

Diaphragm Pump(series ADP)

This pump has been developed as a compact yet powerful air operated pump for industrial and commercial applications.

Name and Model

Compatibility
Construction

: Diaphragm Pump Model ADP-2TFF

: Most of common solvents and aqueous solvents.
: Reinforced Delrin Body, 2" O.D. Teflon Diaphragm, Stainless Steel internal parts, Anodized Aluminum Valve Body and Spool.

Operating Pressure
Maximum Air Pressure
Air Consumption

: Compressed Air 30 to 85 psi (2 to 6 kg/cm²)
: 100 psi
: 1.2 cfm (35 liter/minute)

Output

: 7.2 Liters per minute at 80 psi (5.5 Kg/cm²)

Priming Vacuum

: 7" (175mm) Hg at 75 psi (5.1 Kg/cm²)

Suction Vacuum

: 27" (685mm) Hg at 75 psi (5.1 Kg/cm²)

Air Inlet

: Quick Connect Fitting for 1/4" Ø O.D. (6.0 mm Ø O.D.) hose

Exhaust

Liquid Inlet

: Silencer

Liquid Outlet

: Hose Barb: 3/8" Ø O.D. (9.5 mm Ø O.D.)

Inlet / Outlet Valves

: Hose Barb: 3/8" Ø O.D. (9.5 mm Ø O.D.)

Size

: Teflon Balls and Stainless Steel Valve Springs

Weight

: 10.5 cm. L x 7.8 cm W x 13.0 cm H

Mounting

: 0.58kg

: 4 Mounting Holes for self-tap screw

ADP-2TFF



Caution: For Liquid containing small solid particles, mount the pump with Diaphragms in horizontal position. Do not apply air pressure in excess of 100psi(7kg/cm²)

Name and Model

Compatibility
Construction

: Diaphragm Pump Model ADP-4TFF

: Most of common solvents and aqueous solvents.
: Reinforced Delrin Body, 4" O.D. Teflon Diaphragm, Stainless Steel internal parts, Anodized Aluminum Valve Body and Spool.

Operating Pressure

: Compressed Air 20 to 100 psi (1.4 to 7.0 kg/cm²)

Maximum Air Pressure Air Consumption Output

: 100 psi (7 kg/cm²)
: 2 cfm (55 liter/minute)

Priming Vacuum

: 3.2US Gallons (12 Liters) per minute at 75 psi (5.1 Kg/cm²)

Suction Vacuum

: 7" (175mm) Hg at 75 psi (5.1 Kg/cm²)

Air Inlet

: 27" (685mm) Hg at 75 psi (5.1 Kg/cm²)

Exhaust

: Quick Connect Fitting for 1/4" Ø O.D. (6.35 mm Ø O.D.) hose

Liquid Inlet

: 1/8" NPT Female to 1/4" Ø O.D. Silencer Tube, Maintenance

Liquid Outlet

Free

Inlet/Outlet Valves

: Hose Barb: 3/8" Ø O.D. (9.5 mm Ø O.D.)

Size

: Hose Barb: 3/8" Ø O.D. (9.5 mm Ø O.D.)

Net Weight

: Teflon Balls and Stainless Steel Valve Springs

Mounting

: 5.5"L x 4.9"W x 6.5"H (14 cm.L x 12.5 cm.W x 16.5 cm.H)

: 2.9 lbs. (1.3 kg)

: 4 Mounting Holes of 1/4" Ø, (6.2mm Ø) in Base Plate

ADP-4TFF



***Product's specification may subject to change without further notice.
***Actual product may slightly differ from pictures shown.

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