

TECHNIQUES DES FLUIDES

10 Rue Jean Poulmarch, bat. 3

Z.I. Du Val d'Argent

95100 Argenteuil

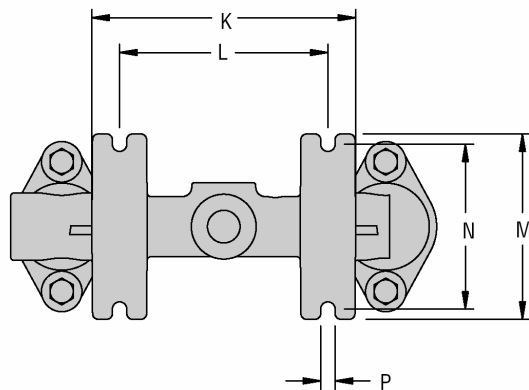
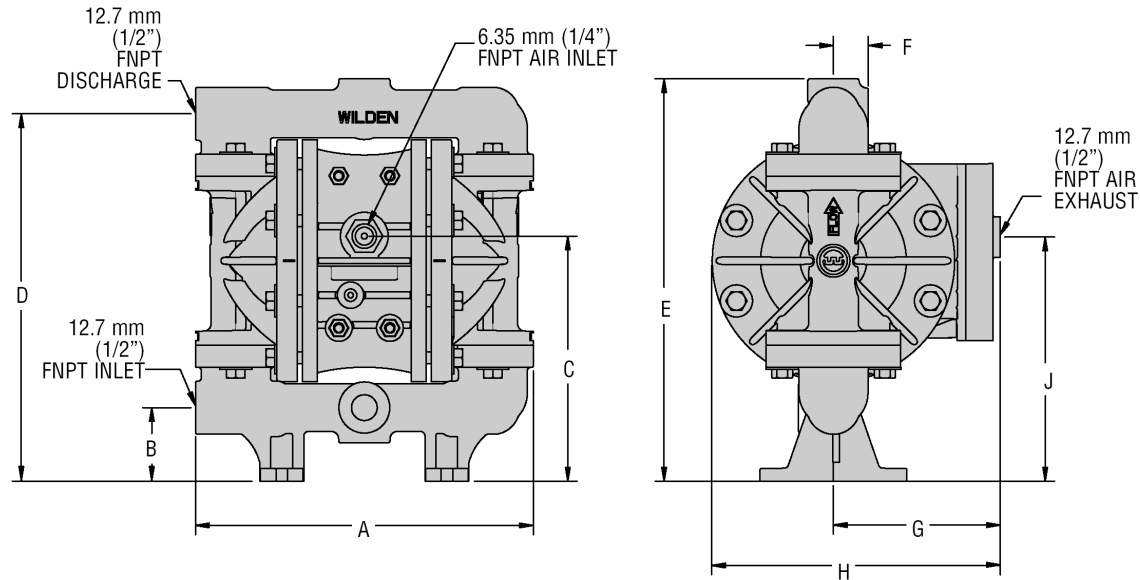
Tel. : 01.34.11.13.73 / Fax : 01.34.11.96.35

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WILDEN MODEL P100 ADVANCED™ PLASTIC



DIMENSIONS – P100 ADVANCED™ PLASTIC		
ITEM	METRIC (mm)	STANDARD (inch)
A	234	9.20
B	51	2.00
C	171	6.73
D	255	10.02
E	279	10.98
F	24	0.95
G	115	4.54
H	200	7.87
J	169	6.65
K	145	5.70
L	114	4.50
M	102	4.00
N	90	3.56
P	8	0.31

