

# ECOMATIC



## GENERAL DATA

### Applications

ECOMATIC 110, 120 & 130 ECOJET self priming single impeller pump fitted with a 4 gal. pressure tank, switch and gauge to switch the pump on and off depending to the flow demand to supply water for systems including

- Pressure Boosting
- \* Residential Homes
- \* Farming Applications
- \* Resedential Irrigation
- \* Garden Irrigation Drip/Low Flow
- \* Hydroponics
- \* Rain Water Harvesting
- \* Water Supply from Shallow Wells

F version supplied with 5" filter housing and filter cartridge

### Constructional features of the pump .

Technopolymer pump body and motor support.

Carbon/ceramic mechanical seal.

Technopolymer impeller, diffuser, venturi and nozzle in ECOJET

### Construction of the motor

Induction motor, closed and cooled with external ventilation.

Rotor mounted on oversized greased sealed-for-life ball bearings to ensure silent running and a long life.

Built-in thermal and current overload protection on ECOMATIC 110

Bult-in thermal and resetable overload protection on ECOMATIC 120 & 130

Motor protection: NEMA 3

Insulation class: F

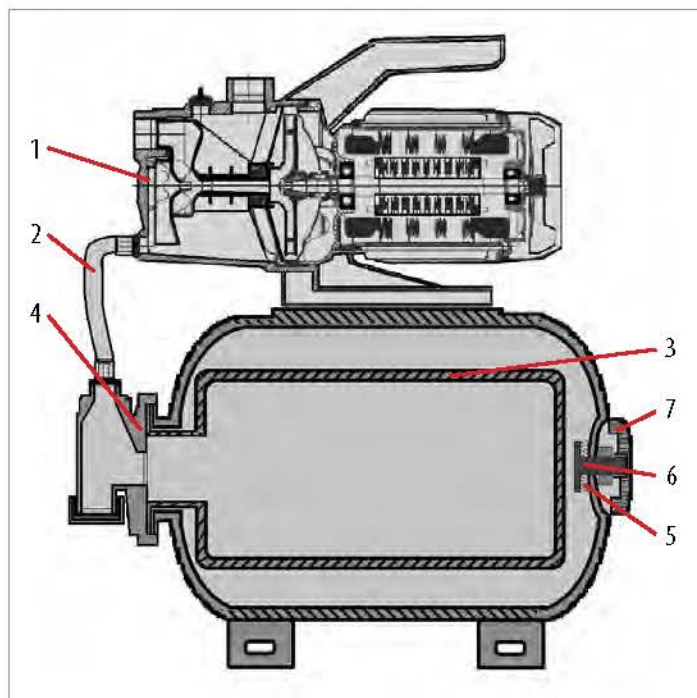
Standard voltage: 115v 60Hz

# TECHNICAL DATA

## MATERIALS

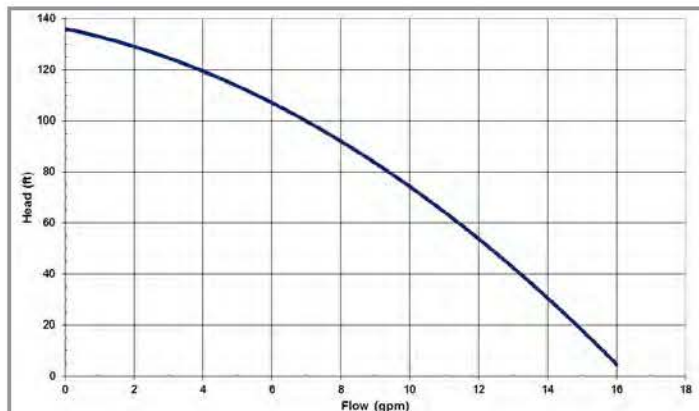
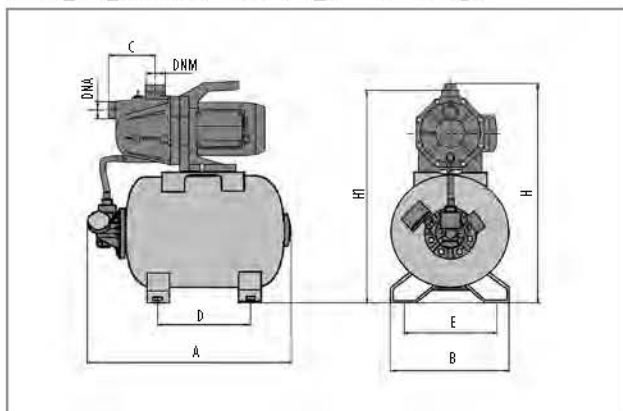
N°	PARTS*	MATERIALS
1*	PUMP	SEE ECOJET 110, 120 , 130
2*	HOSE	TECHNOPOLYMER
3*	TANK MEMBRANE	BUTYL
4*	TANK FLANGE	TECHNOPOLYMER
5*	OR GASKET	NBR
6	AIR VALVE	NBR
7	TANK BODY	NBR
8	VALVE CAP	TECHNOPOLYMER

\* In contact with liquid



Operating Range:	ECOMATIC 110 to 130 From 1 to 21gpm with a head up to 164ft ( 71 psi )
Liquid quality requirements:	clean, free from solids or abrasive substances, non viscous, non aggressive, non crystallized, chemically neutral, close to the characteristics of water
Liquid temperature Range:	From 32°F to 104°F
Maximum suction depth	26 ft
Maximum ambient temp.	104°F
Maximum operating pressure	116 psi
Installation:	fixed or portable in a horizontal position
Special version on request	other voltages and/or frequencies

