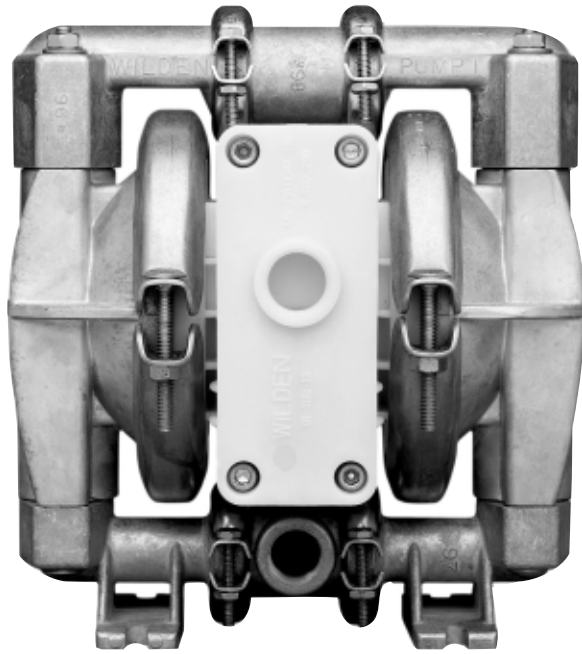




# WILDEN®

AIR OPERATED DOUBLE DIAPHRAGM PUMPS

A **DOVER** RESOURCES COMPANY



**PROFLO™**  
PROGRESSIVE PUMP TECHNOLOGY

# P1 Metal Pump

FLOW RATE TO 15.5 GPM (58.6 LPM)  
MAXIMUM OPERATING PRESSURE = 125 PSI (8.6 BAR)

## Specifications

### WETTED HOUSINGS (Water Chambers and Manifolds)

MATERIAL	SHIP WT.
Aluminum	13 lbs. (6 kg.)
316 S.S.	20 lbs. (9.2 kg.)

### NON-WETTED HOUSINGS

DESCRIPTION	MATERIAL
Center Section	Polypropylene or Acetal

Air Valve Polypropylene or Acetal

### MAXIMUM SUCTION LIFT CAPABILITY

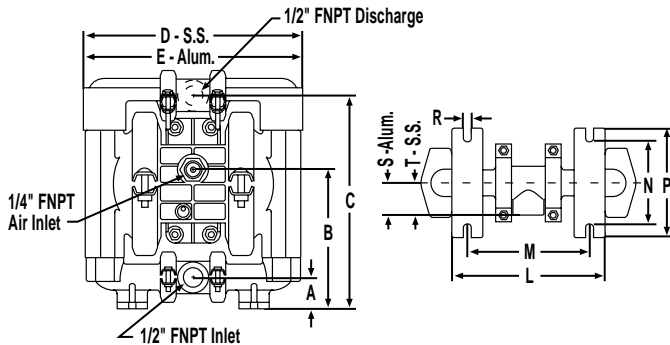
DRY LIFT  
19' (5.8 m)  
The above figure represents the rubber-fitted pump capability.

### MAXIMUM DIAMETER SOLIDS

1/16" (1.59 mm) Diameter

### ELASTOMER OPTIONS

MATERIAL	TEMPERATURE LIMITS
Polyurethane	+10 (-12.2) to +150 (65.6) F° (C°)
Neoprene	0 (-17.8) to +200 (93.3) F° (C°)
Buna-N®	+10 (-12.2) to +180 (82.2) F° (C°)
Nordel®	-60 (-51.1) to +280 (137.8) F° (C°)
Viton®	-40 (-40.0) to +350 (176.7) F° (C°)
Saniflex™	-20 (-28.9) to +220 (104.4) F° (C°)
Teflon® PTFE	+40 (4.4) to +300 (148.9) F° (C°)
Wil-Flex™	-40 (-40.0) to +225 (107.2) F° (C°)



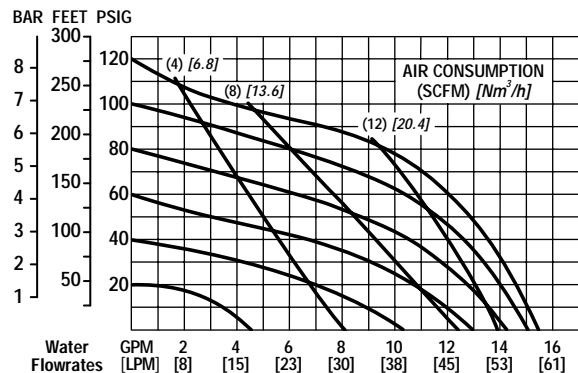
### DIMENSIONS - P1 METAL

ITEM	STANDARD (inch)	METRIC (mm)
A	1 1/8	28.6
B	5 3/32	129.4
C	7 13/16	198.5
D	8	203.2
E	8 5/32	207.2
F	8 3/4	222.3
G	2 3/16	55.6
H	4 17/32	115.1
J	5 3/32	129.4
K	8 1/16	204.8
L	5 1/2	139.7
M	4 13/32	111.9
N	3 1/4	82.6
P	4	101.6
R	9/32	7.1
S	1 3/16	30.2
T	1 3/16	30.2

DIN type flanges available for liquid inlet and discharge.

Refer to the EOM manual for TPE and Ultra-Flex™ performance curves.

### RUBBER-FITTED P1 METAL PUMP



### TEFLON®-FITTED P1 METAL PUMP