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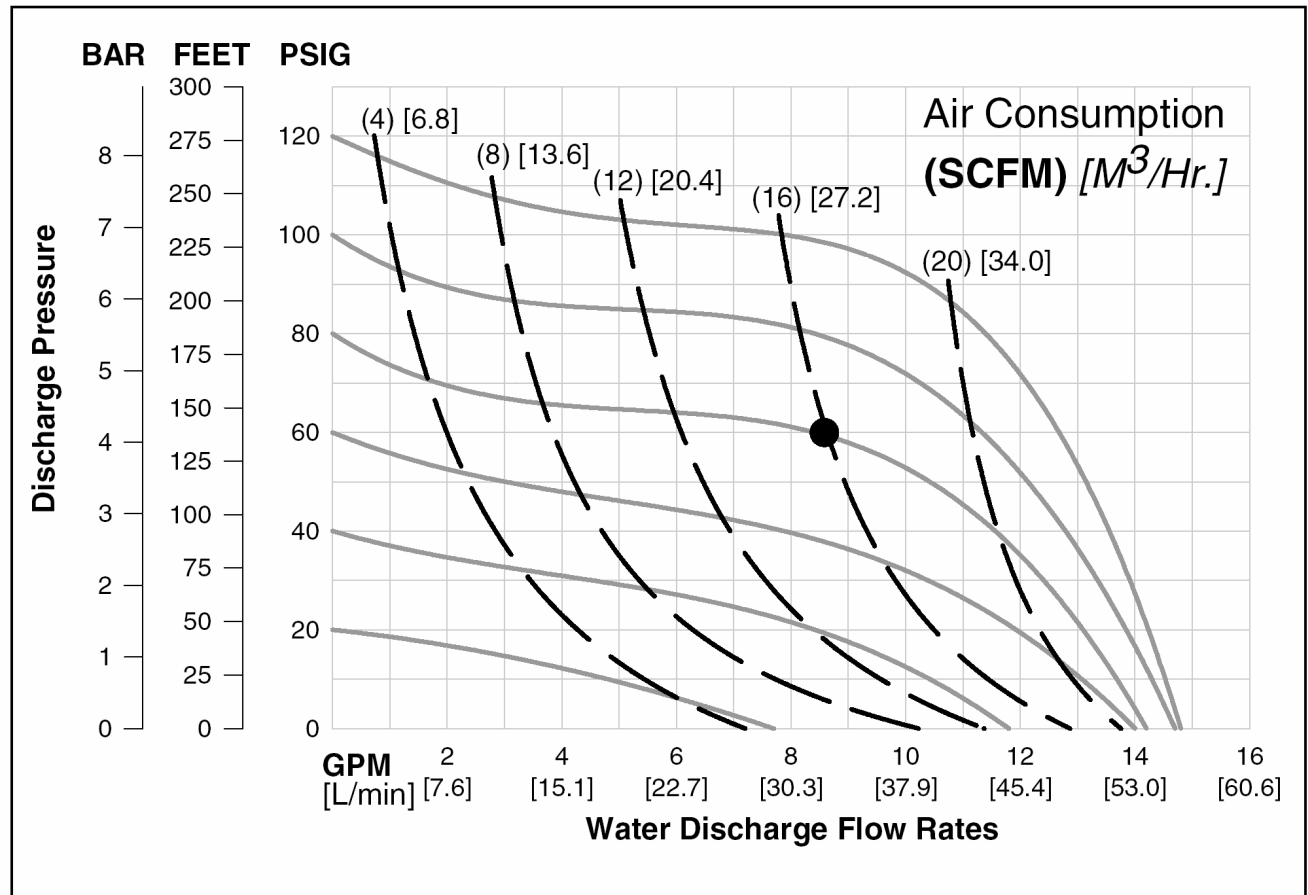
MODEL P100 ADVANCED™ PLASTIC RUBBER-FITTED

Height.....279 mm (10.98")
Width234 mm (9.20")
Depth.....200 mm (7.87")
Ship Weight ...Polypropylene 3.67 kg (8.1 lbs.)
PVDF 4.63 kg (10.2 lbs.)
Air Inlet6.35 mm (1/4")
Inlet.....12.7 mm (1/2")
Outlet12.7 mm (1/2")
Suction Lift5.18 m Dry (17.0')
8.66 m Wet (28.4')

Displacement per
Stroke10 l (.027 gal.)¹
Max. Flow Rate.....56 lpm (14.8 gpm)
Max. Size Solids.....1.59 mm (1/16")
¹Displacement per stroke was calculated at 4.8 Bar (70 psig) air inlet pressure against a 2 Bar (30 psig) head pressure.

Example: To pump 32.9 lpm (8.7 gpm) against a discharge head pressure of 4.1 Bar (60 psig) requires 5.5 Bar (80 psig) and 27.2 Nm³/h (16 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 P100 ADVANCED™ PLASTIC TPE-FITTED

Height.....279 mm (10.98")

Width234 mm (9.20")

Depth.....200 mm (7.87")

Ship Weight ...Polypropylene 3.67 kg (8.1 lbs.)

PVDF 4.63 kg (10.2 lbs.)

