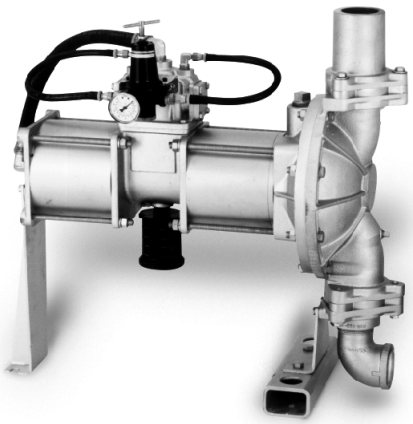
WARREN RUPP®

Quality System ISO9001 Certified

Environmental Management System ISO14001 Certified

IDEX CORPORATION



SandPIPER®

PHOENIX®

BALL VALVE

EH2-M Type 4 (2:1 RATIO)

Air-Powered Diaphragm Pump

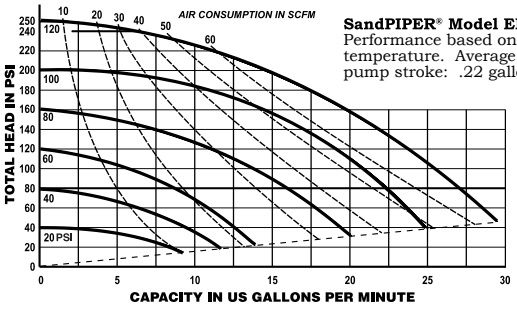
ENGINEERING, PERFORMANCE & CONSTRUCTION DATA

INTAKE/DISCHARGE PIPE SIZE	CAPACITY	AIR VALVE	SOLIDS-HANDLING	HEADS UP TO
2" *(50mm)* NPT(F)	0 to 25 gallons per minute *(0 to 95 liters per minute)*	No-lube, no-stall design.	Up to 1/4" *(6.3mm)*	250 psi or 577 ft. of water (17 bar or 176 meters)

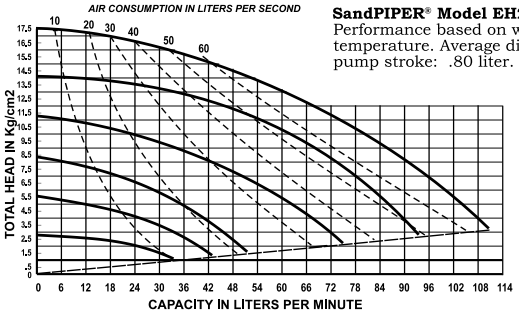
Air-powered diaphragm pump Phoenix® delivers discharge pressure, up to 250 psi maximum, equal to twice the inlet air pressure (2:1 ratio).

Phoenix® is designed for filter press feed or similar applications where higher discharge pressures are required.

Some types are available with flap check valves for greater solids-handling capability. See Model SH2-M Data Sheet for specifics.



SandPIPER® Model EH2-M
Performance based on water at ambient temperature. Average displacement per pump stroke: .22 gallon (.83 liters)



SandPIPER® Model EH2-M
Performance based on water at ambient temperature. Average displacement per pump stroke: .80 liter.

(**SandPIPER®** pumps are designed to be powered **only** by compressed air)

