15 EASYMAT CONTROLLERS

Control Panel

The Easy mat is eq uipped with a control pa nel for simple system programming and parameter monitoring.

The 2 scroll buttons ar e u sed t o s croll through the different ope rating para meters the Ea symat ca n display.

At the sa me time you can us e the 2 scro ll butto ns to move aro und the se t up m enu a nd t o c hange t he various options.

The custom LCD display gives a cle ar overview of the system condition and operating parameters. The icons above and below the display confirm the mode in which the Easymat is working and highlight any problems.

The 4 set-u p butt ons al low the op erator to m ove between the s et-up me nus and to s tart an d st op th e pump/s. T he sy mbols ar e designed to ma ke th e various f unction of ea ch bu tton cl ear. With th ese 4 buttons and the two scroll buttons you can manage all the set-up and operating parameters without the use of an external controller or computer.

LCD Display

The inte grated LC D cu stom display giv es y ou an easy overview of the system condition and operating parameters.

Display Are a. T he dis play area shows the status of the parameters of the pump/s

The **Operating Icons** show in which mode the system is operating.

Constant pressure mode.
The system keeps the pressure constant as the demand for water changes. The user can choose the operating pressure as required.

Fixed speed mode.
The system works at a fixed speed which can be determined by the user as required.

The **System Icons** show in which way the system is operating.

Auto mode.
The icon shows that the system is operating in auto mode (constant pressure). The constant pressure icon will be shown on the lower section of the display.

Manual mode.
The icon shows that the system is operating in manual mode (fixed speed). With the navigation buttons the user can change the speed. The fixed speed icon will be shown on the lower section of the display.

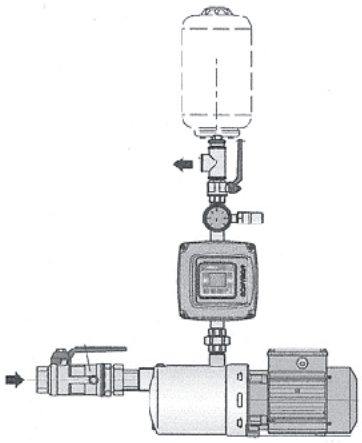
Set-up mode.
The icon shows that the set-up menu is activated, in this mode it is possible to change all the operating parameters of the Easymat . Using the navigation buttons it is possible to scroll through the parameters and change them as required.

Sensor state.
This indicates the state of the pressure transducer connected to the Easymat. When lit it indicates that the transducer is working correctly, if flashing it indicates a transducer fault or incorrect connection.

Alarm.
This indicates that there is a fault on the system. A corresponding error number will be shown on the display.

Cascade mode.
This indicates that the multi-pump mode (max 2 pumps) is operating. The upper icon displays if the pump connected with the inverter is running or is in stand-by. The lower icon when lit indicates if the pump is the master unit or slave unit when flashing.

A range of economically priced, one pump variable speed booster sets featuring the MXH all stainless steel, multi-stage pump range.



Pumps
MXH horizontal, multi-stage, all stainless steel centrifugal pumps.

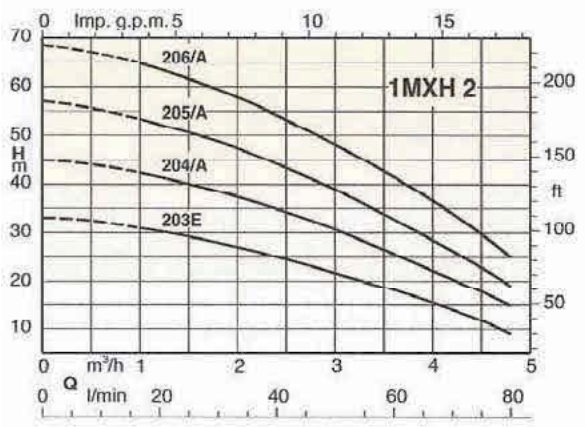
Motors
Aluminium 2-Pole (2900rpm) induction motors, three phase 230V-50hz, class F insulation, IP54 enclosure, IEC34.

