

FLEXFLO[®] A-100N

Peristaltic Variable Speed Pump

Blue-White[®]
Industries, Ltd.
45 Years of Water Treatment



New Feature!

TFD system
Tube Failure Detection

(Patent-Pending)



Standard Model

with Percentage speed Control

Model A1N00F-4T

Digital Model

with 4-20mA, 0-10Vdc & Pulse Input speed Control

Model A1N20V-6T

A-100NF Standard Features:

- Self priming against maximum line pressure.
- Outputs to 95.1 GPD, pressures to 100 PSI.
- Output amount is not effected by changes in back pressure.
- Tube Failure Detection system (TFD).
- Compatible with Blue-White's Micro-Flow Verification sensor.
- Easy to use dial knob style output control.
- Variable speed results in near continuous chemical injection.
- De-gassing design eliminates gas or air accumulation in the head.
- Durable housing of rugged Valox.

A-100N Specifications:

Max. working pressure: 100 psig (6.9 bar)
 Max. fluid temperature: 130° F (54° C)
 Max. ambient temperature: 14° to 110° F / -10° to 43° C
 Maximum viscosity: 5,000 Centipoise
 Maximum suction lift: 30 ft. Water 0 psig
 Duty cycle: Continuous
 O-ring seals: Viton
 Maximum Solids: 50% by volume
 Product dimensions: 6-1/4"H x 10"W x 9-1/4"D
 Approximate shipping wt..... 12 lb. (5.4 kg)

A-100NV Digital Features:

- Self priming against maximum line pressure.
- Outputs to 95.1 GPD, pressures to 100 PSI.
- Output amount is not effected by changes in back pressure.
- Tube Failure Detection system (TFD).
- 1 amp alarm output relay switch.
- Compatible with Blue-White's Micro-Flow Verification sensor.
- Precise output control with digital touch and LCD display.
- Variable speed results in near continuous chemical injection.
- Accepts 4-20mA, 0-10Vdc, and Pulse inputs for external speed control.
- Easy to read Service and Alarm indicator icons on LCD display.
- Display motor speed or input signal values on the LCD display.
- De-gassing design eliminates gas or air accumulation in the head.
- Durable housing of rugged Valox.



A-100N Applications:

- Water treatment and conditioning.
- Proportional chemical injection.
- Wastewater treatment.
- Biocide feed.
- Rural water systems.
- Cooling tower & boiler treatment.
- Fertilizer and nutrient injection.
- Pool chlorination & PH control.



FVS Compatible!

ORDERING INFORMATION

Standard F models with Dial Knob speed control

MAXIMUM OUTPUT AT ANY PRESSURE					115V/60Hz	230V/60Hz	220V/50Hz	240V/50Hz
GPD	GPH	OZ/MIN	ML/MIN	Max PSI	Model Number	Model Number	Model Number	Model Number
2.3	0.10	0.20	6	100	A1N00F-4T	A1N02F-4T	A1N01F-4T	A1N08F-4T
4.9	0.21	0.44	13	100	A1N10F-4T	A1N12F-4T	A1N11F-4T	A1N18F-4T
8.0	0.33	0.71	21	100	A1N20F-4T	A1N22F-4T	A1N21F-4T	A1N28F-4T
16.0	0.67	1.42	42	100	A1N10F-6T	A1N12F-6T	A1N11F-6T	A1N18F-6T
24.0	1.00	2.13	63	100	A1N20F-6T	A1N22F-6T	A1N21F-6T	A1N28F-6T
30.1	1.25	2.67	79	75	A1N30F-6T	A1N32F-6T	A1N31F-6T	A1N38F-6T
52.5	2.19	4.66	138	50	A1N10F-7T	A1N12F-7T	A1N11F-7T	A1N18F-7T
95.1	3.96	8.45	250	50	A1N30F-7T	A1N32F-7T	A1N31F-7T	A1N38F-7T

Digital V models with 4-20mA, 0-10Vdc and Pulse input control

MAXIMUM OUTPUT AT ANY PRESSURE					115V/60Hz	230V/60Hz	220V/50Hz	240V/50Hz
GPD	GPH	OZ/MIN	ML/MIN	Max PSI	Model Number	Model Number	Model Number	Model Number
2.3	0.10	0.20	6	100	A1N00V-4T	A1N02V-4T	A1N01V-4T	A1N08V-4T
4.9	0.21	0.44	13	100	A1N10V-4T	A1N12V-4T	A1N11V-4T	A1N18V-4T
8.0	0.33	0.71	21	100	A1N20V-4T	A1N22V-4T	A1N21V-4T	A1N28V-4T
16.0	0.67	1.42	42	100	A1N10V-6T	A1N12V-6T	A1N11V-6T	A1N18V-6T
24.0	1.00	2.13	63	100	A1N20V-6T	A1N22V-6T	A1N21V-6T	A1N28V-6T
30.1	1.25	2.67	79	75	A1N30V-6T	A1N32V-6T	A1N31V-6T	A1N38V-6T
52.5	2.19	4.66	138	50	A1N10V-7T	A1N12V-7T	A1N11V-7T	A1N18V-7T
95.1	3.96	8.45	250	50	A1N30V-7T	A1N32V-7T	A1N31V-7T	A1N38V-7T

All models ship with 1 extra set of motor brushes.