

# TECHNIQUES DES FLUIDES

10 Rue Jean Poulmarch, bat. 3

Z.I. Du Val d'Argent

95100 Argenteuil

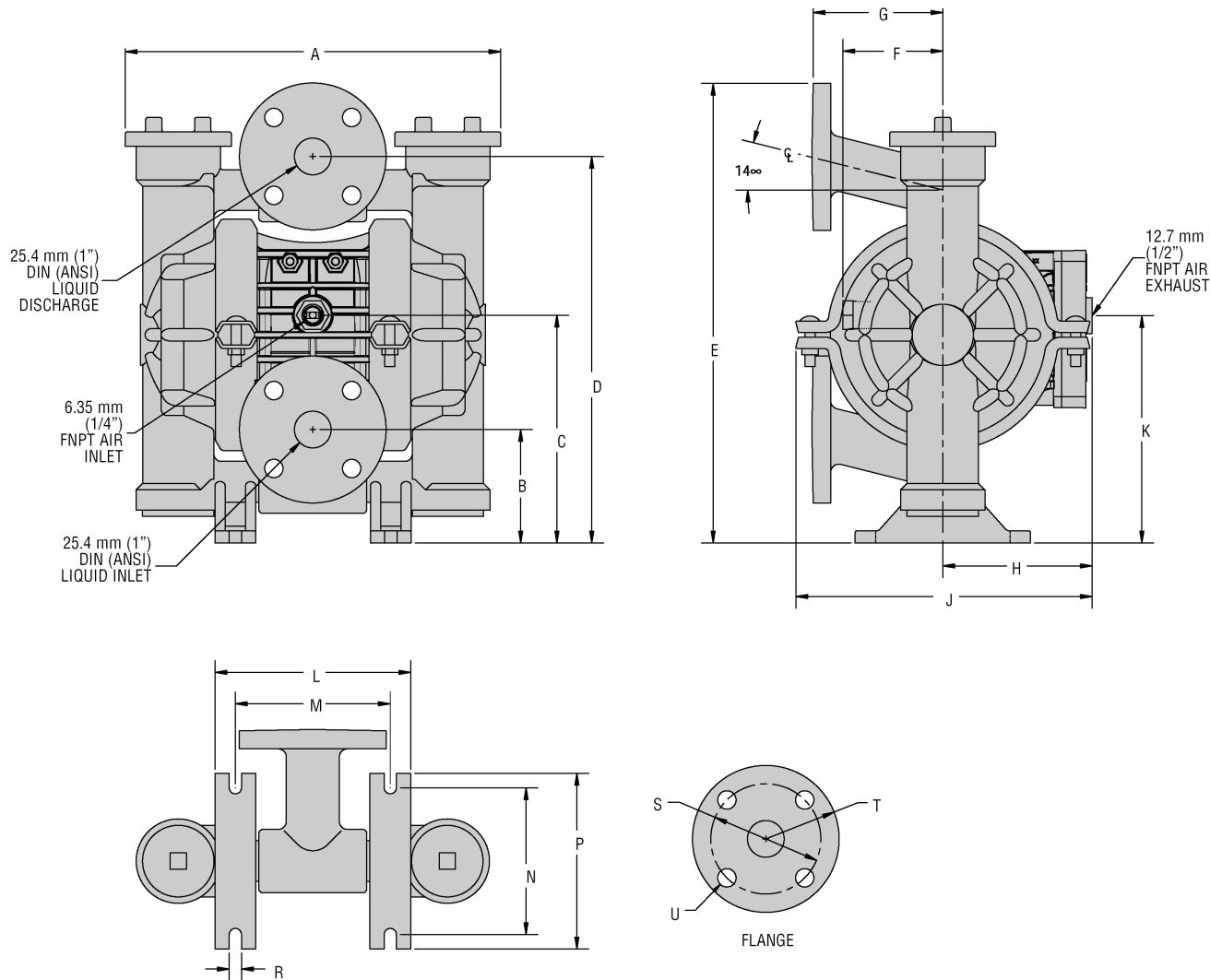
Tel. : 01.34.11.13.73 / Fax : 01.34.11.96.35

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## WILDEN MODEL P2R PLASTIC CHAMP



DIMENSIONS - P2R (PLASTIC)		
ITEM	METRIC (mm)	STANDARD (inch)
A	296	11.66
B	74	2.91
C	179	7.06
D	308	12.13
E	356	14.00
F	75	2.97
G	106	4.19
H	117	4.59
J	231	9.09
K	176	6.94
L	157	6.19
M	125	4.91
N	115	4.53
P	138	5.44
R	10	.38
	DIN	ANSI
S	85 DIA.	3.12 DIA.
T	115 DIA.	4.25 DIA.
U	14 DIA.	.62 DIA.