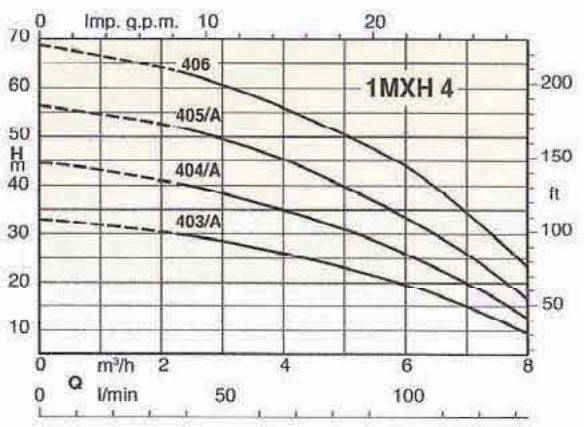
System
Pump fitted with brass valves and fittings, 2 ltr pressureWave© accumulator and pressure gauge. Control via an Easymat EMT programmable variable speed controller 230/1/50 input.

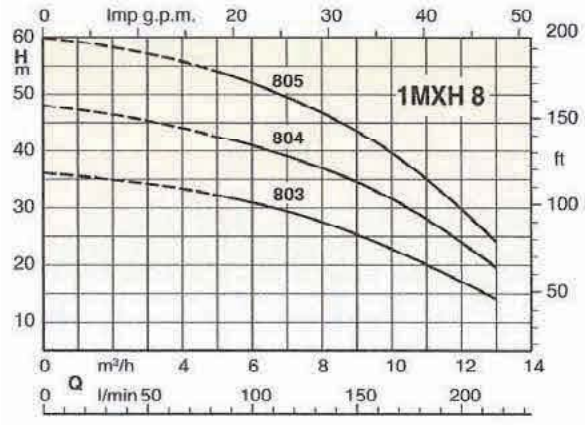
Operating Conditions

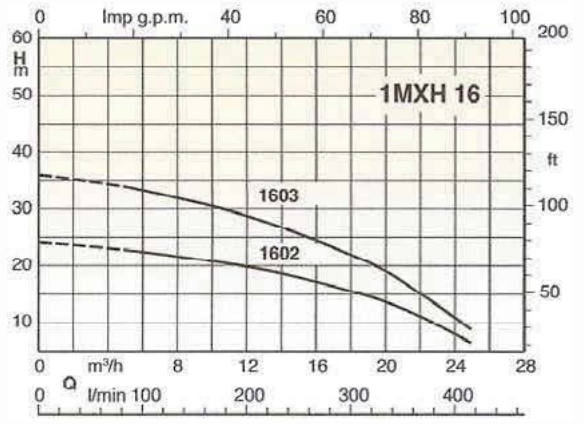
Fluid:	Clea n water	**Control:**	Easymat EMT controller via pressure transducer
Fluid Temp:	>50 deg.C	**Max pressure:**	10 bar
Air Ambient:	>40 deg.C	**Rated:**	Continuous service

