

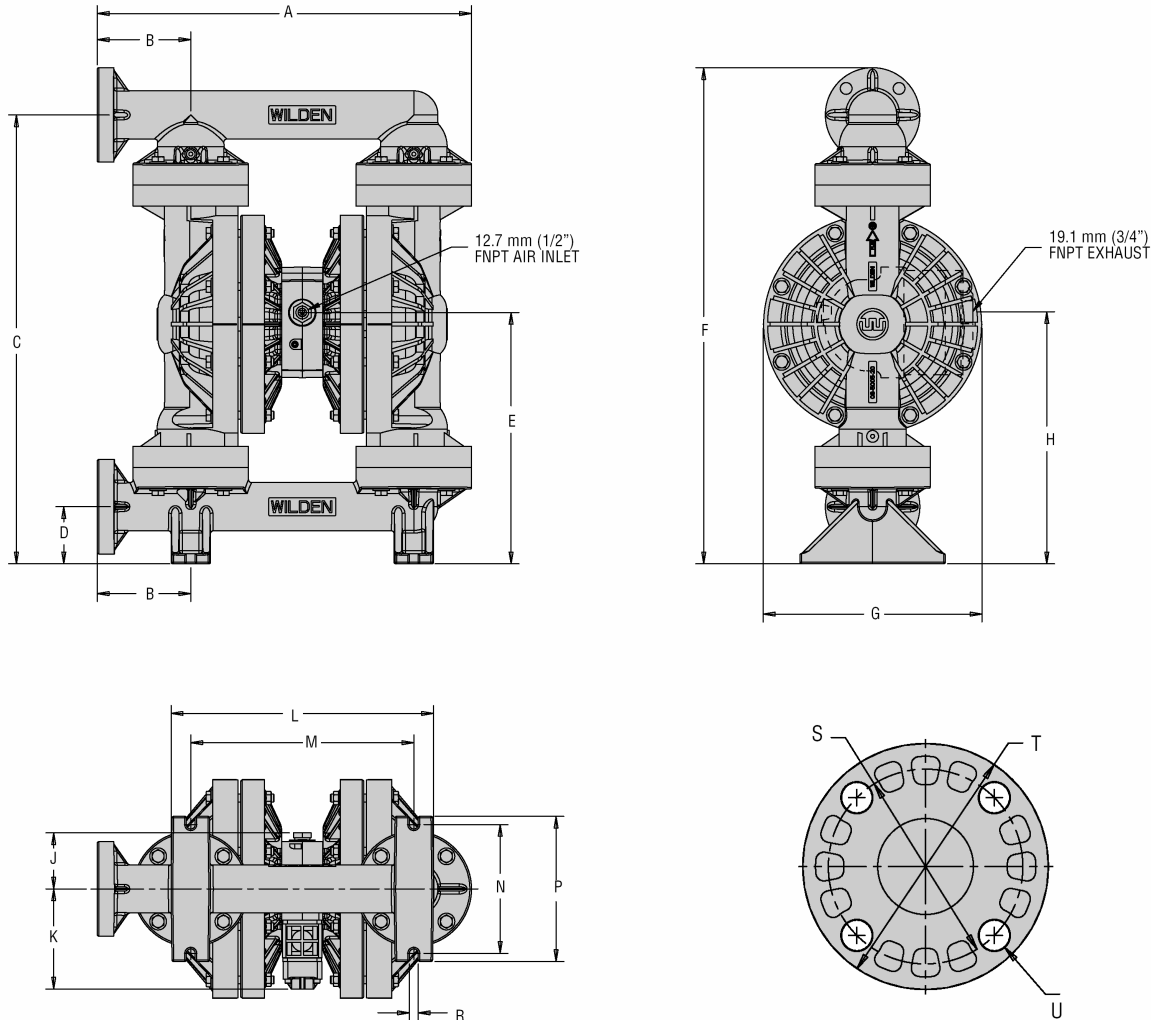
TECHNIQUES DES FLUIDES

10 Rue Jean Poulmarch, bat. 3
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WILDEN MODEL P800 ADVANCED™ PLASTIC



DIMENSIONS – P800 ADVANCED™ PLASTIC		
ITEM	METRIC (mm)	STANDARD (inch)
A	604	23.77
B	151	5.94
C	728	28.66
D	92	3.63
E	402	15.81
F	804	31.66
G	353	13.90
H	403	16.66
J	83	3.25
K	123	4.84
L	423	16.66
M	360	14.16
N	208	8.18
P	234	9.22
R	14	.56
	DIN (mm)	ANSI (inch)
S	125 DIA.	4.75 DIA.
T	165 DIA.	6.00 DIA.
U	18 DIA.	.78 DIA.