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## MODEL P2R PLASTIC RUBBER-FITTED

Height.....355.6 mm (14")  
 Width.....296.1 mm (11<sup>21</sup>/<sub>32</sub>"")  
 Depth.....231.0 mm (9<sup>3</sup>/<sub>32</sub>"")  
 Ship Weight ....Polypropylene 8.26 kg (18 lbs.)  
                                 PVDF 10.4 kg (23 lbs.)  
 Air Inlet .....6.35 mm (1/4")  
 Inlet .....2.54 mm (1")  
 Outlet.....2.54 mm (1")  
 Suction Lift .....5.5 m Dry (18')  
                                 8.84 m Wet (29')

Displacement per

Stroke ..... .31 l (.082 gal.)<sup>1</sup>

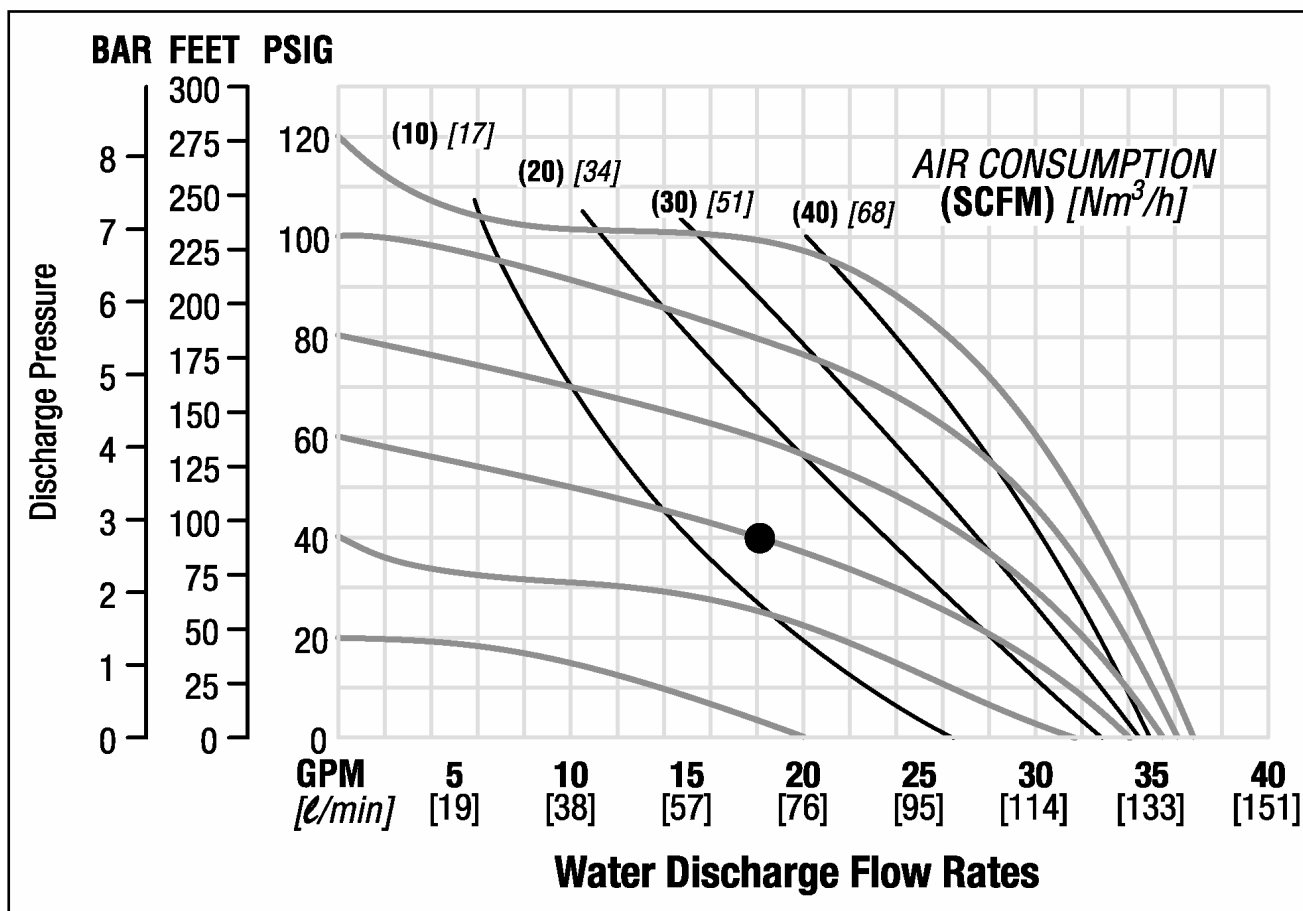
Max. Flow Rate.....140.06 lpm (37 gpm)

Max. Size Solids .....(3.18 mm (1/8"))

<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 68.1 lpm (18 gpm) against a discharge pressure head of 2.7 Bar (40 psig) requires 4.1 Bar (60 psig) and 21.9 Nm<sup>3</sup>/h (13 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.

