

# TECHNIQUES DES FLUIDES

10 Rue Jean Poulmarch, bat. 3

Z.I. Du Val d'Argent

95100 Argenteuil

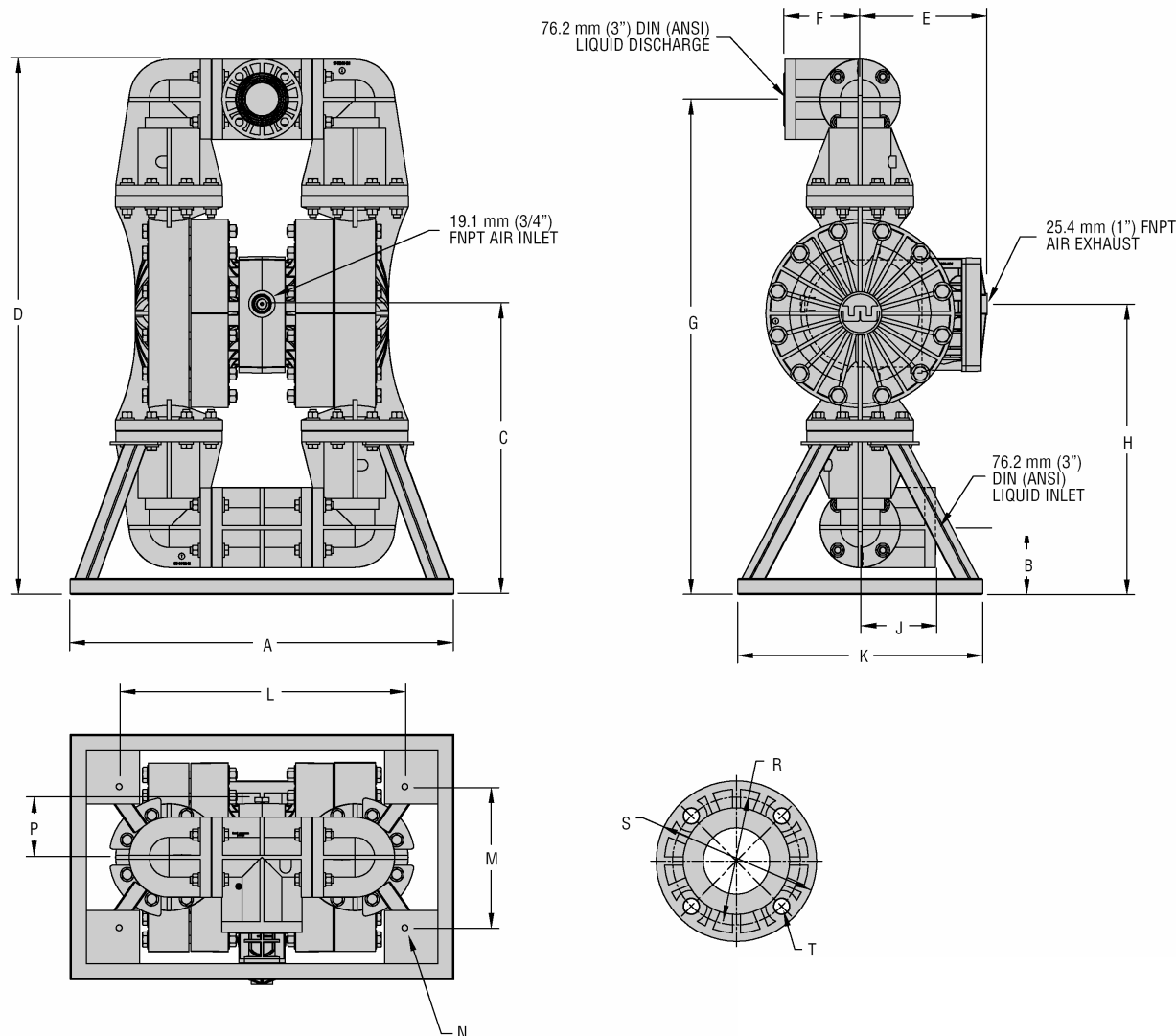
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## WILDEN MODEL P1500 ADVANCED™ PLASTIC PUMP



DIMENSIONS – P1500 ADVANCED™ PLASTIC		
ITEM	METRIC (mm)	STANDARD (inch)
A	914	36.0
B	160	6.3
C	691	27.2
D	1279	50.4
E	303	11.9
F	181	7.1
G	1181	46.5
H	693	27.3
J	181	7.1
K	584	23.0
L	681	26.8
M	336	13.2
N	14 DIA.	.6
P	149	5.9
FLANGES		
	METRIC (mm)	STANDARD (inch)
R	160 DIA.	6.0
S	191 DIA.	7.5
T	18 DIA.	.8

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## MODEL P1500 ADVANCED™ PLASTIC TEFLON®-FITTED

