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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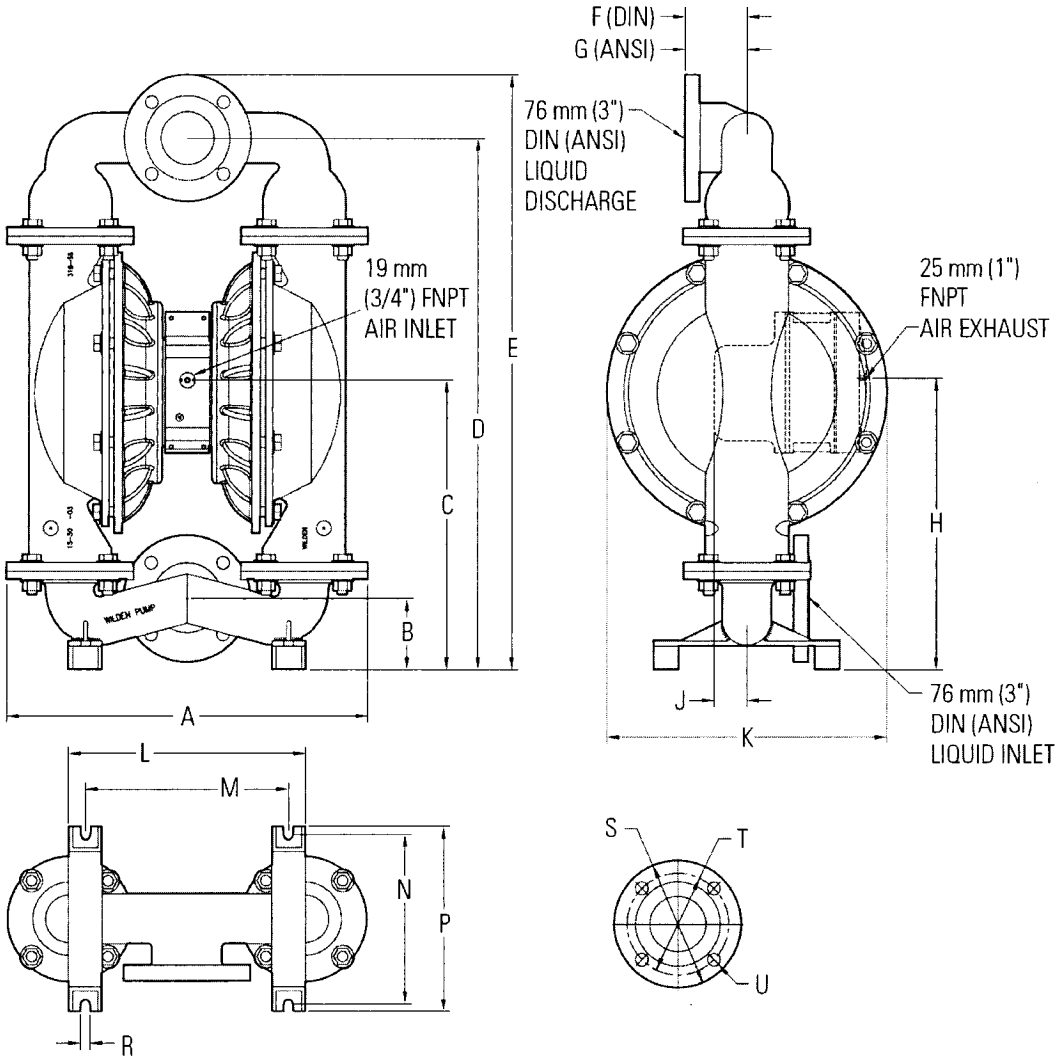
PV1500 Stainless Steel/Alloy C



DIMENSIONS

ITEM	METRIC (mm)	STANDARD (inch)
A	541	21.6
B	107	4.2
C	434	17.1
D	798	31.4
E	894	35.2
F	89	3.5
G	91	3.6
H	437	17.2
J	48	1.9
K	419	16.5
L	356	14.0
M	305	12.0
N	257	10.1
P	279	11.0
R	15	0.6
	DIN (mm)	**ANSI (inch)**
S	200 DIA.	7.5 DIA.
T	160 DIA.	6.0 DIA.
U	18 DIA.	0.8 DIA.

