BLADDER TANK FILL PUMP KIT
WITH COMPRESSOR
NPR370

- Compatible With All Foam Concentrates
- Compatible With All Bladder Tanks
- Convenient Kit To Make Filling Bladder Tanks Easy And Efficient
- Flow Rate Designed To Minimize Frothing When Filling From Bottom Up

Description
To properly fill bladder tanks it is necessary to have an air source to float the bladder and a device to pump the foam concentrate into the tank. National Foam has assembled a complete kit of items necessary to properly fill the bladder tank. This kit consists of a low pressure foam pump, air compressor, pick-up tube with suction hose, pump discharge hose, fill manifold with pressure gauge and necessary fittings to connect to the tank, and water drain/fill and vent hose.

Features
Complete package of equipment necessary to fill bladder tank in locations where no shop air is available.

Applications
Specifically designed for filling bladder tanks.

Specifications
The Bladder Tank Fill Kit with Compressor is a complete connection and fill package for use in areas where air pressure is not available. The kit shall include the necessary pump, compressor, hoses and fittings to properly fill a bladder tank from pails, drums or totes.

- 1/4" Heavy Duty Air Supply Hose
- 1" x 41" long PVC Pick-Up Tube with 72" long x 1" Clear PVC suction hose with brass fittings. Hose is reinforced with helically-wound spring steel wire
- 1" Clear PVC, reinforced with helically-wound spring steel wire discharge hose with brass fittings, 180" long
- 1" Fill Manifold with 0-60 PSI pressure gauge, 1" brass foam shut-off valve and 1/4" brass air shutoff valve
- (2) Lengths of 3/4" x 25 Ft. Water Drain/Fill/Vent Rubber Hose with 3/4" NH x 3/4" NPT brass adapters

The necessary fittings are provided to allow connection of the Fill Manifold to the bladder tank foam concentrate drain/fill valve and for connection of the foam concentrate supply line and the air pressure supply line to the Fill Manifold.

Technical Information

Pump:
Type: ...................... Self Priming, positive displacement
Capacity: .................. 20 GPM @ 17 PSI
Ports: ...................... 1" FNPT
Materials:
- Body: ................. Bronze
- Impeller: .............. Nitrile
- Shaft: ................. Steel with special 316 SS sleeve
- Seals: ................. Mechanical lip seals
- Motor: ................. 3/4 HP, 1/60/120VAC ODP with 8 ft. cord & plug

Air Compressor:
Type: ...................... Diaphragm type, oil-less permanently lubricated, maintenance free
Capacity: .............. 0.35 CFM @ 20 PSI (max pressure, 35 PSI)
Outlet: ................. 1/4" FNPT
Materials:
- Body: ................. Die cast aluminum
- Reed Valves: ........ Stainless steel
- Bearings: .......... Ball
- Motor: ................. 1/12 HP, 1/60/120VAC, thermally protected with automatic reset with 6 ft. cord & plug

Pick-up Tube:
Material: ............... PVC

Suction & Discharge Hose:
Type: ...................... Heavy wall vacuum and transfer hose
Size - Suction: .... 1" X 72" Long
Size - Discharge: 1" X 180" long
Connections: ....... 1" MNPT X 1" JIC Swivel
Temp Rating: ...... 25°F (-4°C) to 150°F (65°C)
Pressure Rating.: 100 PSI @ 70°F (20°C) 45 PSI @ 122°F (50°C)
Materials:
- Hose: ................. Clear PVC, reinforced with helically-wound spring steel wire
- Fittings: .............. Brass
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Water Drain/Fill/Vent Hose:
Type: ...................... Rubber water hose
Size: ..................... 3/4" X 25 Ft. long
Connections: ...... 3/4" NH crimped
NPT adapters
Materials:
Hose:............... Flexible black EPDM
rubber, reinforced
with braided
yarn, resistant to
ozone and low
temperatures
Couplings: ...... Aluminum and Brass
Adapters:....... Brass

Air Hose:
Type: ...................... Heavy duty air
Size: ..................... 1/4" X 25 Ft. long
Connections: ...... 1/4" NH crimped
couplings with quick-connect
couplings
Temp. Rating: ---- -20°F to 190°F
Pressure Rating: ... 250 PSI
Material:
Hose:............... Nitrile oil resistant
tube and cover
(RMA Class A)
Fittings:.......... Brass
Quick Connects: .. Brass

Fill Manifold:
Pressure Rating:
Fittings:.......... 200 PSI
Valves: .......... 400 PSI WOG
Material:
Fitting:.......... Malleable Iron
Valves: .......... Brass
Pressure Gauge:
Rating:.......... 0-60 PSI
Connection: ...... 1/4" NPT

Bladder Tank Electric Fill Pump Kit with Compressor

ORDERING INFORMATION

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<tr>
<th>Part Number</th>
<th>Description</th>
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<td>1221-0100-2</td>
<td>Complete Kit with Compressor</td>
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