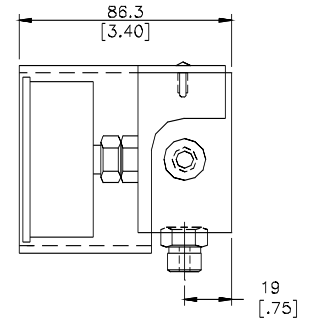
Bottom View



Front View

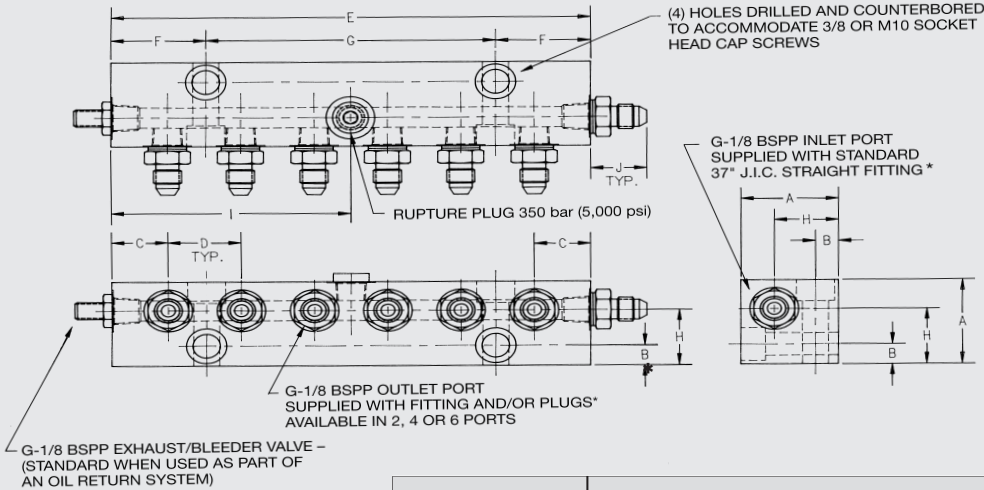


Side View



Suggested drilling pattern for customer to mount the NAAMS standard control panel.

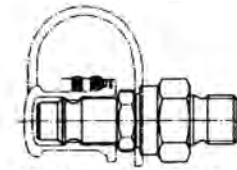
Junction Block



For Self-Contained Systems

To fill or recharge nitrogen gas quickly and easily, order the quick disconnects:

Part #RT-QDM-6251-A



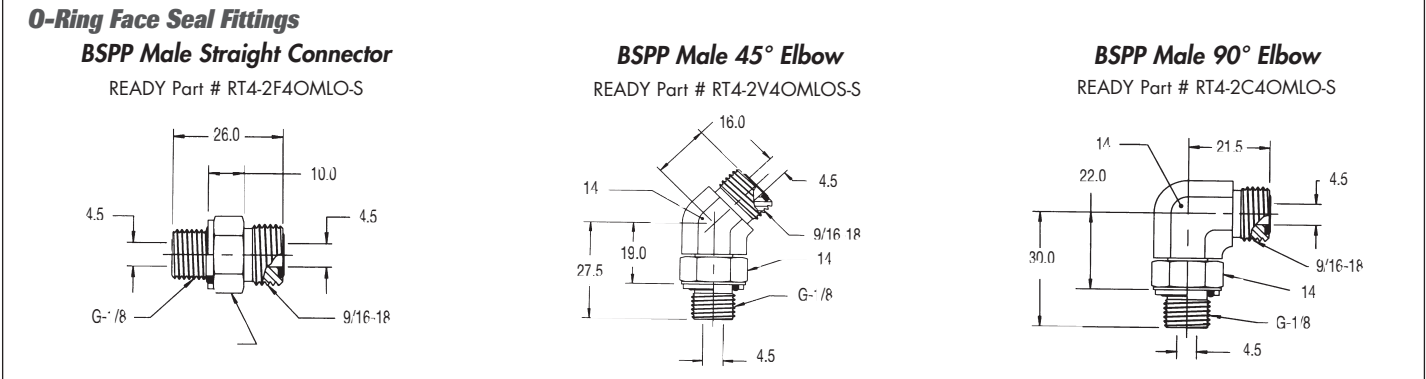
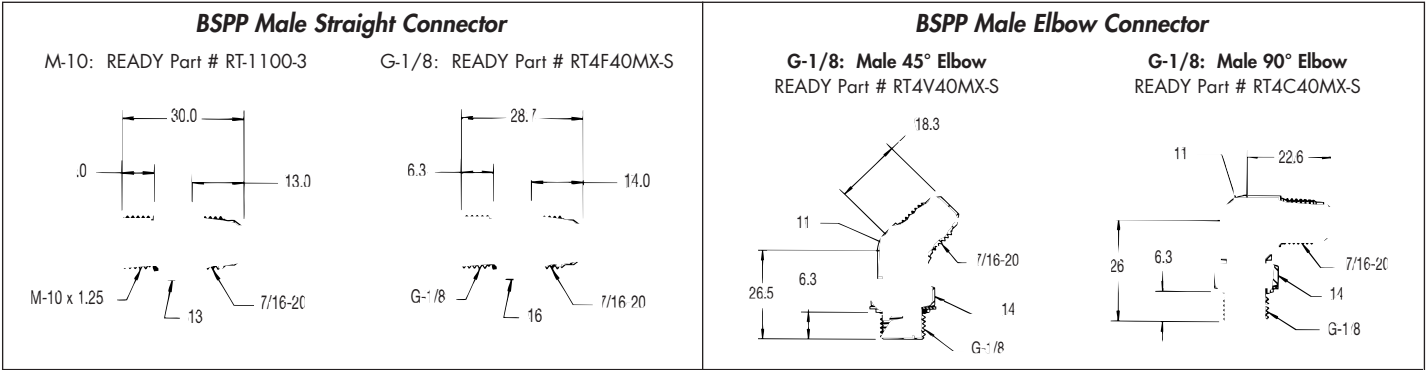
Part #RT-QDM-6-A
(H2-2 model only)