Air Inlet6.35 mm (¼")

Inlet.....12.7 mm (½")

Outlet12.7 mm (½")

Suction Lift5.53 m Dry (18.1')

8.66 m Wet (28.4')

Displacement per

Stroke11 l (.029 gal.)¹

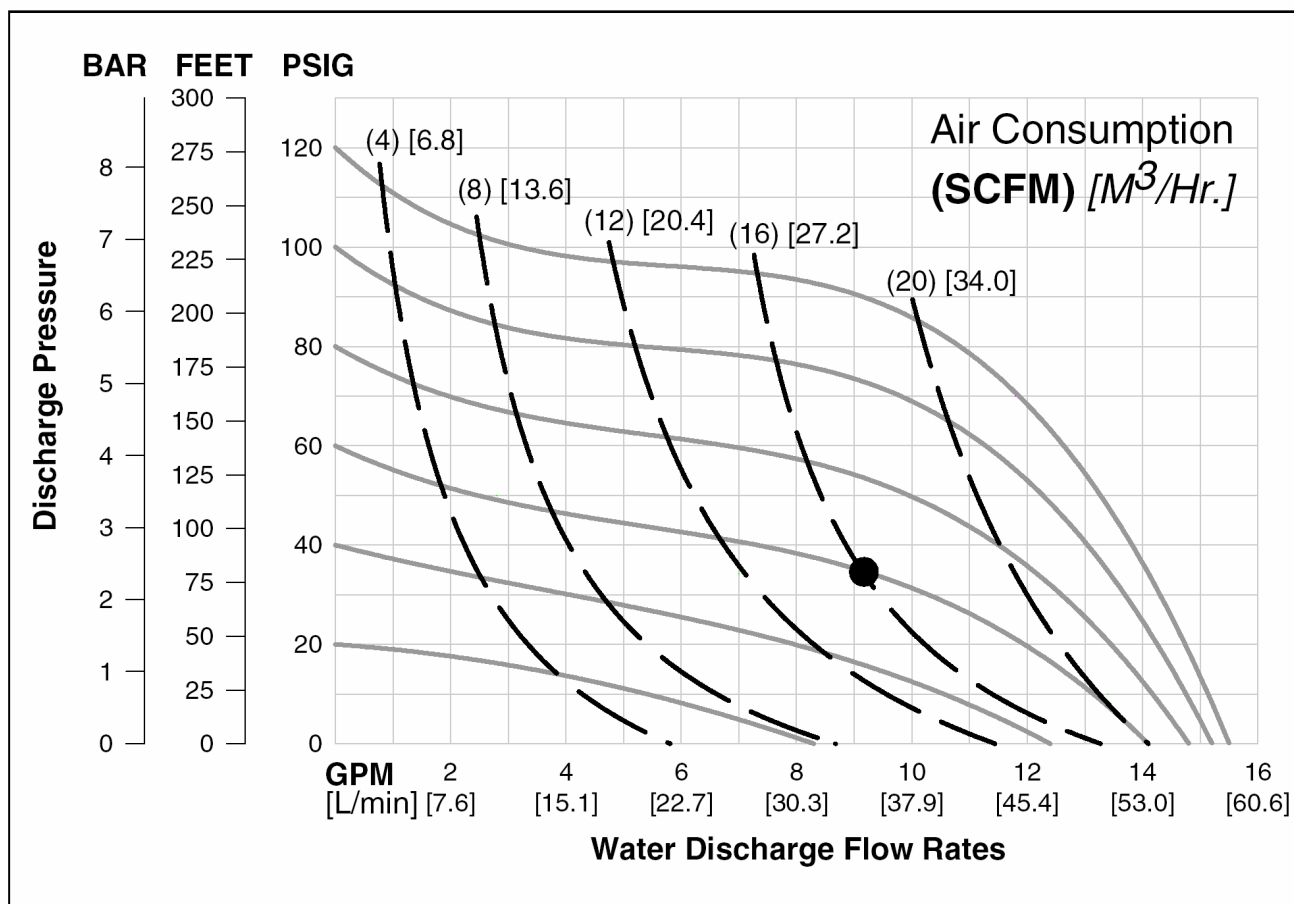
Max. Flow Rate.....59 lpm (15.5 gpm)

Max. Size Solids.....1.59 mm (1/16")

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

Example: To pump 34.8 lpm (9.2 gpm) against a discharge head pressure of 2.4 Bar (35 psig) requires 4.1 Bar (60 psig) and 27.2 Nm³/h (16 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 P100 PLASTIC ADVANCED™ TEFLON®-FITTED

