EUROFLO™

where innovation flows

EIC, EM, EWH/ EW *series*

Inverter Constant Pressure Pumps

EUROFLO™

EIC *series*

The Euroflo EIC is a compact booster pump for water supply and boosting in household and light commercial application. The integrated variable speed Invertor enables the pump to maintain constant pressure in the piping system. The use of stainless steel & composite material makes the pump light and is ideal for drinking water application.

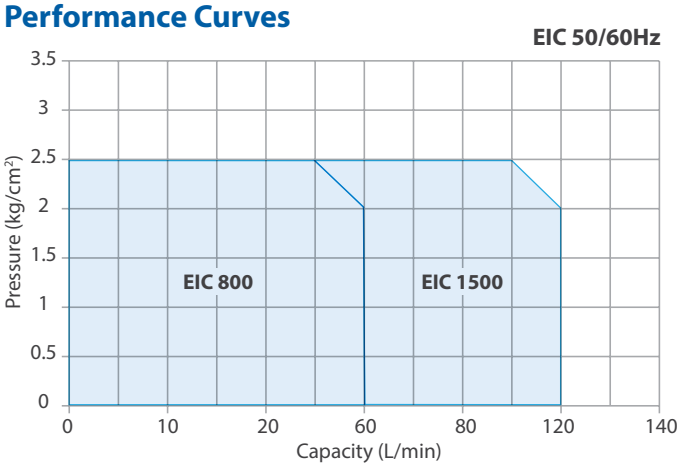
Features

- Constant pressure via variable speed control
- Energy & Cost saving
- Quiet operation
- Compact design save space and easy installation
- Dry run protection

Operation conditions

- Ambient temperature: max.+5ºC~+40ºC
- Liquid temperature range: max.+5ºC~+90ºC
- Inlet pressure should less than the preset value

Performance Curves



Coding System

Eg.	EIC	300	SS	A2	15	M
	XXX	XXX	XX	XX	XX	X

Series

EIC = Inverter Constant Pressure Pump

EWH = Microprocessor Constant Pressure Pumps of hot water

EW = Microprocessor Constant Pressure Pumps

EM = Microprocessor Multistage Pumps

Model

Material-Impeller/Body

SS = SS304 impeller and Body

Motor Data

A2 = 50Hz/2pole

B2 = 60Hz/2pole

Rating (kW / 10)

eg.

15 = 1.5kW

07= 0.75kw

Motor Type

M = Single-phase

Specifications

Model	Inverter Power (kW)	Cycle (Hz)	Phase (Ø)	Voltage (V)	Inverter current (A)	Diameter (mm)		Constant Pressure (kg/cm²)	Rated Capacity (L/min)
						Suction	Discharge		
EIC800	0.75	50/60	1	110	5.0	1"	1"	2.5	40
				220					
EIC1500	1.5	50/60	1	110	9.5	1-1/4" / 1-1/2"	1-1/4" / 1-1/2"	2.5	120
				220					

EWH/EW *series*

The EWH constant pressure pump system is an all-in-one compact unit. Pump, motor, accumulator, pressure barrel and pressure sensor are integrated in a compact and friendly design fitted to base plate making the pump suitable for installation in a closed environment. This arrangement is better than the convectional heater system.

The EW is microprocessor constant pressure pump system. The integration of pump, motor, small diaphragm, pressure sensor and high-tech Microprocessor into one compact unit saves space and easy installation.

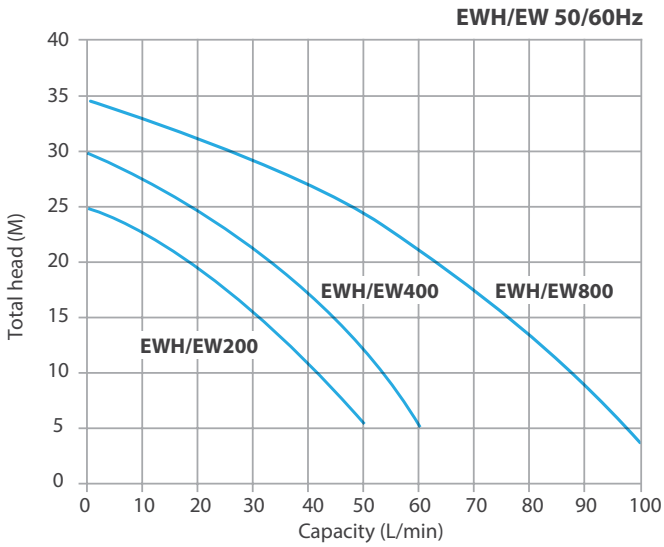
Features

- Stabilize water flow during usage. Will automatically cease operation when taps are turned off.
- Pump will shut-down automatically within 30 seconds upon detection of no water supply. This cycle will be repeated every 30 minutes until water supply return to normal. Once it exceed the required numbers of cycles, the pump will shut-down within 5 second and need to be reset. Pump can be start manually.

