

Centrifugal multi-stage with speed control

A horizontal, multistage, centrifugal pump with electronic regulation for changing speed and with built-in pressure sensor. It contains a device for detecting and protecting against dry operation, with sequential re-starts in event of failure. Absorbs water hammer effect on the installation.

Applications

Pressurising with constant pressure of domestic water for houses, semi-detached homes, apartments, chalets and rural homes, etc.

Materials

Hydraulic body and impellers in AISI 304.
Diffusers in thermoplastic.
Mechanical seal in graphite and ceramic.
O-rings in NBR.

Motor

Asynchronous, two poles.
IP X5 protection.
Class F insulation.
Continuous operation.
Built-in thermal protector inside the windings.
With 2 m cable H07 RNF 3 x 1 mm².
Display with push button to increase or decrease working pressure (150 kPa - 350 kPa).

Limitations

Maximum suction lift 5 m for installation with foot valve.
Maximum working pressure 6 bar.
Maximum suction pressure 2 bar intake at suction point.
Water temperature from 4 °C to 35 °C.
Room temperature from -10 °C to 50 °C.
Motor characteristics 230 V / 50 Hz.

Electronics

Advanced ESPA Speed Drive technology, enabling variable speed operation, with automatic self-regulation which maintains the constant pressure required at all times in the home, thanks to its pressure sensor.

Equipment

Complete with kit press and pressure gauge.
Noise level 60-62 dBA at 1 meter.
You must install a pressure vessel on the discharge pipework (8 litres for Tecnoplus 15, 18 litres for Tecnoplus 25).

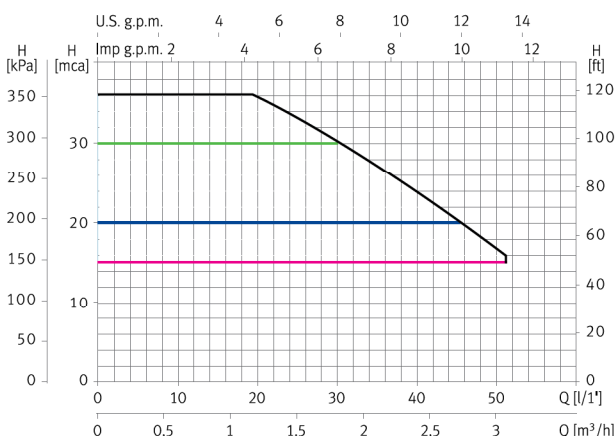


Hydraulic performance table

Model	I [A]	P1 [kW]	P2		c [μF]	l/min m ³ /h	5	10	15	25	30	35	45	50	1~230 V (model M)
	1~230 V	1~230 V	[kW]	[HP]			0.3	0.6	0.9	1.5	1.8	2.1	2.7	3.0	Code
Tecnoplus 15M	3.6	0.75	0.55	0.75	12	Máx. Mín.	36 15	36 15	36 15	32 15	28 15	25.5 15	18.5 15	15 15	00131059

Tecnoplus 15/25 pumps are c/w Kit Press, pressure gauge and stainless steel discharge adaptor (You must fit a pressure vessel on the discharge pipework for every Tecnoplus 15/25) (Minimum size is 8 ltrs for 15 & 18 ltrs for 25)

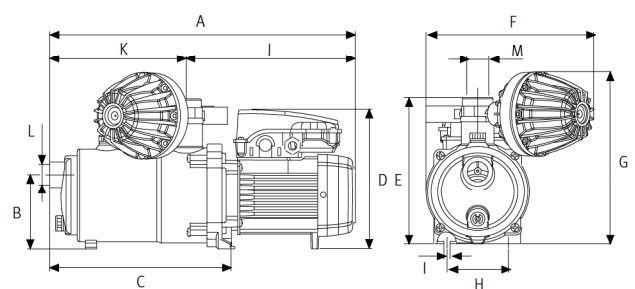
Performance curves at 2900 rpm



The pump can operate at any point inside the indicated area. The characteristic curves depend on the delivery pressure. By way of example, the curves are shown for delivery pressures of 150, 200 and 300 kPa. The operating limit curve corresponds to the maximum rotating speed.

Dimensions and weights

Model	A	B	C	D	E	F	G	H	I	J	K	L	M	Kg
Tecnoplus 15M	439	108	261	200	216	241	253.8	88	9	243	196	G1"	G1"	10.5



*Service kits are available on request