HR-6 model shown above

* O-ring face connectors can also be supplied upon request.

Model	A	B	C	D	E	F	G	H	I	J
HR-2 mm	38	9	22	29	73	9	55	25	36.5	22
inch	1.50	0.35	0.87	1.14	2.87	0.35	2.17	0.98	1.44	0.87
HR-4 mm	38	9	22	29	131	37	57	25	65.5	22
inch	1.50	0.35	0.87	1.14	5.16	1.46	2.24	0.98	2.58	0.87
HR-6 mm	38	9	22	29	187	37	114	25	93.5	22
inch	1.50	0.35	0.87	1.14	7.36	1.46	4.49	0.98	3.68	0.87

Standard System Fittings - Nitrogen Gas

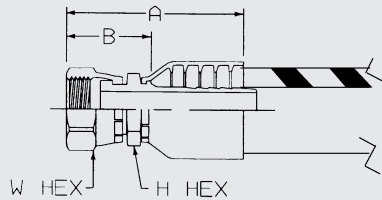


Control Panel Hose

Important: The hose length should be a minimum of 5% longer than the actual measured length. The additional length provides for the contraction of the hose length when pressurized.

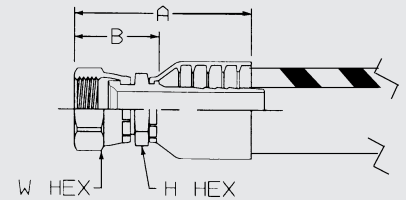
Note: The inlet valve must be removed prior to hosing.

O-Ring Face Seal Hose



Part # RT52041JC55-(*)
(* = specify required hose length)

37° JIC Hose



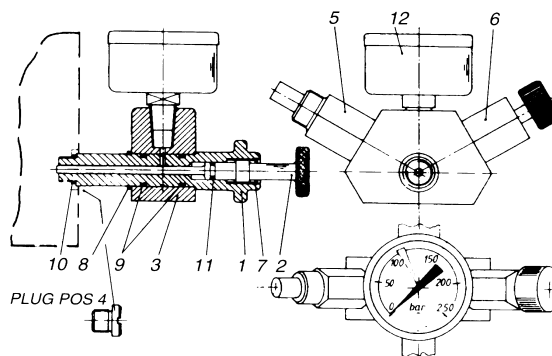
Part # RT520410655-(*)
(* = specify required hose length)

Part No.		Hose I.D.	Hose O.D.	Max. Operating Pressure MPa / psi	Burst Pressure MPa / psi	Min Bend Radius	Thread Size	A	H Hex	W Hex	B
RT520410655-(*)	mm inch	6.4 0.25	13 0.51	34.5 5000	138 20,000	51 2	- 7/16-20	64 2.5	16 5/8	16 5/8	35 1.38
RT52041JC55-(*)	mm inch	6.4 0.25	13 0.51	34.5 5000	138 20,000	51 2	- 9/16-18	50 1.97	18 11/16	16 5/8	27 1.06