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PV1500 STAINLESS STEEL TEFLON®-FITTED

Height ..... 894 mm (35.2")
Width ..... 541 mm (21.3")
Depth ..... 422 mm (16.6")
Ship Weight .....
316 Stainless Steel 120 kg (264 lbs.)
Alloy C 125 kg (276 lbs.)
Air Inlet ..... 19 mm (3/4")
Inlet ..... 76 mm (3")
Outlet ..... 76 mm (3")
Suction Lift ..... 5.0 m Dry (16.5')
9.5 m Wet (31.2')
Displacement/Stroke .... 3.48 L (0.92 gal.)[1]
Max. Flow Rate ..... 704 lpm (186 gpm)
Max. Size Solids ..... 9.5 mm (3/8")

[1]Displacement per stroke was calculated at 4.8 bar (70 psig) air inlet pressure against a 2.1 bar (30 psig) head pressure.

Example: To pump 151 lpm (40 gpm) against a discharge pressure head of 3.5 bar (51 psig) requires 4.1 bar (60 psig) and 68 Nm³/h (40 scfm) air consumption.

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

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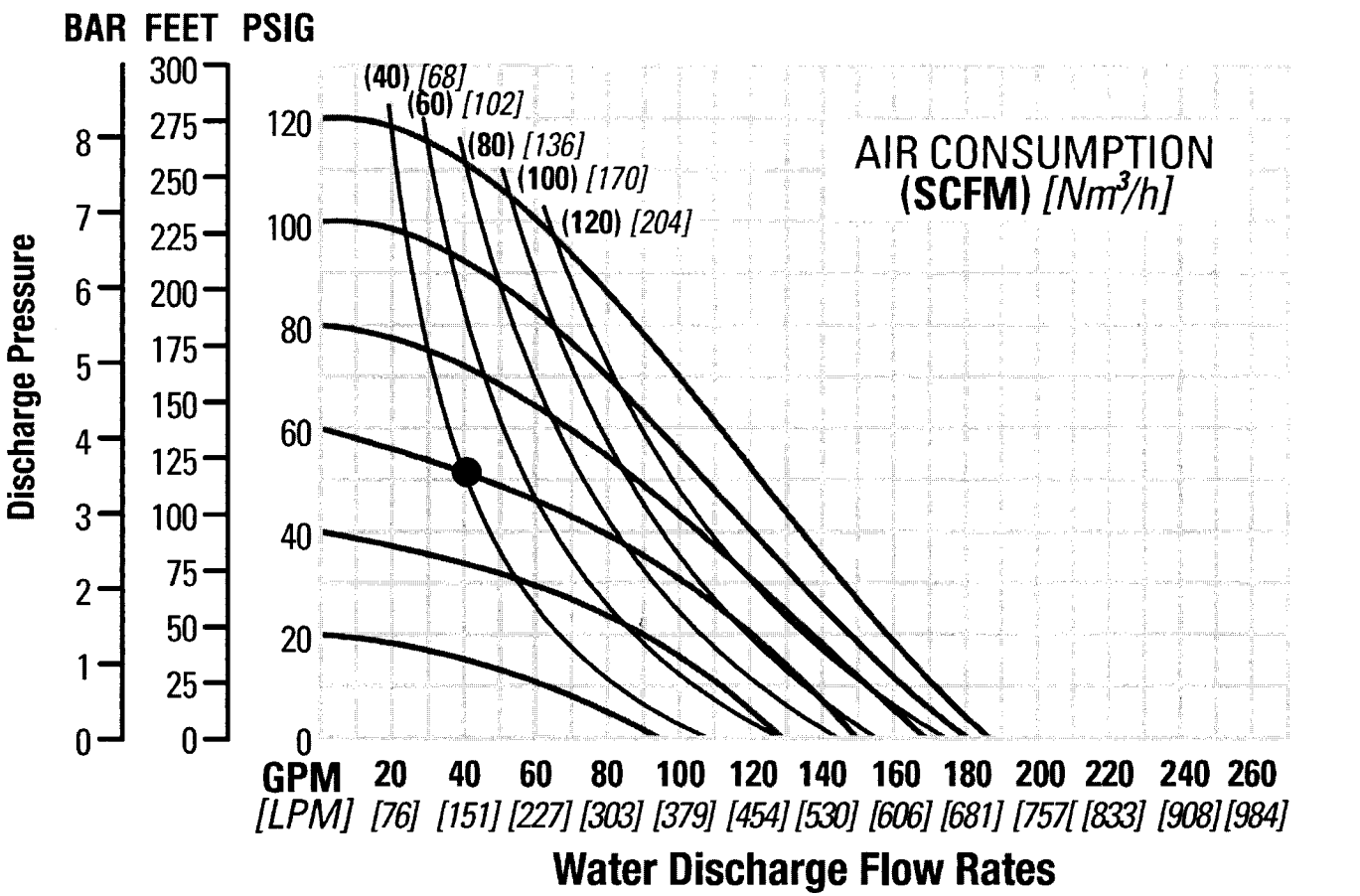

