

TECHNIQUES DES FLUIDES

10 Rue Jean Poulmarch, bat. 3

Z.I. Du Val d'Argent

95100 Argenteuil

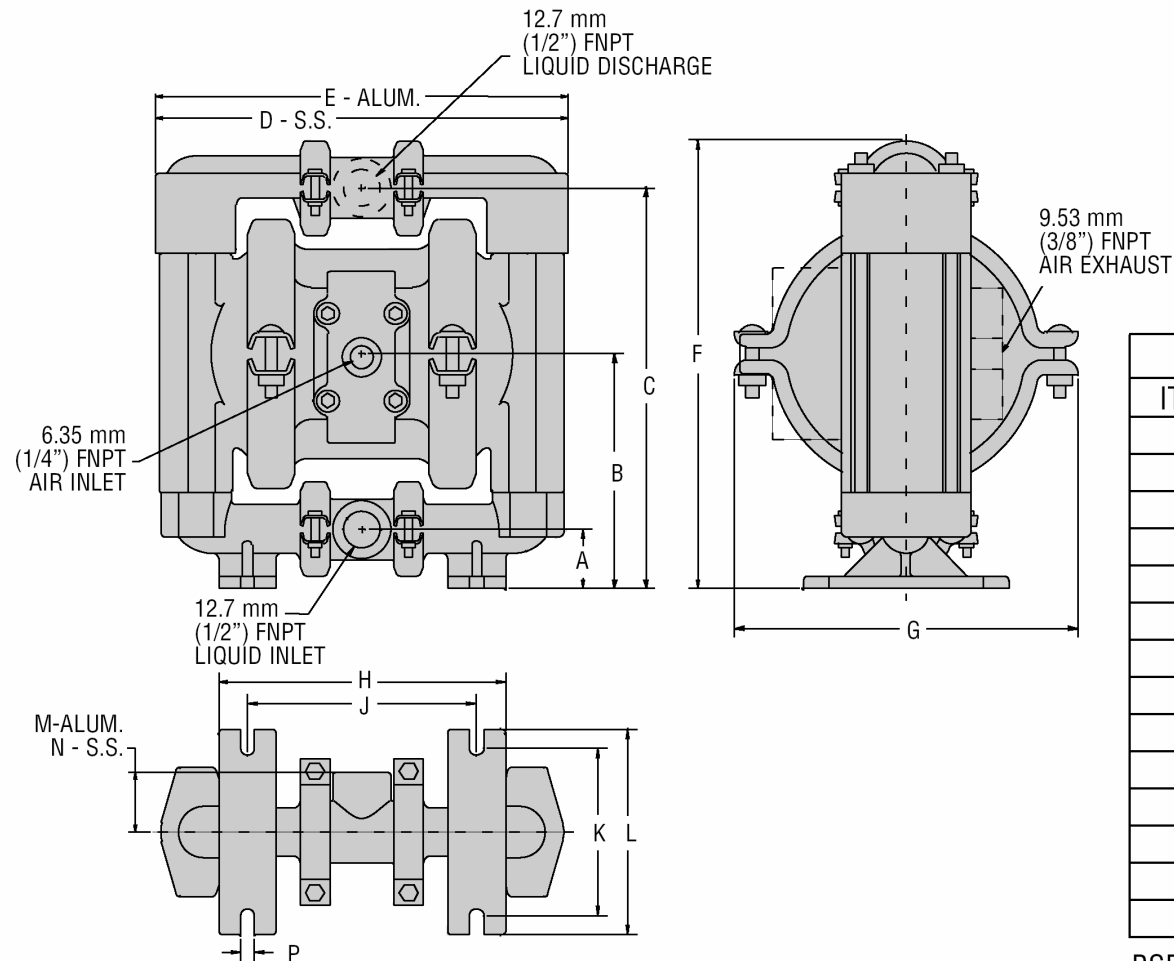
Tel. : 01.34.11.13.73 / Fax : 01.34.11.96.35

E-mail : tdf@techniquesfluides.fr

Site web : www.techniquesfluides.fr



WILDEN MODEL T1 METAL



DIMENSIONS - T1 (METAL)		
ITEM	METRIC (mm)	STANDARD (inch)
A	28.6	1.12
B	115.9	4.56
C	198.5	7.81
D	203.2	8
E	207.2	8.15
F	222.3	8.75
G	174.6	6.87
H	139.7	5.50
J	111.9	4.40
K	82.6	3.25
L	101.6	4
M	30.2	1.18
N	30.2	1.18
P	7.1	.28

BSP threads available for liquid inlet and discharge.