Performance Data

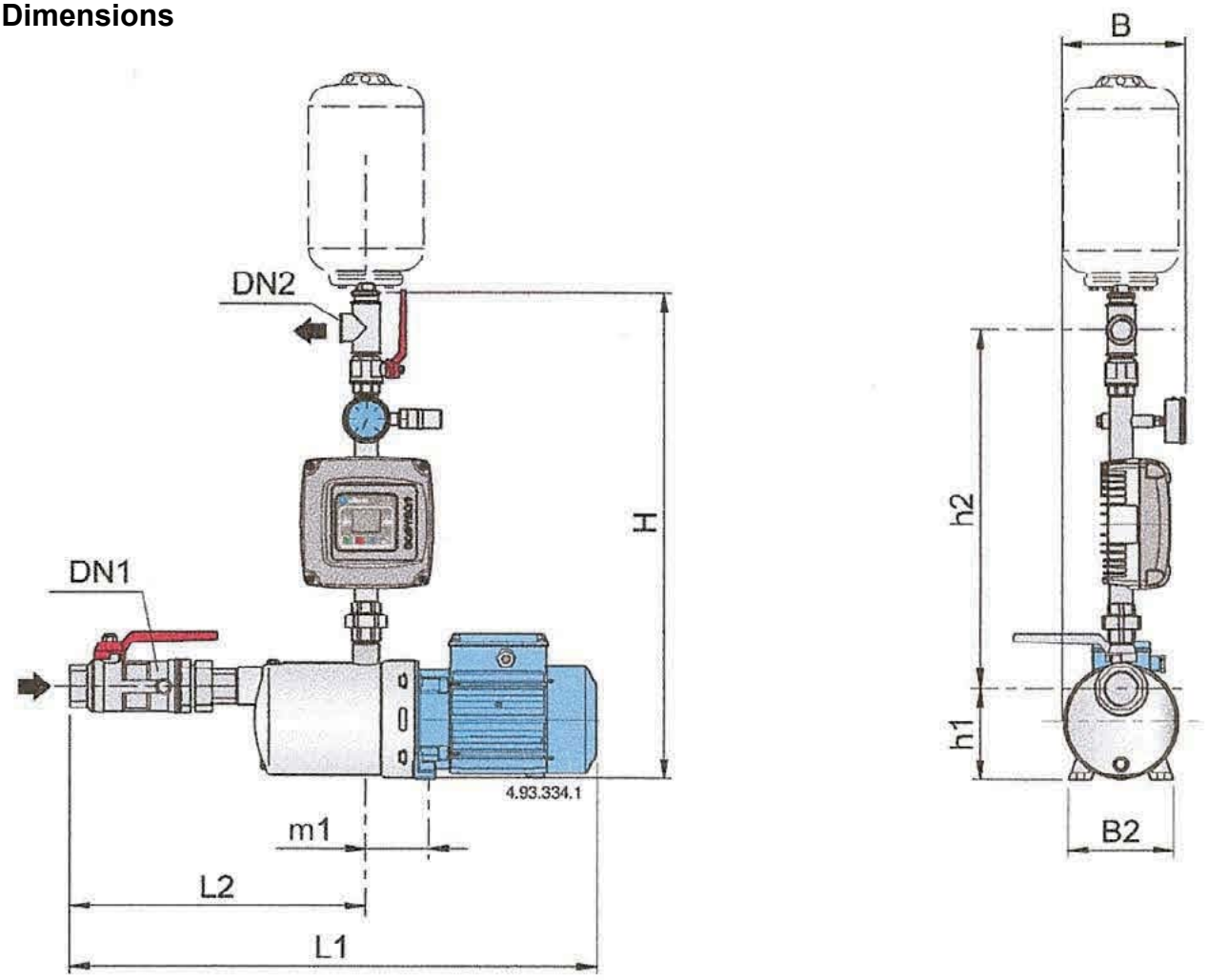








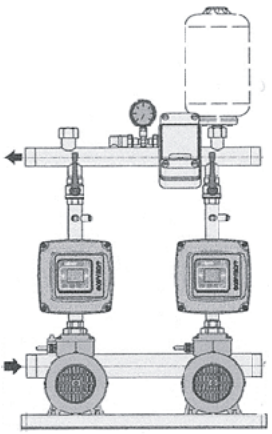
Dimensions



Mains 230/1/50 Motor 230/3/50	P2 DN1			DN2	mm							
	kW	hp			H*	h1 h2	L1	L2		m1	B	B2
1MXH 203E-EMT-2	0.45	0.6	1-1/4"	1"	708	127	516	511	274	88	165	146
1MXH 204/A-EMT-2	0.55	0.75						561	298			
1MXH 205/A-EMT-2	0.75	1						585	322			
1MXH 206/A-EMT-2	1.1	1.5						609	346			
1MXH 403/A-EMT-2	0.55	0.75	1-1/4"	1"	708	127	516	537	274	88	165	146
1MXH 404/A-EMT-2	0.75	1						561	298			
1MXH 405/A-EMT-2	1.1	1.5						585	322			
1MXH 406-EMT-2	1.5	2						680	346			
1MXH 803-EMT-2	1.1	1.5	1-1/2"	1"	708	127	516	657	323	88	165	146
1MXH 804-EMT-2	1.5	2						687	353			
1MXH 805-EMT-2	1.8	2.5						717	383			
1MXH 1602-EMT-2	1.5	2	2"	1-1/2"	750	117	560	752	404	101	165	146
1MXH 1603-EMT-2	1.8	2.5						752	404			

*Max height to top of vessel = 1030

A range of economically priced, twin pump variable speed booster sets featuring the MXH all stainless steel, multi-stage pump range.



Pumps
MXH horizontal, multi-stage, all stainless steel centrifugal pumps.