Flow rates indicated on chart were determined by pumping water.

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

TECHNIQUES DES FLUIDES

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PV1500 STAINLESS STEEL RUBBER-FITTED

Height ..... 894 mm (35.2")
Width ..... 541 mm (21.3")
Depth ..... 422 mm (16.6")
Ship Weight .....
316 Stainless Steel 120 kg (264 lbs.)
Alloy C 125 kg (276 lbs.)
Air Inlet ..... 19 mm (3/4")
Inlet ..... 76 mm (3")
Outlet ..... 76 mm (3")
Suction Lift ..... 6.6 m Dry (21.6')
9.5 m Wet (31.2')
Displacement/Stroke ..... 5.53 L (1.46 gal.)[1]
Max. Flow Rate ..... 908 lpm (240 gpm)
Max. Size Solids ..... 9.5 mm (3/8")

[1]Displacement per stroke was calculated at 4.8 bar (70 psig) air inlet pressure against a 2.1 bar (30 psig) head pressure.

Example: To pump 454 lpm (120 gpm) against a discharge pressure head of 3.6 bar (52 psig) requires 5.5 bar (80 psig) and 170 Nm^3/h (100 scfm) air consumption.

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

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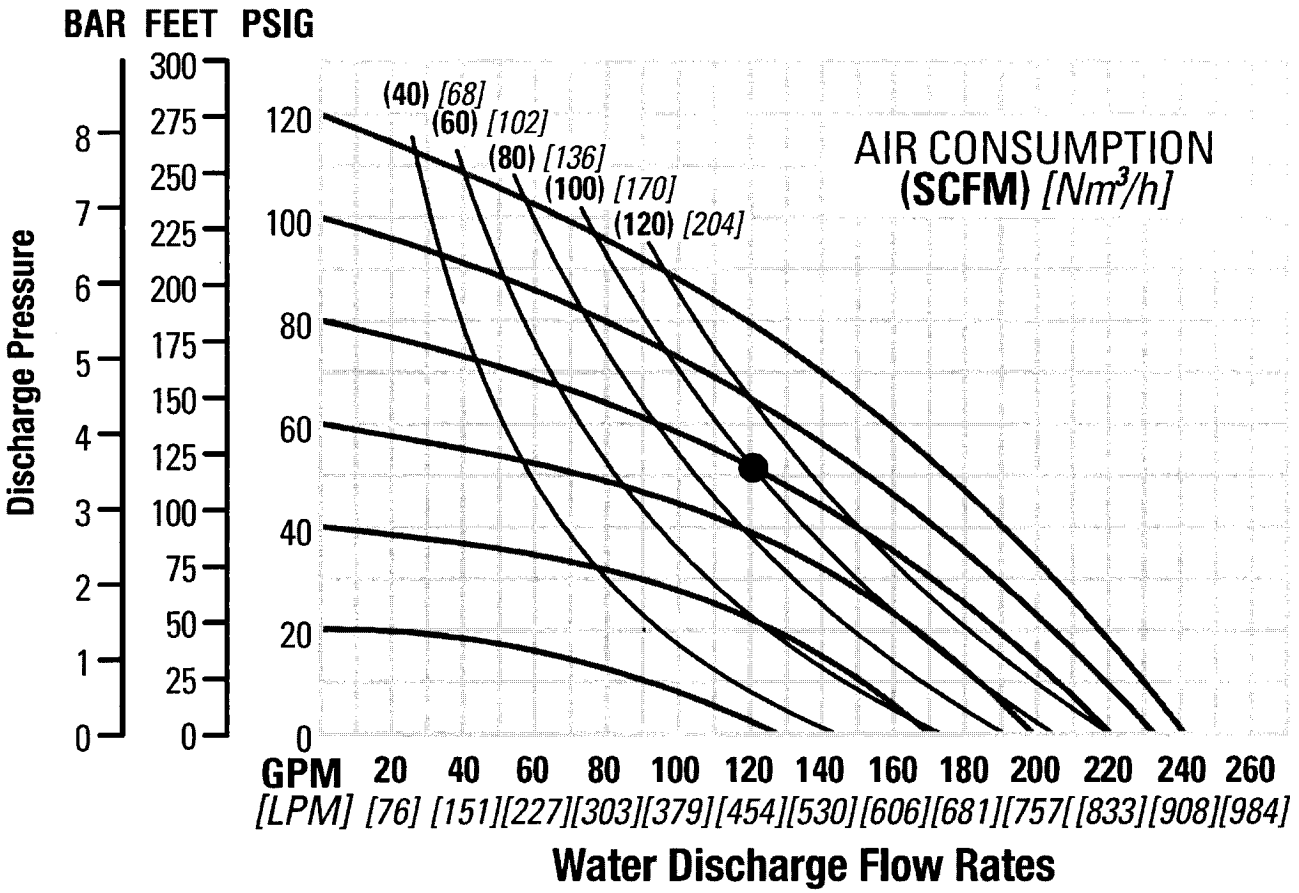

Flow rates indicated on chart were determined by pumping water.

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TECHNIQUES DES FLUIDES

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PV1500 STAINLESS STEEL TPE-FITTED

Height	894 mm (35.2")
Width	541 mm (21.3")
Depth	422 mm (16.6")
Ship Weight	
316 Stainless Steel	120 kg (264 lbs.)
Alloy C	125 kg (276 lbs.)
Air Inlet	19 mm (3/4")
Inlet	76 mm (3")
Outlet	76 mm (3")
Suction Lift	7.6 m Dry (25.0')
	9.5 m Wet (31.2')
Displacement/Stroke	5.72 L (1.51 gal.)[1]
Max. Flow Rate	905 lpm (239 gpm)
Max. Size Solids	9.5 mm (3/8")

[1]Displacement per stroke was calculated at 4.8 bar (70 psig) air inlet pressure against a 2.1 bar (30 psig) head pressure.

Example: To pump 454 lpm (120 gpm) against a discharge pressure head of 2.6 bar (38 psig) requires 4.1 bar (60 psig) and 136 Nm^3/h (80 scfm) air consumption.