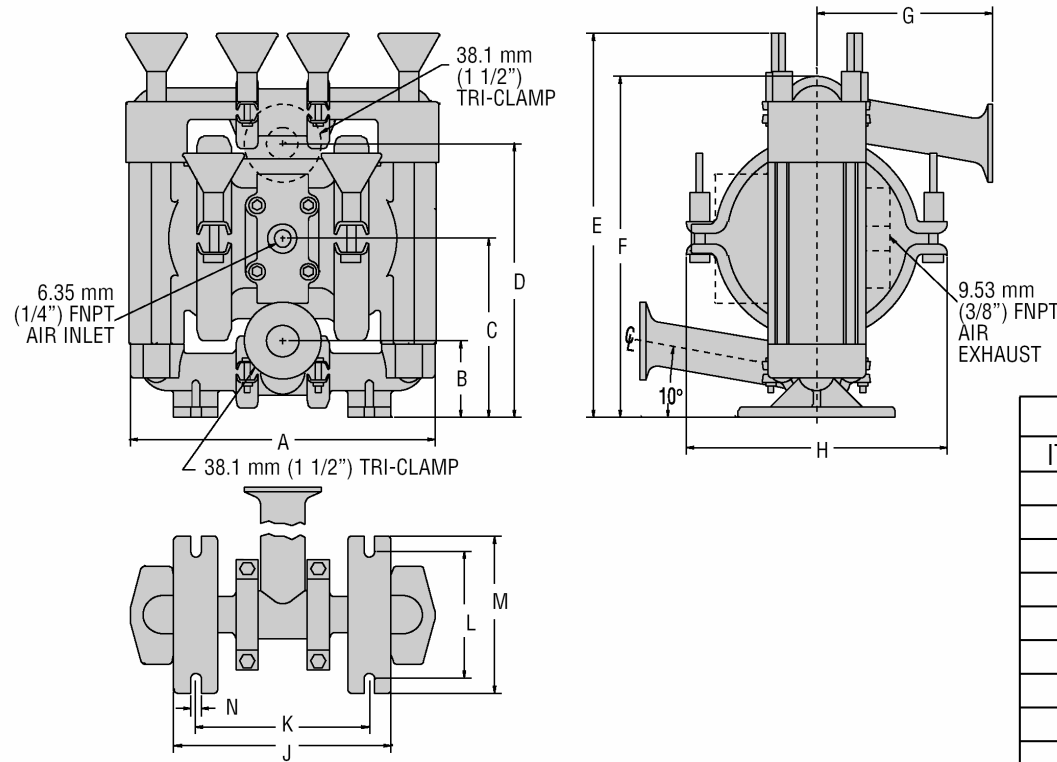
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WILDEN MODEL T1 METAL SANIFLO^{FDA}



DIMENSIONS – T1 (SANIFLO ^{FDA})		
ITEM	METRIC (mm)	STANDARD (inch)
A	204.0	8.03
B	48.4	1.90
C	118.3	4.65
D	174.6	6.87
E	254.8	10.03
F	222.3	8.75
G	115.1	4.53
H	173.0	6.81
J	142.9	5.62
K	113.5	4.46
L	82.6	3.25
M	101.6	4
N	7.1	.28

Interior/Exterior Food Processing finish is 50 GRIT.

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MODEL T1 METAL RUBBER-FITTED

Height219.1 mm (8⁵/₈"
 Width207.8 mm (8³/₁₆"
 Depth177.8 mm (7"
 Ship WeightAluminum 6 kg (13 lbs.)
 Stainless Steel 9.2 kg (20 lbs.)
 Hastelloy 9.8 kg (22 lbs.)
 Air Inlet6.35 mm (1/4"
 Inlet1.27 cm (1/2"
 Outlet1.27 cm (1/2"
 Suction Lift1.22 m Dry (4'
 9.14 m Wet (30')

