

WATER PUMP INVERTER

Electronic variable speed pump controller with inverter technology for single and multi-pump applications up to 3 Kw per pump. E-SERIES guarantees:

- Energy savings
- Constant water pressure
- Safety and reliability

E-SERIES features a techno polymer body suitable for potable water and its low pressure losses make it suitable for use with pumps with flow rates up to 160 litres/min. E-SERIES stands out for the quality of its electronic components and for the following features:

'Easily accessible' tropicalized pressure sensor.



Flow sensor complete with check valve able to sense flows as low as 2 lt/min.

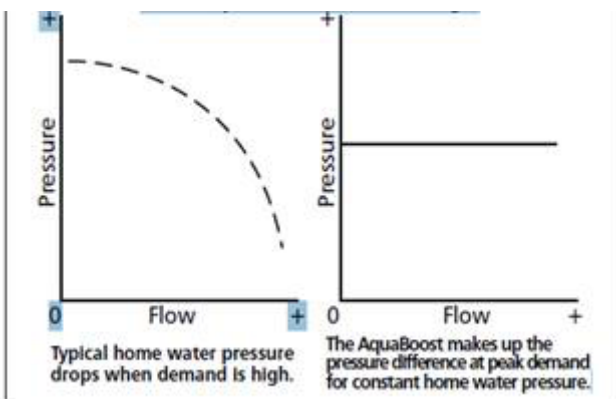
Protect against:

Dry running (automatic reset); High Current, Low Voltage, High Temperature & Anti-blockage (e.g. oxidation for inactivity).

Models 6TT / 8TT have replaceable capacitors.

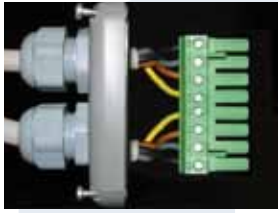
Expansion Signal Board handling signals:

- 1) RS485 communication among inverters,
- 2) auxiliary input signal (e.g. level signal),
- 3) volt free contact (e.g. alarm output signal),
- 4) Second Set Pressure point.



Electrical connection:

easy and safe thanks to the removable connector.



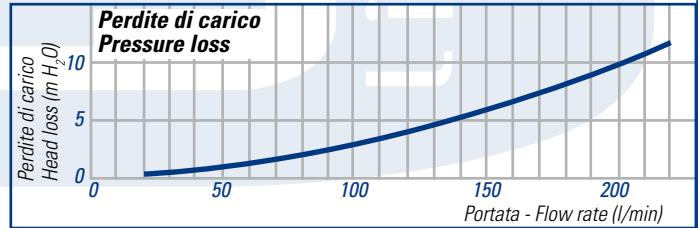
Start-up:

You only need to select the required operating pressure and the rated current of the pumps.



Technical data:

- Input voltage (all models): three phase 400 V @ 50/60 Hz
- Output voltage : - three phase 400 V @ 50/60hz
- IP Protection: IP 65
- Working temperature: 0 – 60 °C
- Connections: 1" x 1" BSP / NPT
1" 1/4 x 1" 1/4 BSP
- Max. working pressure: 10 Bar
- Burst pressure: > 40 Bar
- Weight Kg 4,2
- Shut-off flow rate: 2 l/min
- Working pressure: 1 ÷ 9 bar
- Protection against: - Dry run or seizure (e.g. oxidation for inactivity)



Model	Item no.	Max Pump Power	Set Pressure	Line Voltage Supply	Pump Voltage Supply	Frequency	Nominal Max Current	Connection	Multi Pump Application	Max operating pressure	Enclosure
		Kw	HP	bar	Volt	Volt	Hz	A	BSP	max.3	bar

SINGLE PHASE INPUT / SINGLE PHASE OUTPUT

●	E-SERIES 8.5 MM	F01141052	1,1	1,5	1÷9*	1x230	1x230	25÷50/60	8,5	1" x 1"	Yes **	10	IP65
●	E-SERIES 13 MM	F01141053	1,7	2,3	1÷9*	1x230	1x230	25÷50/60	13,0	1" x 1"	Yes **	10	IP65
●	E-SERIES 16 MM	F01141054	2,2	3,0	1÷9*	1x230	1x230	25÷50/60	16,0	1" x 1"	Yes **	10	IP65

SINGLE PHASE INPUT / THREE PHASE OUTPUT

●	E-SERIES 7 MT	F01141055	1,1	1,5	1÷9*	1x230	3x230	25÷50/60	7,0	1" x 1"	Yes **	10	IP65
●	E-SERIES 12 MT	F01141056	2,2	3,0	1÷9*	1x230	3x230	25÷50/60	12,0	1" x 1"	Yes **	10	IP65

THREE PHASE INPUT / THREE PHASE OUTPUT

●	E-SERIES 6 TT	F01142309	2,2	3,0	1÷9*	3x400	3x400	25÷50/60	6,0	1" x 1" ◊	Yes **	10	IP65
●	E-SERIES 8 TT	F01142310	3,0	4,0	1÷9*	3x400	3x400	25÷50/60	8,0	1" x 1" ◊	Yes **	10	IP65

M/T = single phase input/three phase output

M/M = single phase input/single phase output

T/T = three phase input/three phase output

* Set pressure is user adjustable via front control panel in increments of 0,1 bar.

** By fitting in the back of Steadypres the "expansion signal board" (D01531K01)

◊ Can be converted to - 1" 1/4 x 1" 1/4- by using DR1141K20