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MODEL P800 ADVANCED™ PLASTIC PTFE-FITTED

Height.....804 mm (31.66")

Width.....604 mm (23.77")

Depth.....353 mm (13.90")

Ship Weight

.....Polypropylene 31.7 kg (69.8 lbs.)

.....PVDF 44.7 kg (98.5 lbs.)

Air Inlet12.7 mm (½")

Inlet50.8 mm (2")

Outlet.....50.8 mm (2")

Suction Lift4.15 m Dry (13.62')

8.65 m Wet (28.4')

Displacement per

Stroke 1.73 l (.457 gal.)¹

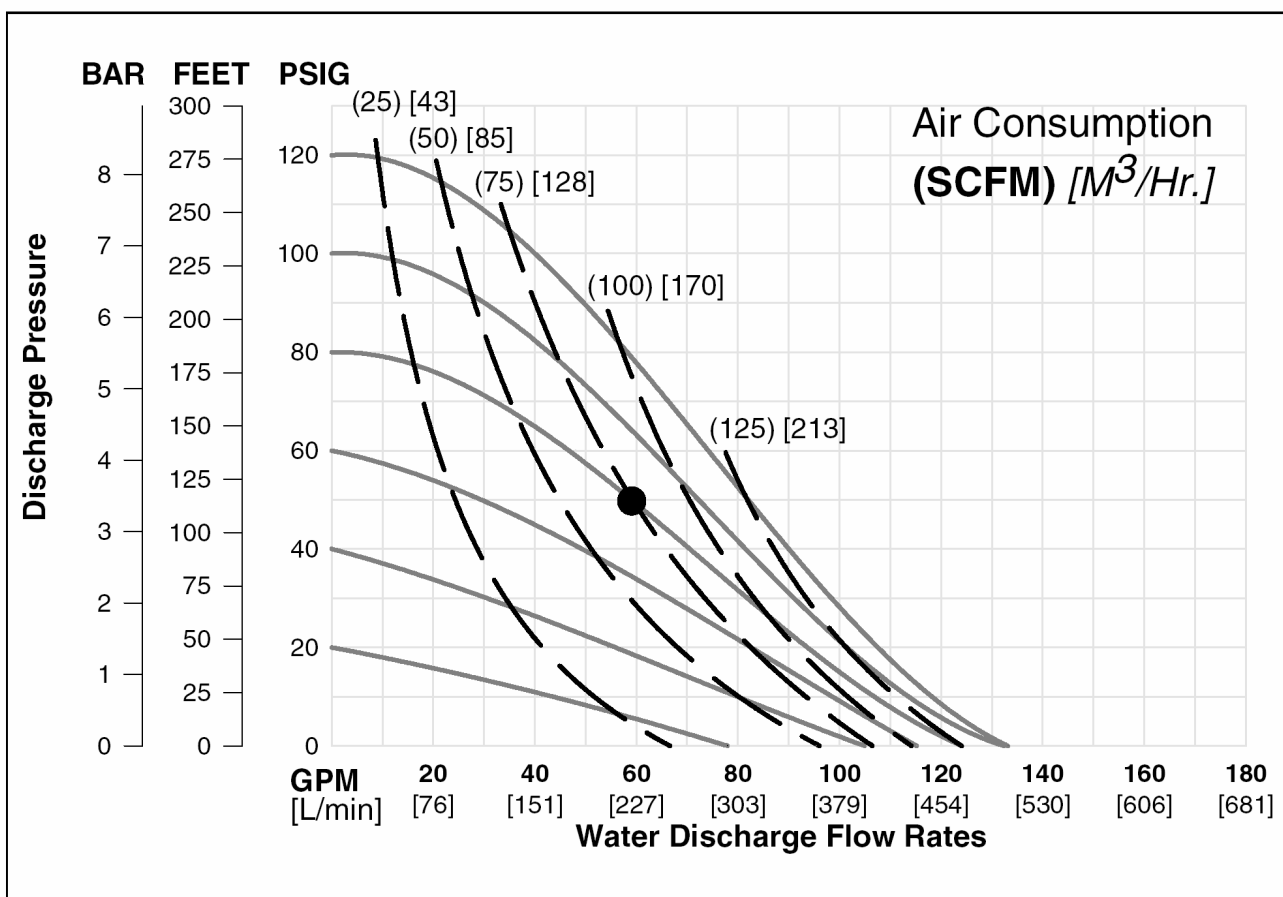
Max. Flow Rate.....504 lpm (133.2 gpm)

Max. Size Solids.....6.35 mm (¼")

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 219.6 lpm (58 gpm) against a discharge head pressure of 3.4 Bar (50 psig) requires 5.5 Bar (80 psig) and 128 m³/h (75 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 P800 ADVANCED™ PLASTIC TPE-FITTED

Height.....804 mm (31.66")

Width.....604 mm (23.77")

Depth.....353 mm (13.90")

Ship Weight

.....Polypropylene 31.7 kg (69.8 lbs.)