Displacement per

Stroke06 l (0.017 gal.)¹

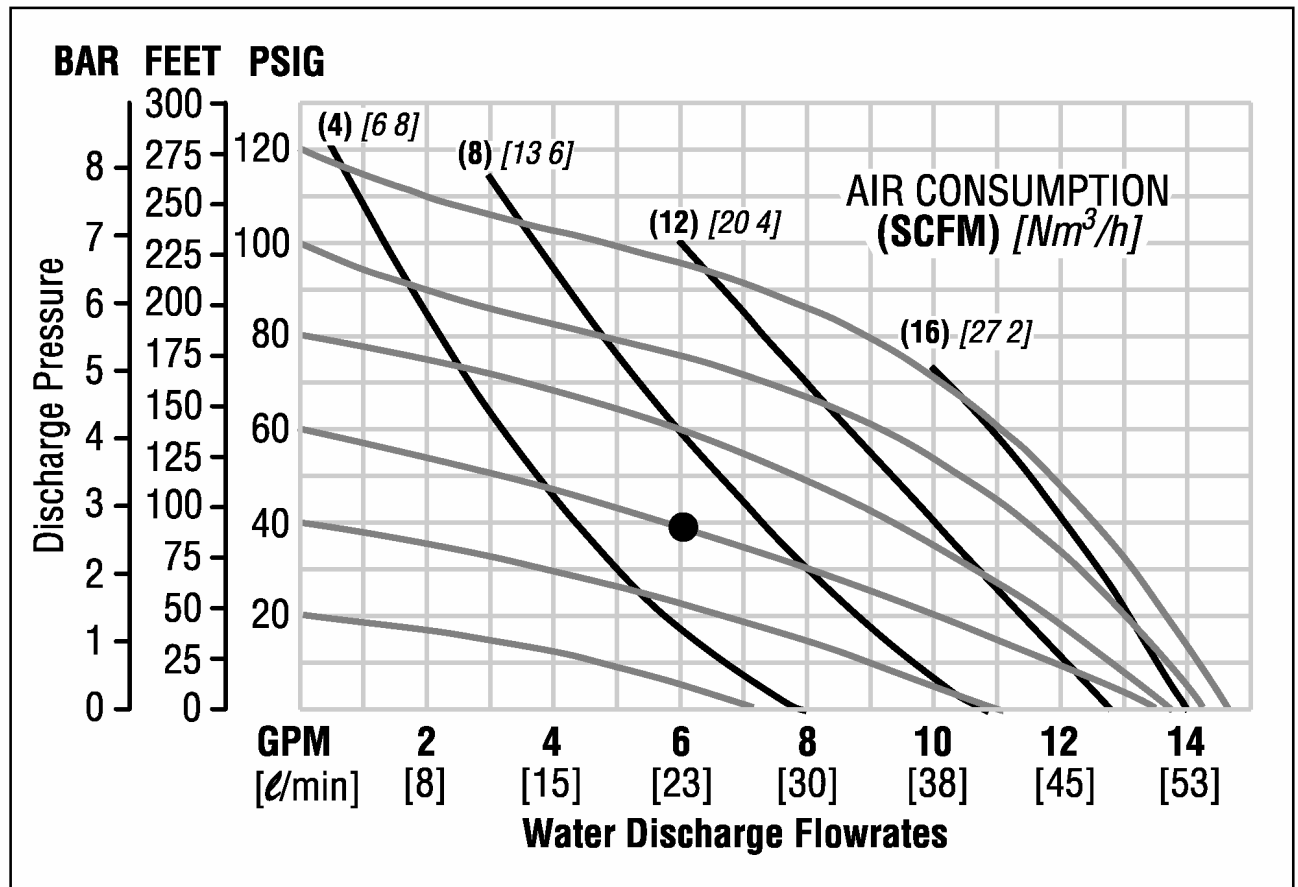
Max. Flow Rate54.9 lpm (14.5 gpm)

Max. Size Solids1.59 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 22.7 lpm (6 gpm) against a discharge pressure head of 2.7 Bar (40 psig) requires 4 Bar (60 psig) and 10.2 Nm³/h (6 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 T1 METAL TPE-FITTED

Height219.1 mm (8⁵/₈"
 Width207.8 mm (8³/₁₆"
 Depth.....177.8 mm (7"
 Ship Weight.....Aluminum 6 kg (13 lbs.)
 Stainless Steel 9.2 kg (20 lbs.)
 Hastelloy 9.8 kg (22 lbs.)
 Air Inlet6.35 mm (1/4"
 Inlet1.27 cm (1/2"
 Outlet.....1.27 cm (1/2"
 Suction Lift1.52 m Dry (5'
 9.45 m Wet (31')