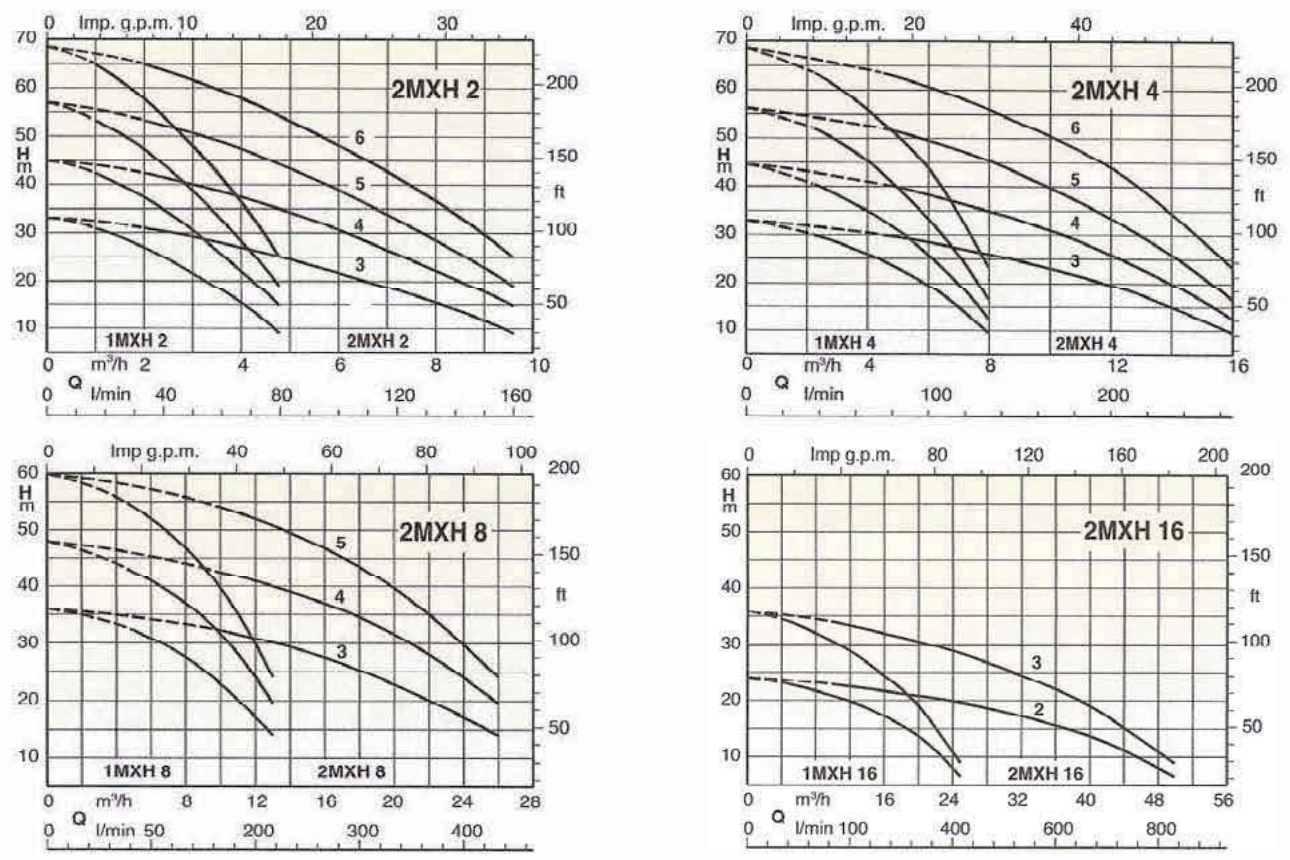
Motors
Aluminium 2-Pole (2900rpm) induction motors, three phase 230V-50hz, class F insulation, IP54 enclosure, IEC34.

System
Pumps on common galvanised base and fitted with stainless manifolds with brass valves and fittings, 24 ltr pressureWave© accumulator and pressure gauge. Control via 2 x Easymat EMT programmable variable speed controllers 230/1/50 input.

Operating Conditions

Fluid:	Clea n water	**Control:**	Easymat EMT controller via pressure transducer
Fluid Temp:	>50 deg.C	**Max pressure:**	10 bar
Air Ambient:	>40 deg.C	**Rated:**	Continuous service

