

DIVERTRON



GENERAL DATA

Applications

Multi-stage powerful submersible pumps with electronic control system, ideal for rain water systems, operating sprinklers, pumping water from tanks, cisterns, ponds and wells and other applications that require high pressure.

Available with 3 or 4 impellers. Suitable to pump clear water.

Constructional features of the pump

Technopolymer pump body.

Technopolymer impeller, diffuser, self-priming disc.

Anti-debris stainless steel strainer on DIVERTRON

Stainless Steel suction ring on DIVERTRON X

Constructional features of the motor

Induction motor, closed and cooled with liquid being pumped

Wear resistant shaft with triple lip seals to ensure a long life.

Built-in thermic overload protection

Capacitor permanently in circuit.

Manufactured according to UL 778 -2010 & CSA 108-1

Motor protection: NEMA6P

Insulation class: F

Cable Length: 50ft

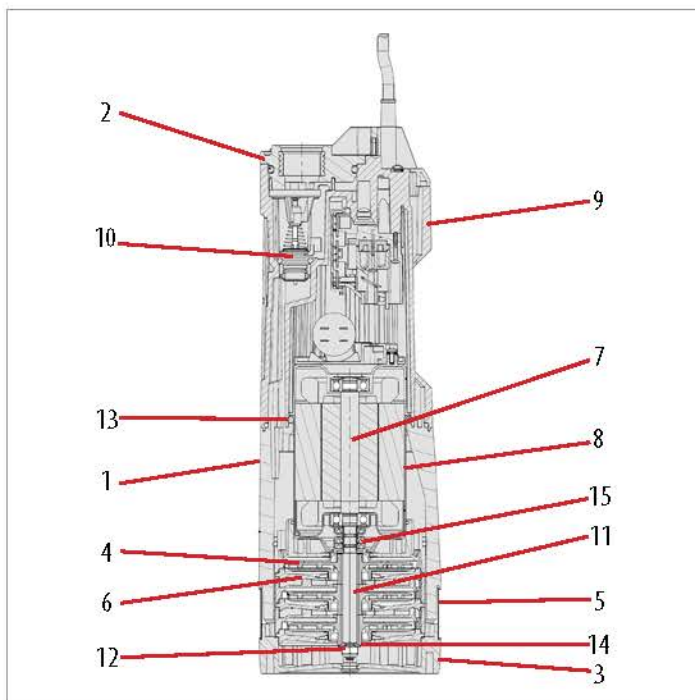
Standard voltage: 115v 60Hz

TECHNICAL DATA

MATERIALS

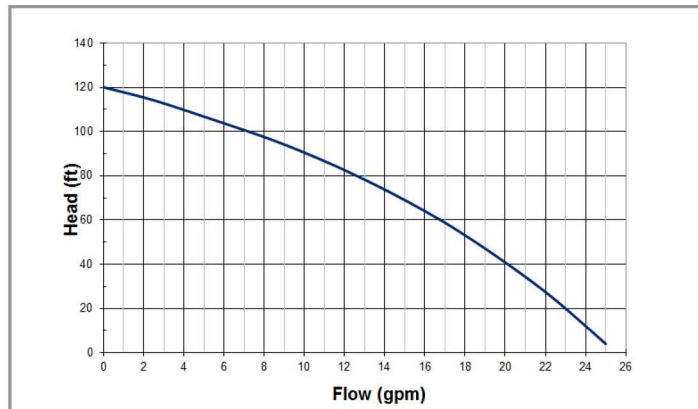
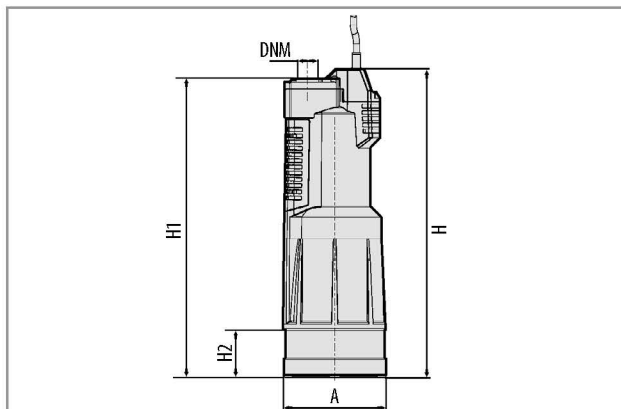
N°	PARTS*	MATERIALS
1	PUMP BODY	PP 30% NAT. GRADE 6
2	DISCHARGE HEAD	PP 30% NAT. GRADE 5
3	PUMP BASE	PP 30% NAT. GRADE 6
4	IMPELLER	NORYL
5	SUCTION	STAINLESS STEEL
6	DIFFUSER	NORYL
7	ROTOR SHAFT	AISI 416 STAINLESS STEEL
8	MOTOR CASING	DIE CAST ALUMINUM
9	'O' RING	NBR 70
10	NRV & SENSOR	TECHNOPOLYMER / EPDM
11	PUMP SHAFT	AISI 303 STAINLESS STEEL
12	LOCK NUT	STAINLESS STEEL A2
13	'O' RING	NBR 70
14	WASHER	STAINLESS STEEL A3
15	TRIPLE LIP SEAL	NBR

* In contact with liquid



Operating Range:	From 1 to 25 gpm with a head up to 157ft (68psi)
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 95°F
Maximum ambient temp.	104°F
Maximum operating pressure	87 psi
Maximum submersion	49 ft
Installation:	fixed or portable in a vertical position
Special version on request	other voltages and/or frequencies

