

# FX-1

## PVC FLEXIBLE HOSE DELIVERY SYSTEMS



FLEXIBLE SPRING WIRE REINFORCED PVC "POLYWIRE" HOSE OFFERS EXCELLENT CHEMICAL COMPATIBILITY AS WELL AS UV RATED. AVAILABLE AS AN OPTION WITH ALL INDUCTION UNITS. 3/4" - 2" ID HOSE SIZES AVAILABLE. STANDARD LENGTH 20' (LONGER LENGTHS AVAILABLE).

The GAS MASTRRR Series 32, 32PT or the INTRUDRRR Series 35FP is supplied with flexible spring wire reinforced PVC "POLYWIRE" hose with quick disconnect fittings as an option. This option allows for quick and easy installation and inspection of the unit without the hassle of rigid PVC pipe.

### The flex hose kit includes:

- Qty. 1 20' PVC suction hose (longer lengths available).
- Qty. 2 Polypropylene quick disconnect cam & groove fittings (qty. 2 male & qty. 2 female fittings).
- Qty. 1 PVC Sch 80 elbow 90 degree TxT (same size as hose).
- Qty. 1 PVC Sch 80 close nipple (same size as hose).
- Qty. 1 PVC Sch 80 reducer bushing (to match feed port if required)

### PVC suction hose construction:

Crystal clear PVC reinforced with spring wire. Compounded from non-toxic PVC ingredients in compliance with applicable FDA \*\* requirements. \*\* FDA-CFR Title 21 parts 170 to 199.

### Features:

- \* Full Vacuum Rating
- \* Anti-kinking, Anti-collapsible, and smooth inside bore.
- \* Chemical Resistant with Viton or Teflon gasket
- \* Ozone and Atmospheric resistant

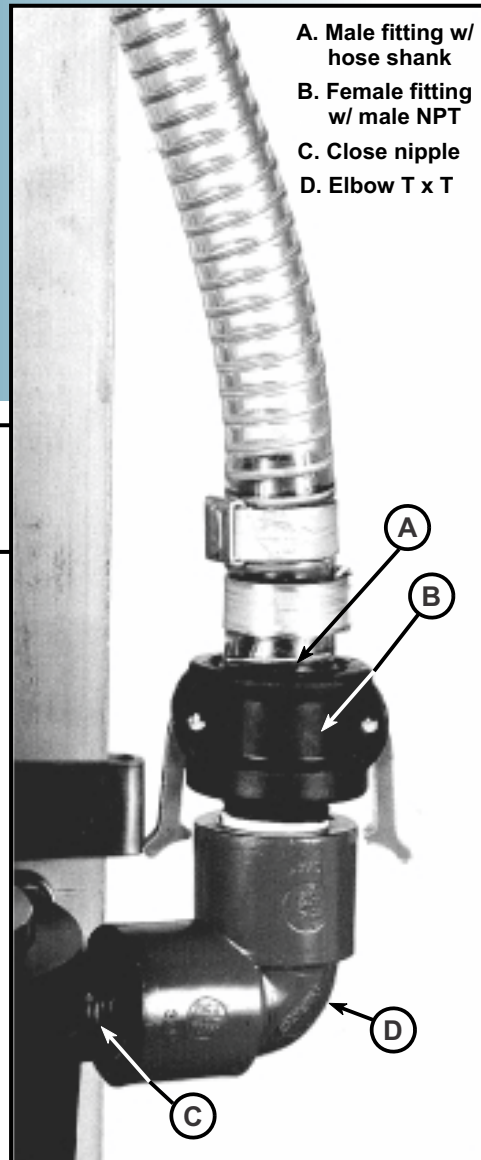
### Polypropylene quick disconnect fittings:

2 sets of quick disconnect (cam & groove) fittings are supplied with the flex hose kit. Simply insert adapter into coupler and pull down arms to lock assembly. When correctly coupled, the Viton or Teflon gasket will seal the hose for submerged/atmospheric full vacuum service.

NOMINAL ID	NOMINAL OD	MIN. BEND RADIUS	WORKING PRESSURE	WEIGHT WITH FITTINGS
3/4"	1.031"	3"	70 PSI	20' = 6 lbs.
1"	1.297"	4"	70 PSI	20' = 9 lbs.
1 1/2"	1.860"	6"	50 PSI	20' = 15 lbs.
2"	2.391"	8"	50 PSI	20' = 20 lbs.

**GASKET MATERIAL: TEFLON STANDARD**

Part Numbers: FX-(size)-(length')  
 Example: 3/4" hose with 20' length = FX-3/4-20  
 Example: 1" hose with 30' length = FX-1-30



- A. Male fitting w/ hose shank
- B. Female fitting w/ male NPT
- C. Close nipple
- D. Elbow T x T



**Part A: Male Fitting/Hose Shank**  
 3/4" Part # 075A  
 1" Part # 100A  
 1-1/2" Part # 150A  
 2" Part # 200A



**Part B: Male Fitting/Male NPT**  
 3/4" Part # 075B  
 1" Part # 100B  
 1-1/2" Part # 150B  
 2" Part # 200B



**Disconnect Seal: Teflon/Buna**  
 3/4" Part # 75-G-TF  
 1" Part # 100-G-TF  
 1-1/2" Part # 150-G-TF  
 2" Part # 200-G-TF