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## MODEL P2R PLASTIC TPE-FITTED

Height.....355.6 mm (14")

Width.....296.1 mm (11<sup>21</sup>/<sub>32</sub>" )

Depth.....231.0 mm (9<sup>3</sup>/<sub>32</sub>" )

Ship Weight ....Polypropylene 8.26 kg (18 lbs.)

PVDF 10.4 kg (23 lbs.)

Air Inlet .....6.35 mm (1/4")

Inlet .....2.54 mm (1")

Outlet.....2.54 mm (1")

Suction Lift .....5.5 m Dry (18')

8.84 m Wet (29')

Displacement per

Stroke ..... .39 l (0.104 gal.)<sup>1</sup>

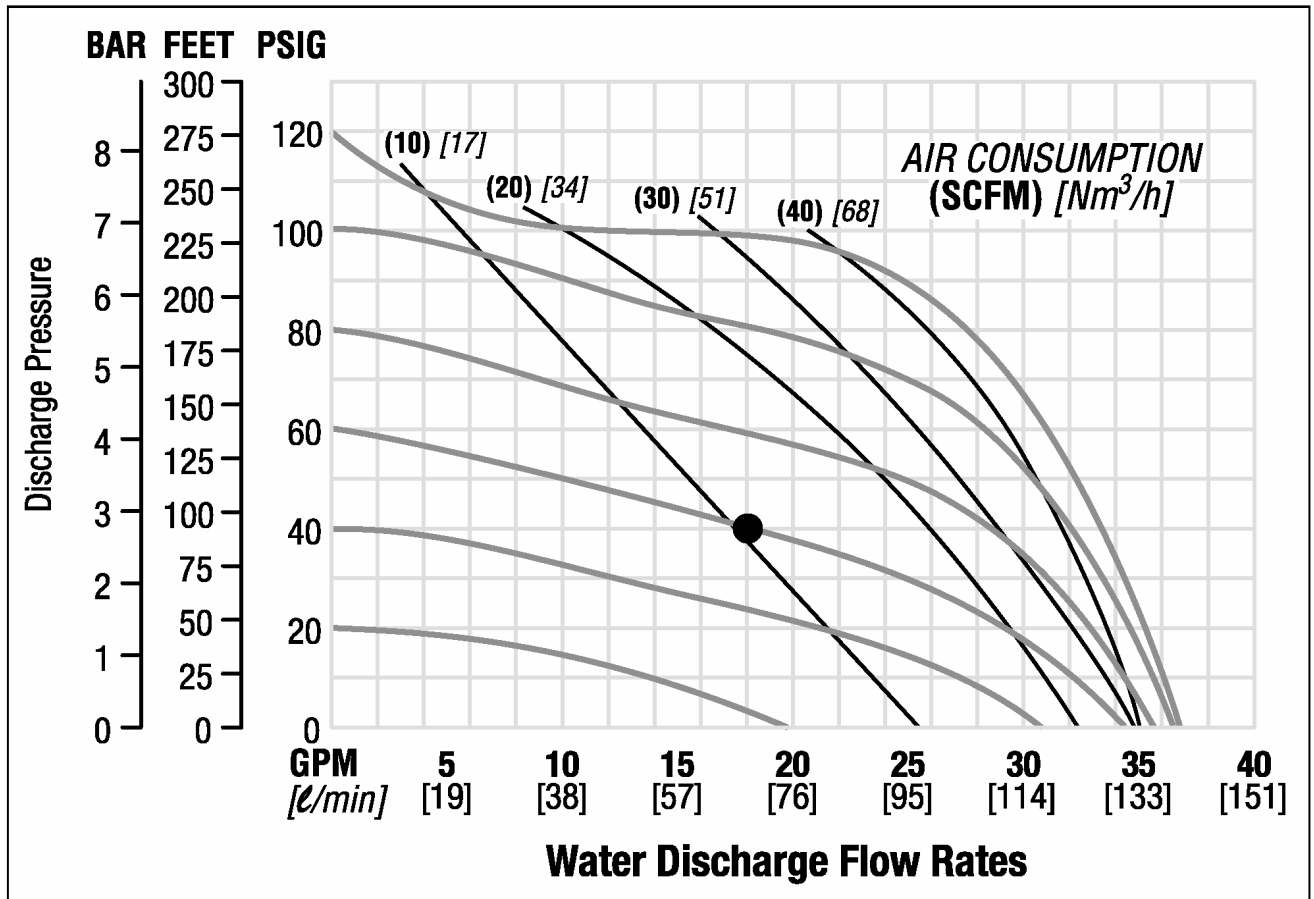
Max. Flow Rate.....140.06 lpm (37 gpm)

Max. Size Solids.....3.18 mm (1/8" )

<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 68.1 lpm (18 gpm) against a discharge pressure head of 2.7 Bar (40 psig) requires 4.1 Bar (60 psig) and 18.59 Nm<sup>3</sup>/h (11 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.