Height.....1279 mm (50.4")  
 Width.....914 mm (36.0")  
 Depth.....584 mm (23.0")  
 Ship Weight....Polypropylene 138.4 kg (305 lbs.)  
                   PVDF.....161.4 kg (356 lbs.)  
 Air Inlet .....19.1 mm (¾")  
 Inlet .....76.2 mm (3")  
 Outlet.....76.2 mm (3")  
 Suction Lift .....3.63 m Dry (12')  
                       8.64 m Wet (28')

Displacement per

Stroke ..... 3.75 l (.99 gal.)<sup>1</sup>

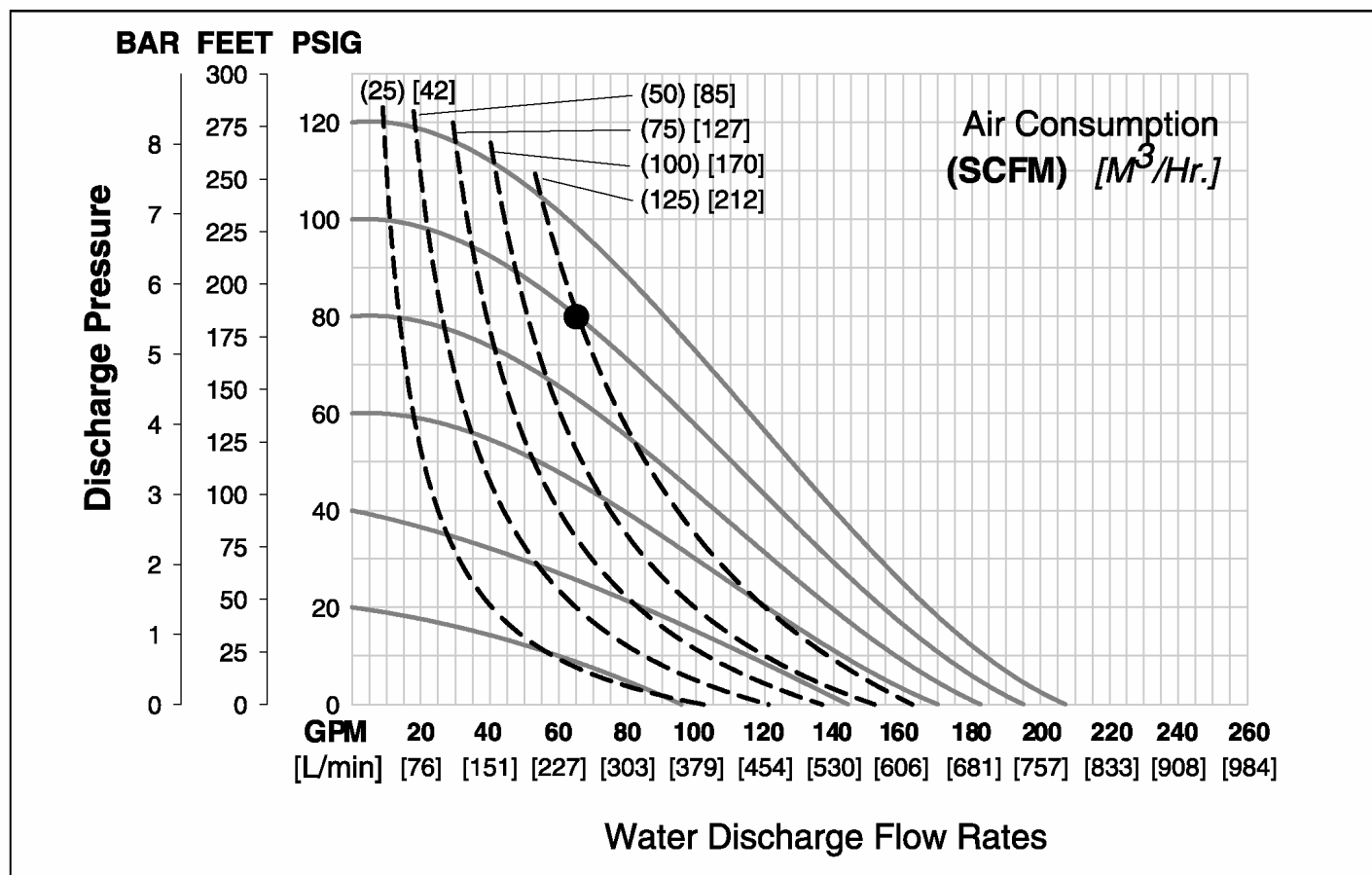
Max. Flow Rate.....784 lpm (207 gpm)

Max. Size Solids.....12.7 mm (½")

<sup>1</sup>Displacement per stroke was calculated at 4.8 Bar (70 psig) air inlet pressure against a 2 Bar (30 psig) head pressure.

**Example:** To pump 246 lpm (65 gpm) against a discharge pressure head of 5.5 Bar (80 psig) requires 6.9 Bar (100 psig) and 212.4 Nm<sup>3</sup>/h (125 scfm) air consumption. (See dot on chart.)

**Caution: Do not exceed 8.6 Bar (125 psig) air supply pressure.**



Flow rates indicated on chart were determined by pumping water.

For optimum life and performance, pumps should be specified so that daily operation parameters will fall in the center of the pump performance curve.