Height.....279 mm (10.98")
Width234 mm (9.20")
Depth.....200 mm (7.87")
Ship Weight ...Polypropylene 3.67 kg (8.1 lbs.)
PVDF 4.63 kg (10.2 lbs.)
Air Inlet6.35 mm (¼")
Inlet.....12.7 mm (½")
Outlet12.7 mm (½")
Suction Lift4.49 m Dry (14.7')
9.33 m Wet (30.6')

Displacement per

Stroke10 l (.027 gal.)¹

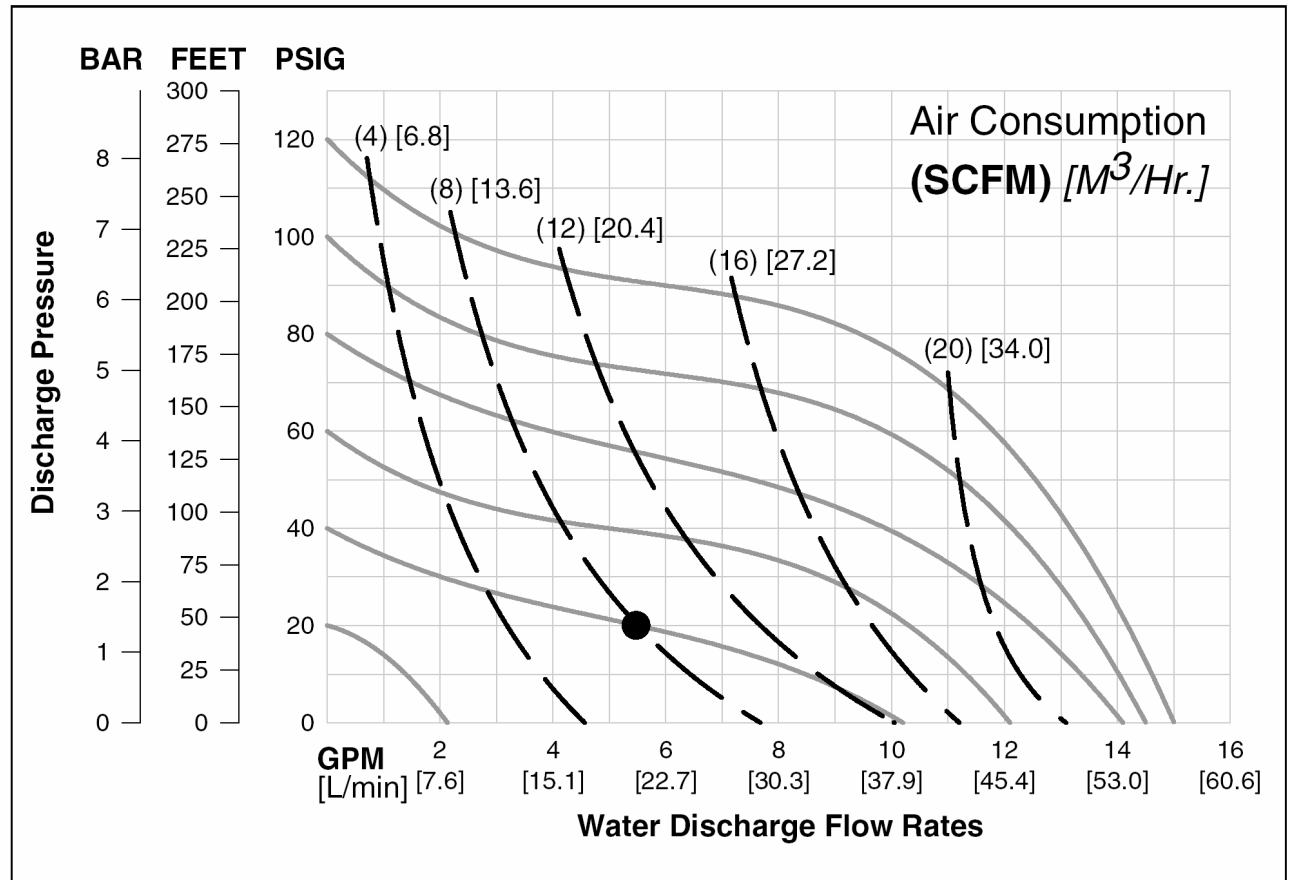
Max. Flow Rate.....57 lpm (15.0 gpm)

Max. Size Solids.....1.59 mm (1/16")

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

Example: To pump 20.8 lpm (5.5 gpm) against a discharge head pressure of 1.4 Bar (20 psig) requires 2.8 Bar (40 psig) and 13.6 Nm³/h (8 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.