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## MODEL P2R PLASTIC TEFLON®-FITTED

Height.....355.6 mm (14")

Width.....296.1 mm (11<sup>21</sup>/<sub>32</sub>"

Depth.....231.0 mm (9<sup>3</sup>/<sub>32</sub>"

Ship Weight ....Polypropylene 8.26 kg (18 lbs.)

PVDF 10.4 kg (23 lbs.)

Air Inlet .....6.35 mm (1/4")

Inlet .....2.54 mm (1")

Outlet.....2.54 mm (1")

Suction Lift .....3.35 m Dry (11')

8.84 m Wet (29')

Displacement per

Stroke ..... .23 l (0.061 gal.)<sup>1</sup>

Max. Flow Rate.....132.49 lpm (35 gpm)

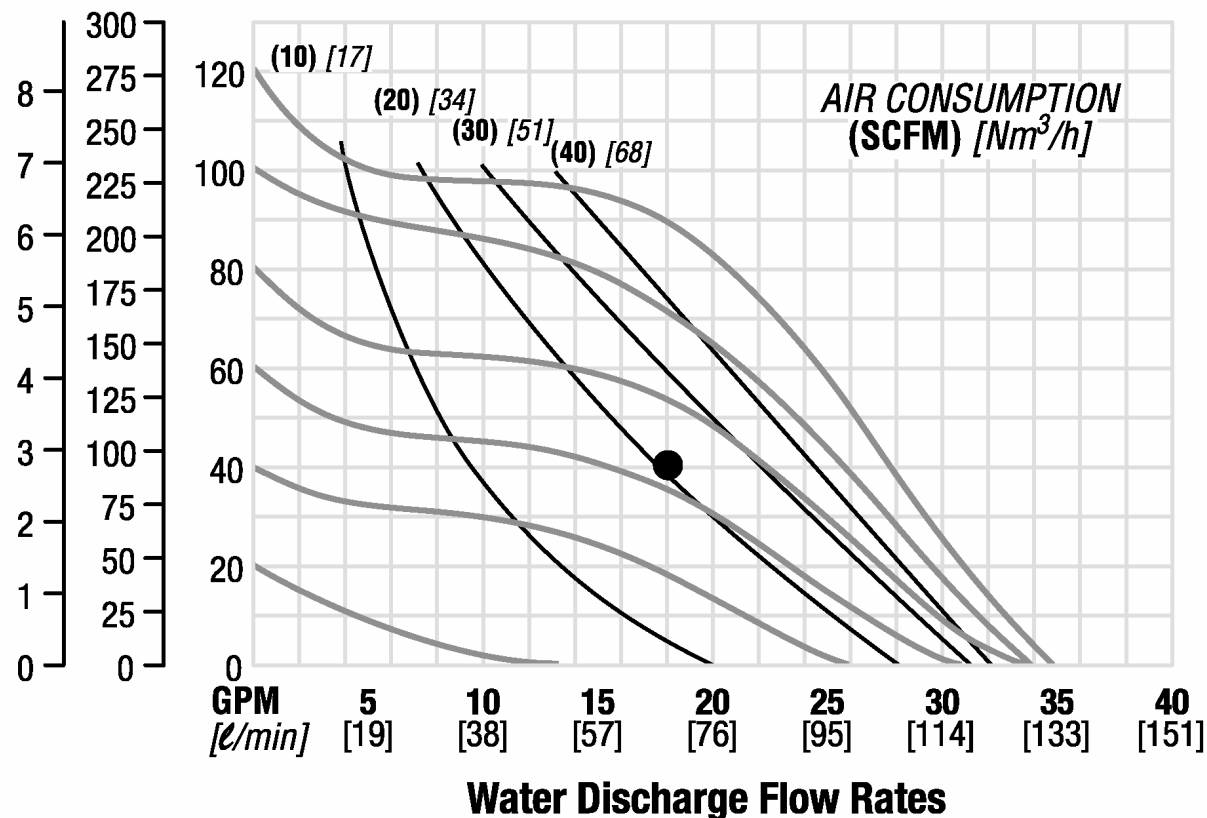
Max. Size Solids.....3.18 mm (1/8")

<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 68.1 lpm (18 gpm) against a discharge pressure head of 2.7 Bar (40 psig) requires 4.1 Bar (60 psig) and 37.18 Nm<sup>3</sup>/h (22 scfm) air consumption. (See dot on chart.)

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

BAR FEET PSIG



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.