Displacement per

Stroke06 l (0.017 gal.)¹

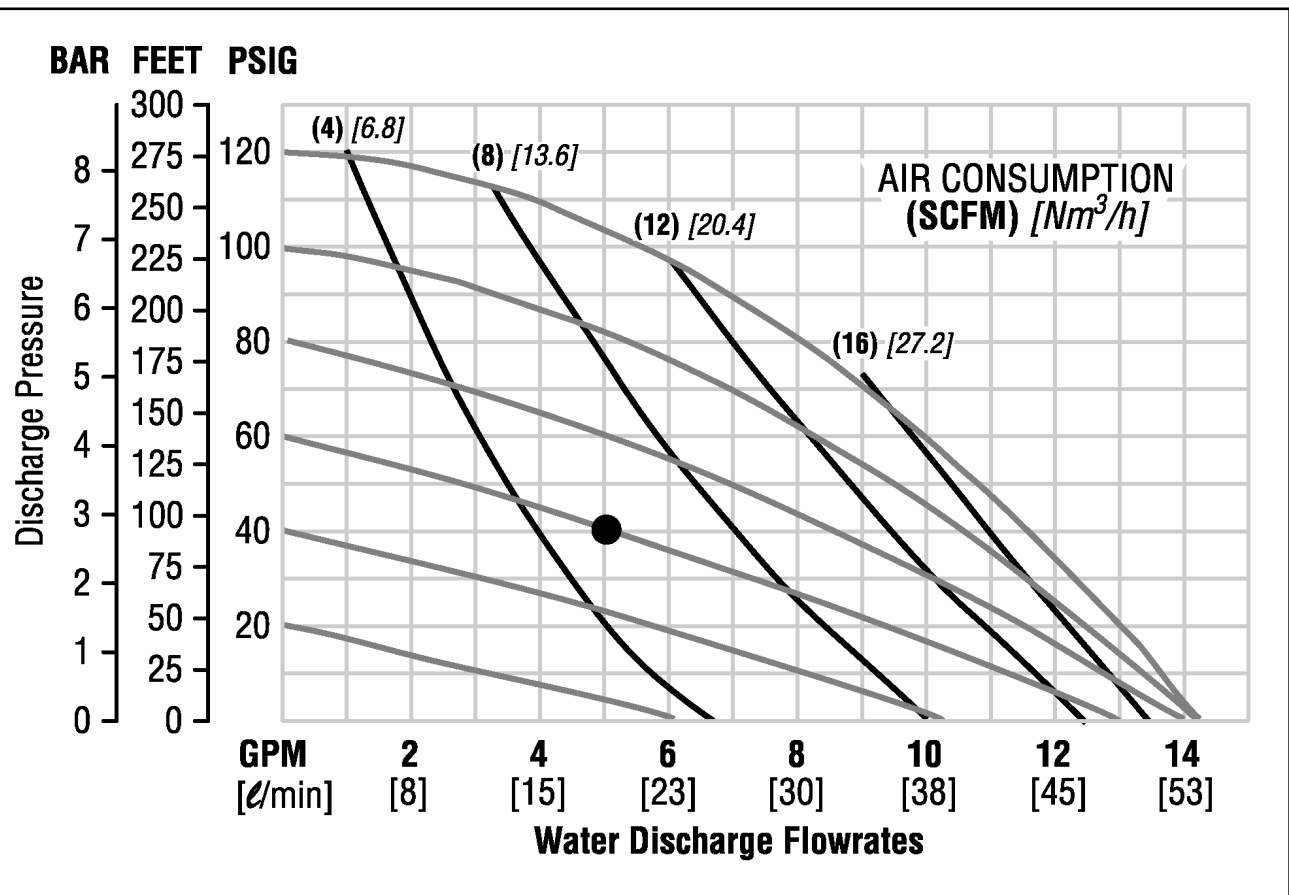
Max. Flow Rate.....54.1 lpm (14.3 gpm)

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 18.9 lpm (5 gpm) against a discharge pressure head of 2.7 Bar (40 psig) requires 4 Bar (60 psig) and 8.5 Nm³/h (5 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.