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

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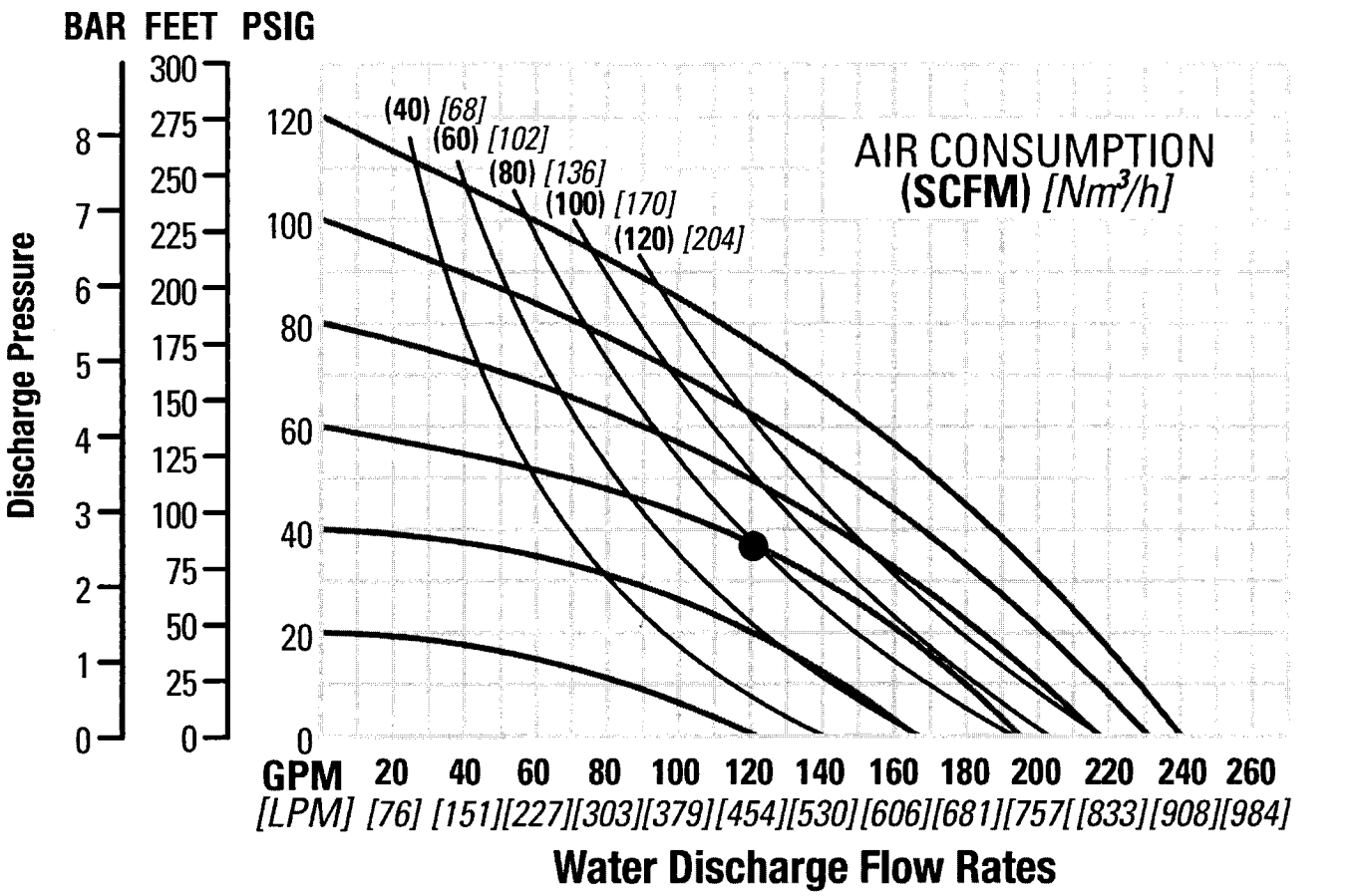

Flow rates indicated on chart were determined by pumping water.

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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PV1500 STAINLESS STEEL ULTRA-FLEX™-FITTED

Height ..... 894 mm (35.2")
Width ..... 541 mm (21.3")
Depth ..... 422 mm (16.6")
Ship Weight .....
316 Stainless Steel 120 kg (264 lbs.)
Alloy C 125 kg (276 lbs.)
Air Inlet ..... 19 mm (3/4")
Inlet ..... 76 mm (3")
Outlet ..... 76 mm (3")
Suction Lift ..... 6.1 m Dry (19.9')
9.5 m Wet (31.2')
Displacement/Stroke ..... 4.69 L (1.24 gal.)[1]
Max. Flow Rate ..... 856 lpm (226 gpm)
Max. Size Solids ..... 9.5 mm (3/8")

[1]Displacement per stroke was calculated at 4.8 bar (70 psig) air inlet pressure against a 2.1 bar (30 psig) head pressure.