MATERIALS OF CONSTRUCTION

EH2-M Type 4	Suction/ Discharge Flanges	Outer Chamber	Inner Chamber	Cylinder Body	Piston	Intermediate Housing	Diaphragm Rod	Valve Seat / O-ring Seal	Hard-ware	Inner Diaphragm Plate	Outer Diaphragm Plate	Diaphragm	Ball Valve	Cylinder Cap	Shipping Weight (lbs)
TN-4-I	CI	CI	CI	CPS	6063T6AL	356-T6AL	416SS	CS/B	PS	-	-	N	N	CI	172
TB-4-I	CI	CI	CI	CPS	6063T6AL	356-T6AL	416SS	CS/B	PS	-	-	B	B	CI	172
TI-4-I	CI	CI	CI	CPS	6063T6AL	356-T6AL	416SS	CS/T	PS	-	-	I	I	CI	172
TC-4-I	CI	CI	CI	CPS	6063T6AL	356-T6AL	416SS	CS/T	PS	-	-	V	T	CI	172
TV-4-I	CI	CI	CI	CPS	6063T6AL	356-T6AL	416SS	CS/T	PS	-	-	V	V	CI	172
TGN-4-I	CI	CI	CI	CPS	6063T6AL	356-T6AL	416SS	CS/T	PS	PS	CI	N/T	T	CI	172
TN-4-S	WR-S	WR-S	CI	CPS	6063T6AL	356-T6AL	416SS	SS/B	PS	-	-	N	N	CI	176
TB-4-S	WR-S	WR-S	CI	CPS	6063T6AL	356-T6AL	416SS	SS/B	PS	-	-	B	B	CI	176
TI-4-S	WR-S	WR-S	CI	CPS	6063T6AL	356-T6AL	416SS	SS/T	PS	-	-	I	I	CI	176
TC-4-S	WR-S	WR-S	CI	CPS	6063T6AL	356-T6AL	416SS	SS/T	PS	-	-	V	T	CI	176
TGN-4-S	WR-S	WR-S	CI	CPS	6063T6AL	356-T6AL	416SS	SS/T	PS	PS	WR-S	N/T	T	CI	176

Meanings of Abbreviations:

AL = Aluminum
PS = Plated Steel
SS = Stainless Steel

B = Buna-N
CI = Cast Iron
I = EPDM

V = Viton®
N = Neoprene
T = PTFE

CS = Carbon Steel
CPS = Chrome Plated Steel

N/T = Neoprene Backup/ PTFE Overlay
WR-S = Warren Rupp Alloy Type 316SS

Viton® is a registered tradename of E.I. du Pont. SandPIPER® and PHOENIX® are registered tradenames of Warren Rupp, Inc.

WR-S Warren Rupp Alloy Type 316 Stainless Steel equal to or exceeding ASTM specification A743 CF-8M for corrosion resistant iron chromium, iron chromium nickel, and nickel based alloy castings for general applications. Commonly referred to as 316 Stainless Steel in the pump industry.

EH2-M PHOENIX® BALL VALVE

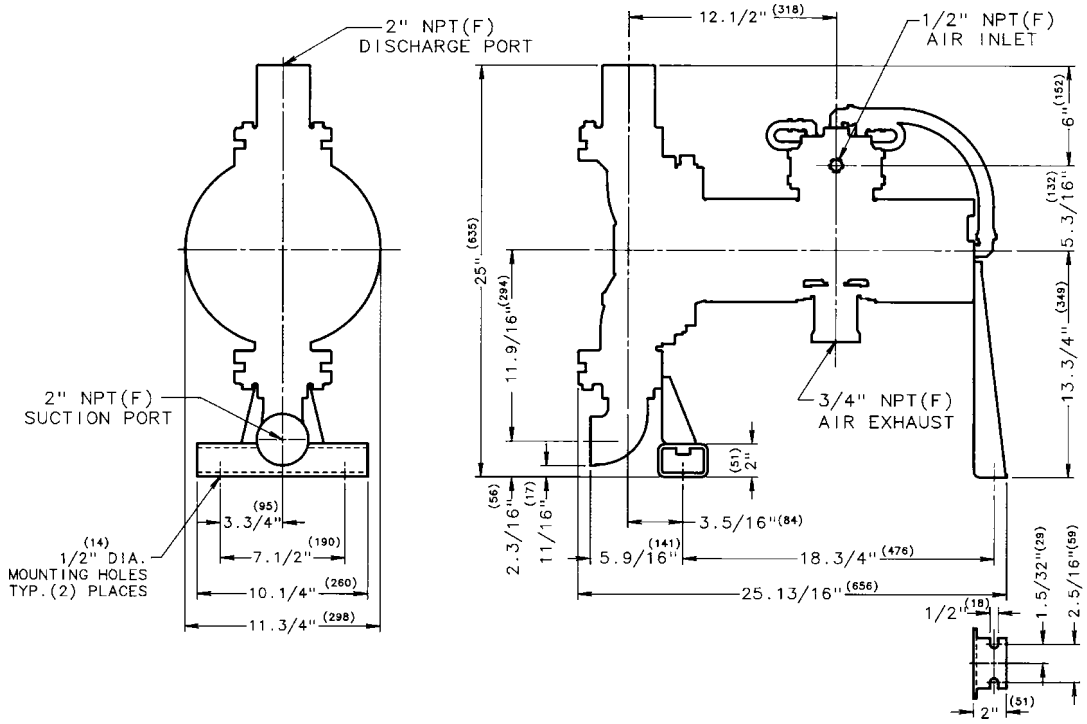
Available Parts Kits:

Air End Kit:
No. 476-100-000

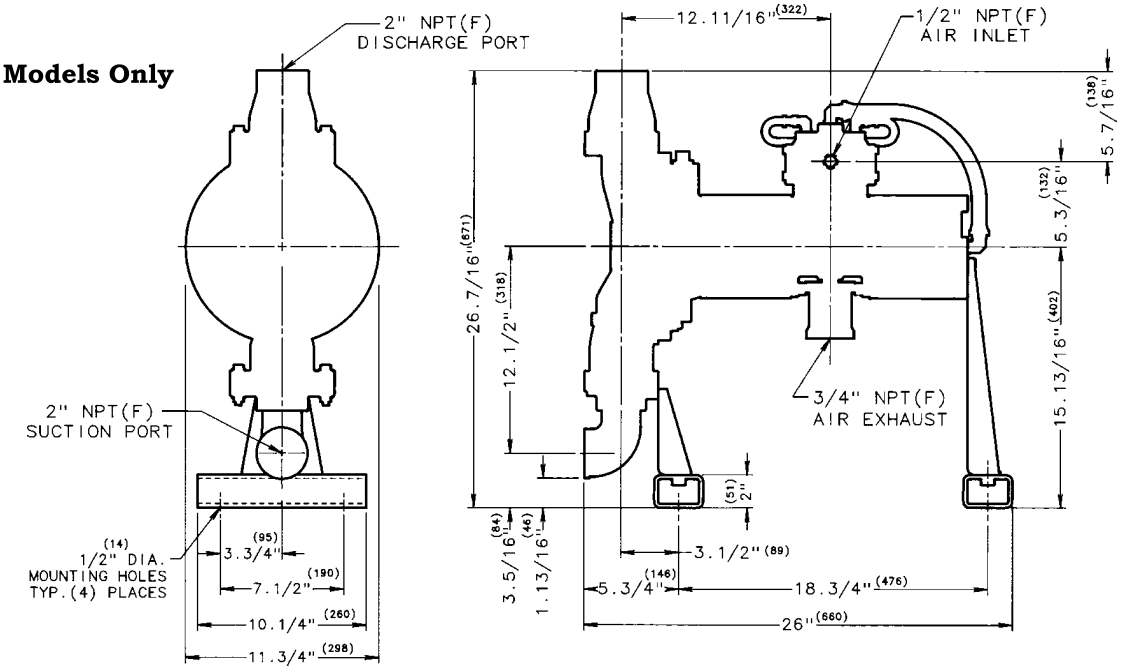
CI Wetted End Kits:
Nos. 476-048-360, 476-048-633, 476-048-364, 476-048-363, 476-048-365, 476-048-635

WR-S Wetted End Kits:
Nos. 476-056-360, 476-056-635, 476-056-364, 476-056-633, 476-056-365

Dimensions are ± 1/8"
Figures in parenthesis = millimeters



WR-S Models Only



EH2-M 2" NPT(F) SUCTION • ½" NPT(F) DISCHARGE • ½" NPT(F) AIR INLET PORT • ¾" NPT(M) AIR EXHAUST PORT

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