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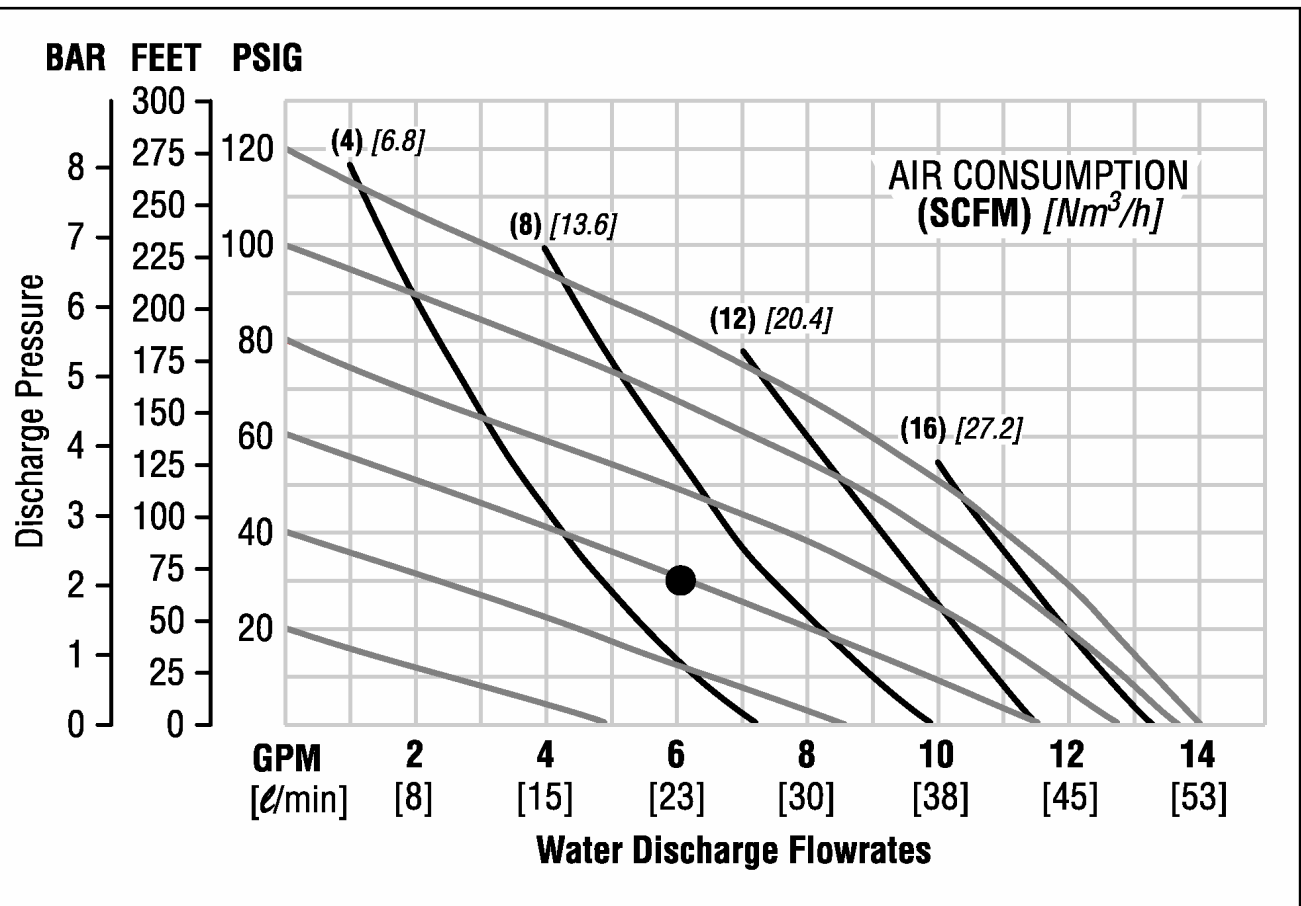


MODEL T1 METAL TEFLON®-FITTED

Height219.1 mm (8⁵/₈"
 Width207.8 mm (8³/₁₆"
 Depth.....177.8 mm (7"
 Ship Weight.....Aluminum 6 kg (13 lbs.)
 Stainless Steel 9.2 kg (20 lbs.)
 Hastelloy 9.8 kg (22 lbs.)
 Air Inlet6.35 mm (1/4"
 Inlet1.27 cm (1/2"
 Outlet.....1.27 cm (1/2"
 Suction Lift2.74 m Dry (1'
 9.14 m Wet (30'
 Displacement per
 Stroke05 l (0.014 gal.)¹
 Max. Flow Rate.....53.0 lpm (14.0 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 22.7 lpm (6 gpm) against a discharge pressure head of 2 Bar (30 psig) requires 4 Bar (60 psig) and 10.2 Nm³/h (6 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.