.....PVDF 44.7 kg (98.5 lbs.)

Air Inlet12.7 mm (½")

Inlet50.8 mm (2")

Outlet.....50.8 mm (2")

Suction Lift5.54 m Dry (18.16')

5.19 m Wet (17.0')

Displacement per

Stroke 2.78 l (.735 gal.)¹

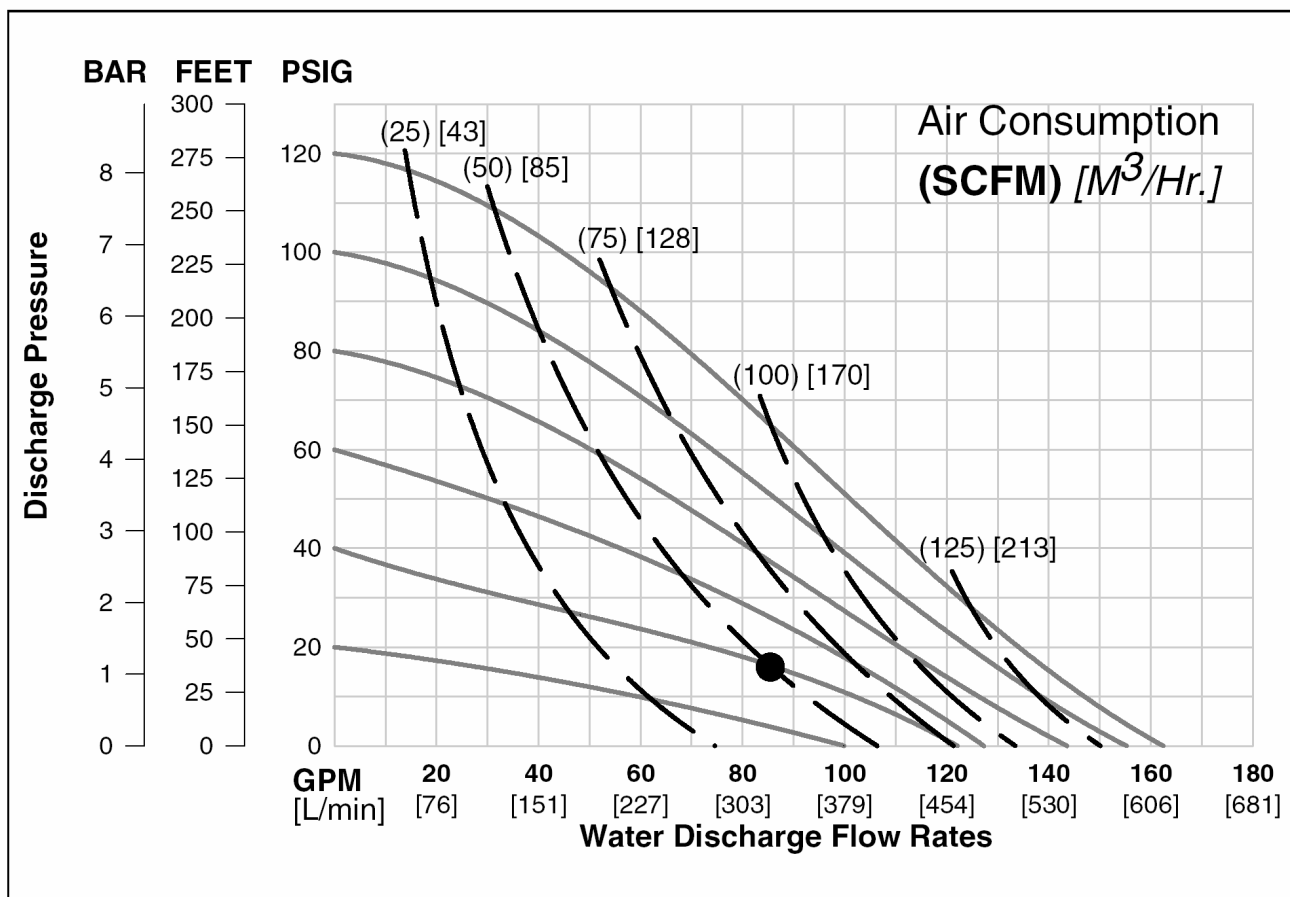
Max. Flow Rate.....615 lpm (162.4 gpm)

Max. Size Solids.....6.35 mm (¼")

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 321.8 lpm (85 gpm) against a discharge head pressure of 1.2 Bar (17 psig) requires 2.8 Bar (40 psig) and 85 m³/h (50 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.