Operation conditions

- Suitable for clean portable water and non corrosive liquid.
- Ambient temperature: max.+40ºC
- Liquid temperature range:
  - EWH max.+2ºC~+90ºC
  - EW max.+2ºC~+40ºC
- Maximum discharge head:
  - EWH/EW200 series 1.8kg/cm²
  - EWH/EW400 series 2.2kg/cm²
  - EWH/EW800 series 2.8kg/cm²

Performance Curves



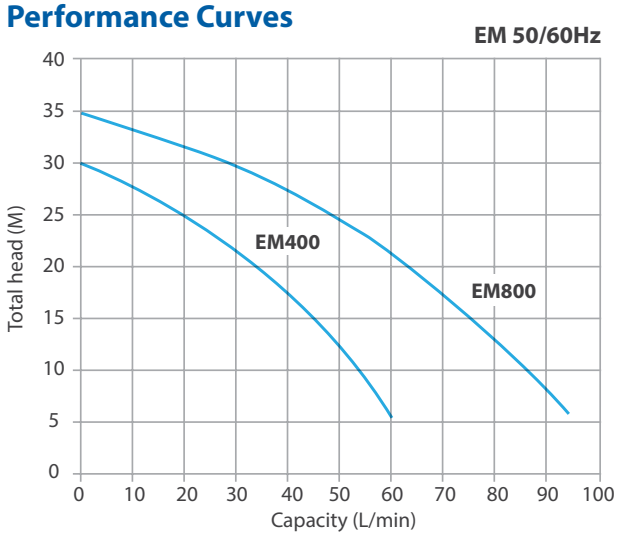
Specifications

Model	Inverter Power (HP)	Diameter in. (mm)	Voltage (V)	Amp's (A)	Cycle (Hz)	Max Pressure (kg/cm²)	Max Capacity (L/min)
EWH/EW200	200W 0.18kW	3/4" (20)	210/240	2.0	50	24	48
			110/220	4.0/2.0	60	24	55
EWH/EW400	400W 0.37kw	1"(25)	210/240	2.6	50	27	60
			110/220	5.2/2.6	60	27	70
EWH/EW800	800W 0.75kW	1"(25)	210/240	5.0	50	35	100
			110/220	10/5.0	60	35	110

EM *series*

The Euroflo EM series is incorporated with a latest built-in microprocessor. The pump is made of corrosion resistant material and is ideally suited for water supply and boosting application for household and light commercial building.

Performance Curves



Features

- Microprocessor automatically shut down pump when dry running is detected
- Constant pressure boosting
- Quiet operation
- Compact design, space saving and easy installation
- Energy & Cost saving
- Dry run protection

Operation conditions

- Suitable for clean portable water and non corrosive liquid
- Operating Liquid temp: max.+2°C~+40°C
- Operating temp: max.+2°C~+45°C

Specifications

Model	Inverter Power (kW)	Cycle (Hz)	Phase (Ø)	Voltage (V)	Amp's (A)	Diameter (mm)		CMax Head (M)	Max Capacity (L/min)
						Suction	Discharge		
EM400	0.37	50/60	1	210/240	2.6	3/4" / 1"	3/4" / 1"	27	68
				110/220	5.2/2.6				70
EM800	0.75	50/60	1	210/240	5.0	1"	1"	35	100
				110/220	5.2/2.6				110

Warning:

- Pump must be mounted in pump shade or building.
- The suction pipe should adequately sized and avoid using of high friction losses devices.
- Ensure incoming water supply is clean without solid particles or fibers.
- Standard voltage : 50Hz -220V/240V, 60Hz-110V/220V
- Pump can be installed on the roof top.

Your local distributor details:

EIC/EM/EWH/EW/JAN 14/1K