Service Gauge Assembly

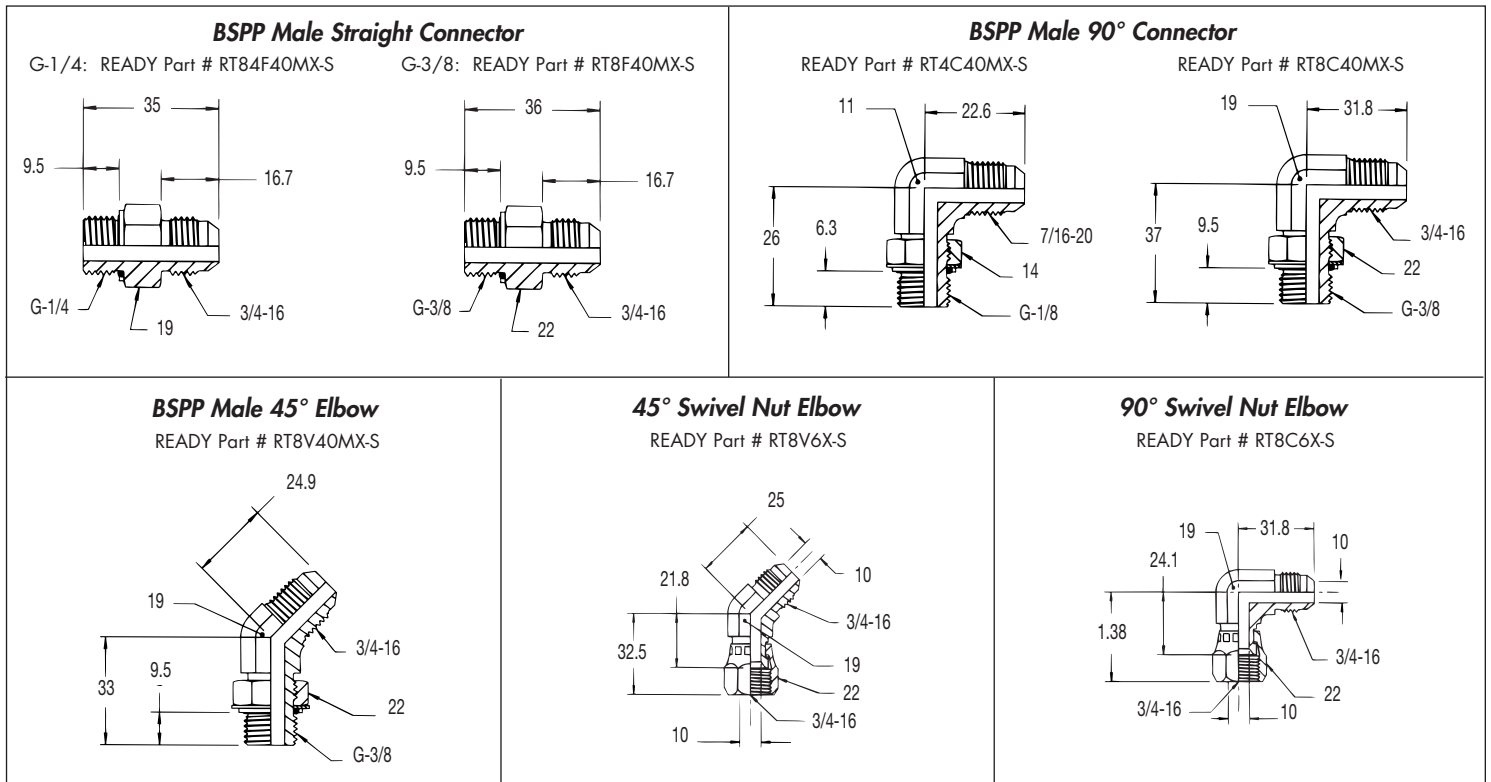
This assembly is multi-functional. Use it to fill, empty, adjust, or take an accurate reading of pressure in the **H-2** unit. Installation of this device will result in a nominal loss of pressure.

READY Part # RTUAL-04.0QDM



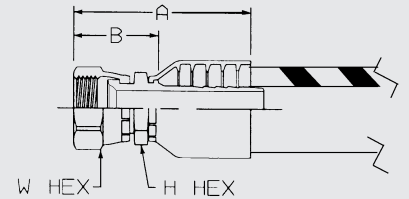
- 1 Casing
- 2 Pressure Adjusting Screw
- 3 Body
- 4 Threaded Plug
- 5 Inlet Valve
- 6 Outlet Valve
- 7 Retaining Ring
- 8 Circlips
- 9 O-ring
- 10 O-ring
- 11 O-ring
- 12 Gauge

Standard System Fittings - Hydraulic



Flexible High Pressure Hoses and Connectors

- Minimize the number of fittings in the hose system.
- Do not use a hose system that involves a fitting – to fitting – to fitting series of connections.
- Hose each **H-2** unit to an **H-1** pump with its own hose. Do not hose in series. Provide simple access for hose routing.
- Provide additional hose length to ensure appropriate radius and safe routing. Avoid high spots in the oil hose route that will trap and create air pockets.



Hose to Connect H-1 to H-2

Part No.	Hose I.D.	Hose O.D.	Max. Operating Pressure MPa / psi	Burst Pressure MPa / psi	Min Bend Radius	Thread Size	A	H Hex	W Hex	B	
RT701810670-(*)	mm inch	12 0.50	25 0.97	41.5 6000	166 24,000	230 9	- 3/4-16	66 2.60	21 13/16	22 7/8	36 1.42

*Standard hose lengths are 3' or 6'. Specify custom lengths if needed. All hose and connectors are available individually, as assemblies, or in bulk upon request.

READY Hand Pump of 1.8 Litre Capacity (250 bar maximum output)
Reduce **HYDROCAM®** Set-up Time By Using This Hand Pump. This Oil Hand Pump Can Be Used for Three Different Purposes:

1. Directly connected to the **H-2** unit, it moves the piston to allow the toolmaker to align punch and die within the tool.
2. Filling the **H-1** pump when the system is in the tool.
3. Filling the oil/nitrogen accumulator if using oil return option.



Extending **H-2** piston rod



Filling oil drive system



Filling oil return system