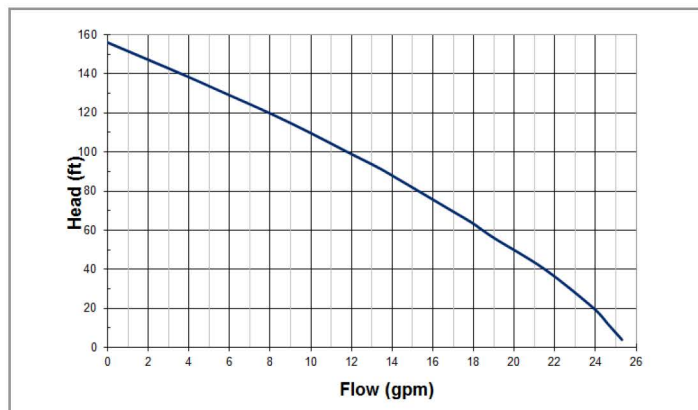
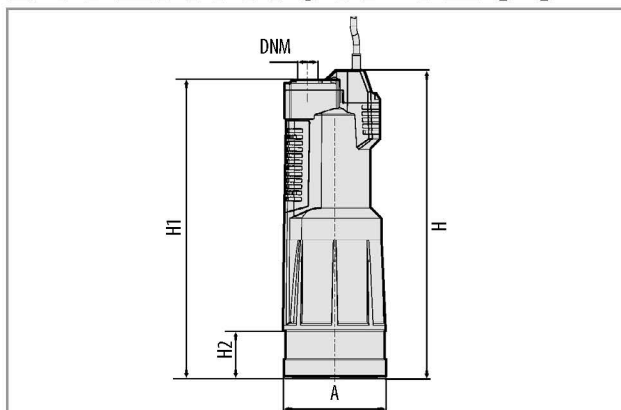
DIVERTRON 1000



MODEL	A		H	H1	H2	DNA	DNM	Weight
DIVERTRON 1000	5 ⁷ / ₈ "		17 ³ / ₄ "	17 ¹ / ₈ "	1 ⁵ / ₈ "	N/A	1" NPT	23.1 lbs

MODEL	ELECTRICAL DATA				HYDRAULIC DATA		
	Voltage 60Hz	P1 kW	Hp	In A	MAX Flow	Max Head	Max Pressure
DIVERTRON 1000	115v	1000	3/4	9.0	25 gpm	120 ft	52 psi

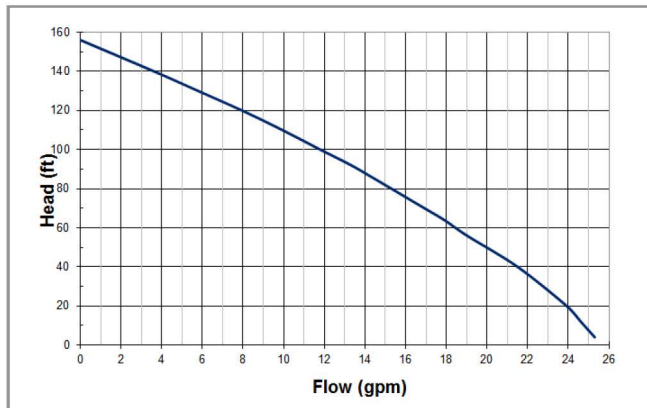
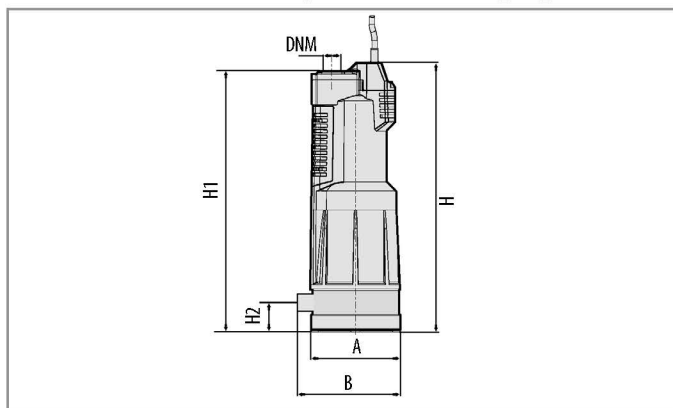
DIVERTRON 1200



MODEL	A		H	H1	H2	DNA	DNM	Weight
DIVERTRON 1200	5 ⁷ / ₈ "		18 ⁷ / ₈ "	8 ¹ / ₈ "	2 ³ / ₄ "	N/A	1" NPT	23.6 lbs

MODEL	ELECTRICAL DATA				HYDRAULIC DATA		
	Voltage 60Hz	P1 kW	Hp	In A	MAX Flow	Max Head	Max Pressure
DIVERTRON 1200	115v	1100	1	10.0	25 gpm	157 ft	68 psi

DIVERTRON 1200X



MODEL	A	B	H	H1	H2	DNA	DNM	Weight
DIVERTRON 1200X	5 ⁷ / ₈ "	6 ³ / ₄ "	18 ⁷ / ₈ "	18 ¹ / ₄ "	2 ³ / ₄ "	1" NPT	1" NPT	23.8 lbs

MODEL	ELECTRICAL DATA				HYDRAULIC DATA		
	Voltage 60Hz	P1		In A	MAX Flow	Max Head	Max Pressure
DIVERTRON 1200X	115v	kW	Hp	10.0	25 gpm	157 ft	68 psi