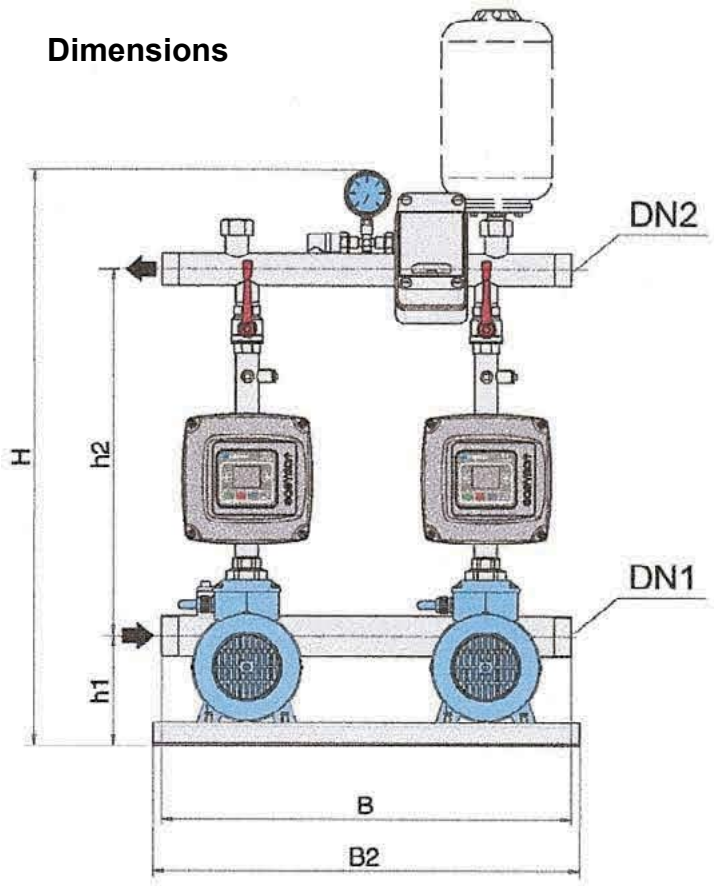
Performance Data

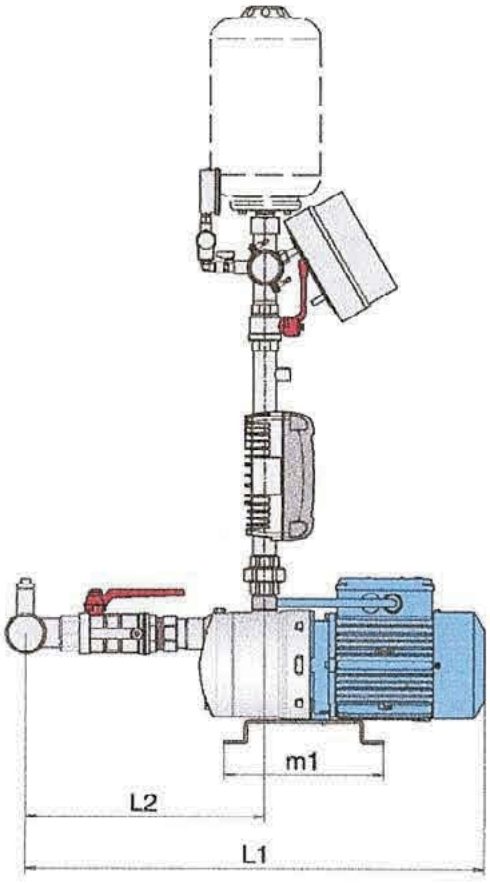


EASYMAT

*Twin pump, single phase, variable speed booster set with **MXH** pump*

Dimensions





Mains 230/1/50 Motor 230/3/50	P2 DN1			DN2	mm							
	kW	hp			H*	h1 h2	L1	L2		m1	B	B2
2MXH 203E-EMT-24	0.45	0.6	2”	1-1/2”	848	161	506	563	326	240	600	625
2MXH 204/A-EMT-24	0.55	0.75						613	350			
2MXH 205/A-EMT-24	0.75	1						637	374			
2MXH 206/A-EMT-24	1.1	1.5						661	398			
2MXH 403/A-EMT-24	0.55	0.75	2”	1-1/2”	848	161	506	589	326	240	600	625
2MXH 404/A-EMT-24	0.75	1						613	350			
2MXH 405/A-EMT-24	1.1	1.5						637	374			
2MXH 406-EMT-24	1.5	2						732	398			
2MXH 803-EMT-24	1.1	1.5	2-1/2”	2”	854	161	512	727	393	240	600	625
2MXH 804-EMT-24	1.5	2						757	423			
2MXH 805-EMT-24	1.8	2.5						787	453			
2MXH 1602-EMT-24	1.5	2	3”	2-1/2”	882	151	551	829	481	240	600	625
2MXH 1603-EMT-24	1.8	2.5						829	481			

*Max height to top of vessel = 1055