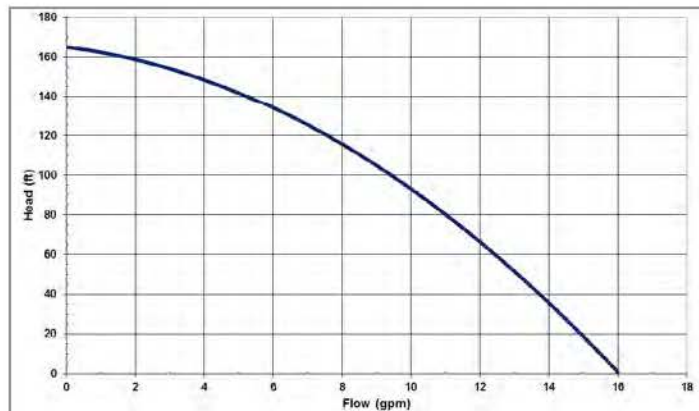
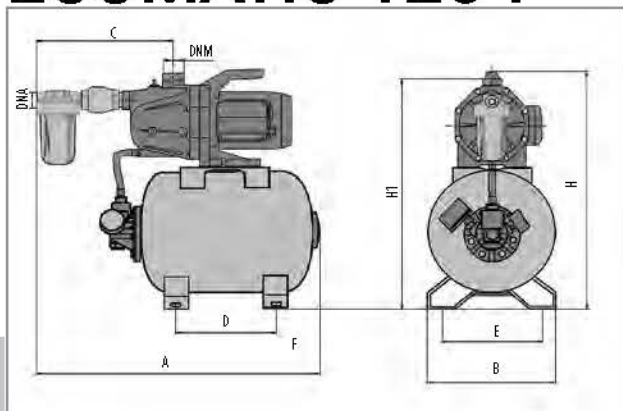
# ECOMATIC 110



MODEL	A	B	C	D	E	H	H1	DNA	DNM	Weight
ECOMATIC 110	18 "	11 "	4 $\frac{5}{8}$ "	7 $\frac{3}{4}$ "	8 $\frac{1}{4}$ "	21 $\frac{3}{8}$ "	21 "	1 " NPT	1 " NPT	27.8 lbs

MODEL	ELECTRICAL DATA				HYDRAULIC DATA			
	Voltage 60Hz	P1 Watt	Hp	In A	Pre-Set Pressure	MAX Flow	Max Head	Max Pressure
ECOMATIC 110	115v	800	1/2	8.0	28 -50 psi	16 gpm	138 ft	60 psi

# ECOMATIC 120 F

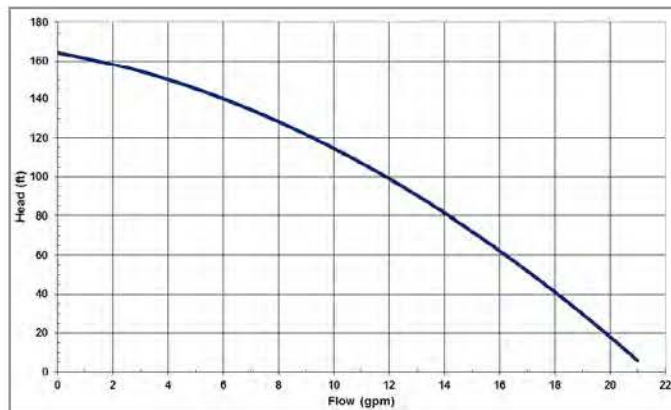
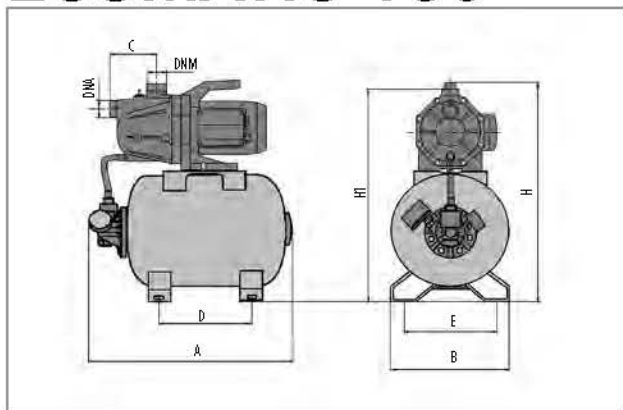


MODEL	A	B	C	D	E	H	H1	DNA	DNM	Weight
ECOMATIC 120 F	18 "	11 "	4 $\frac{5}{8}$ "	7 $\frac{3}{4}$ "	8 $\frac{1}{4}$ "	21 $\frac{3}{8}$ "	21 "	1 " NPT	1 " NPT	27.8 lbs

MODEL	ELECTRICAL DATA				HYDRAULIC DATA			
	Voltage 60Hz	P1 Watt	Hp	In A	Pre-Set Pressure	MAX Flow	Max Head	Max Pressure
ECOMATIC 120 F	115v	1000	3/4	10.0	36 -61 psi	16 gpm	164 ft	71 psi

\* IF version supplied with a 5" filter housing and sediment filter housing.

# ECOMATIC 130



MODEL	A	B	C	D	E	H	H1	DNA	DNM	Weight
ECOMATIC 130	18 "	11 "	4 <sup>5</sup> / <sub>8</sub> "	7 <sup>3</sup> / <sub>4</sub> "	8 <sup>1</sup> / <sub>4</sub> "	21 <sup>3</sup> / <sub>8</sub> "	21 "	1 " NPT	1 " NPT	32.0 lbs

MODEL	ELECTRICAL DATA				HYDRAULIC DATA			
	Voltage 60Hz	P1		In A	Pre-Set Pressure	MAX Flow	Max Head	Max Pressure
ECOMATIC 130	115v	Watt	Hp					
		1200	1	12.0	36 -61 psi	21 gpm	164 ft	71 psi