Example: To pump 303 lpm (80 gpm) against a discharge pressure head of 4.3 bar (62 psig) requires 5.5 bar (80 psig) and 136 Nm^3/h (80 scfm) air consumption.

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

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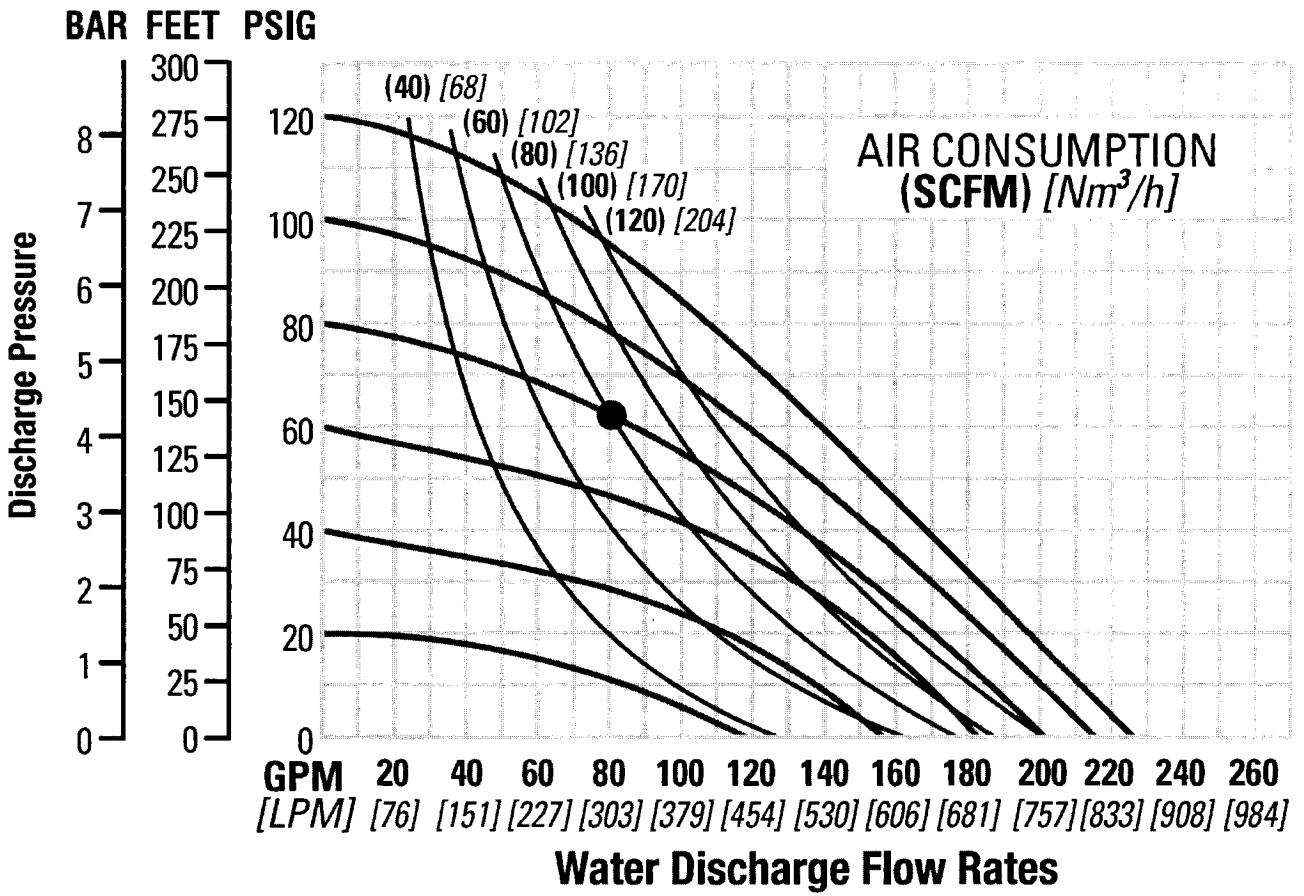

Flow rates indicated on chart were determined by pumping water.

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