

Pearl

MXA DELUXE

Horizontal multi-stage pumps

This new version of the MXA has been designed for water treatment applications. The components were developed to resist the extreme working conditions of systems pumping RO water (Reverse Osmosis Systems).

Reliable with new design features, the MXA DELUXE is more robust and forgiving when temporary abnormal operating conditions may exist.

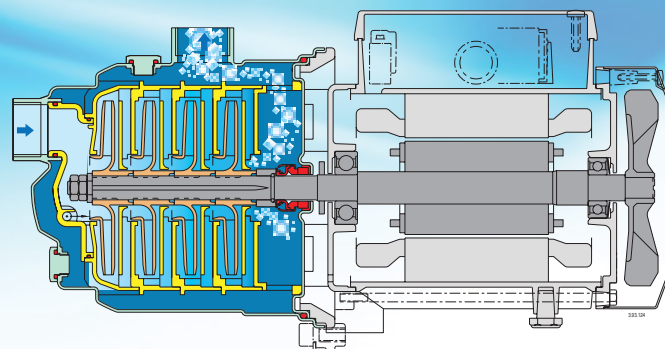
Features

Extra safety against running dry with the suction port above pump axis.

Robust single-piece barrel casing.

Compact single-piece lantern bracket and base.

Low noise with the water-filled shroud around the stages.



Applications

- Pumping water out from RO water.
- For water supply.
- For domestic use, for garden use and irrigation.
- Pumping in environments where water with a percentage of sulfur.

Operating Conditions

- Liquid temperature: 32 °F to 95 °F.
- Ambient temperature up to 104 °F.
- Maximum permissible pressure in the pump casing: 116 psi.
- Continuous duty.

Construction

- Horizontal multi-stage, self-priming, close coupled pump.
- Single-piece barrel casing in chrome-nickel stainless steel, with front suction port above pumps axis and radial delivery at top.
- Stages in Noryl.
- Connections: threaded ports NPT.



Motor

- 2-pole induction motor, 60 Hz ($n \approx 3450$ rpm).
- Three-phase 230/460 V.
- Single-phase 230 V.
- Capacitor inside the terminal box.
- Insulation class F.
- Protection IP 44.

Special Features on request

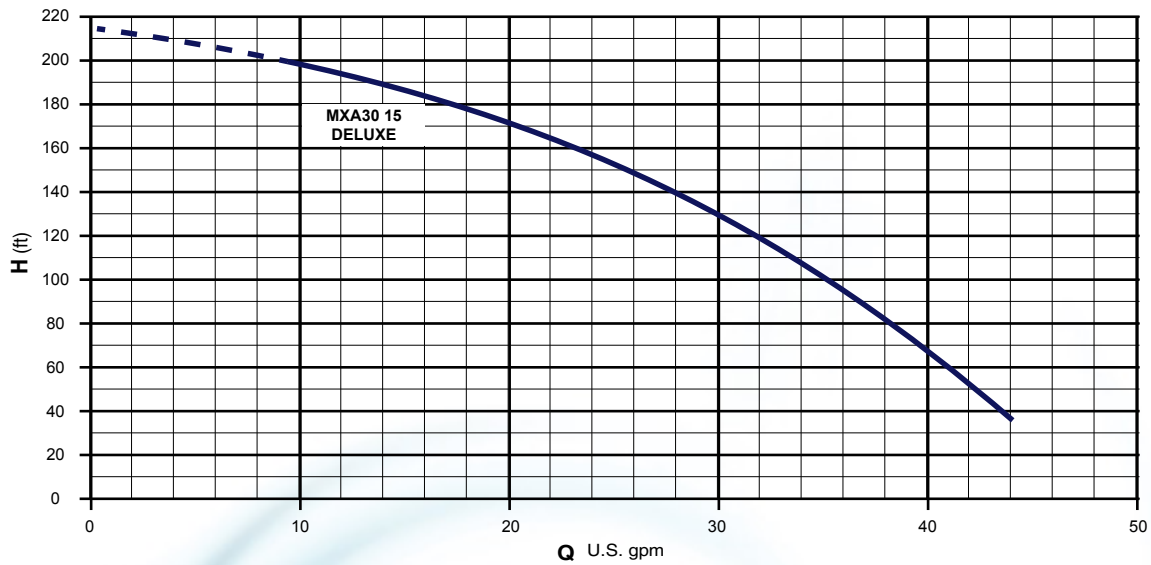
Other voltages

Materials

COMPONENT	MATERIAL
Pump Casing	Cr-Ni steel 1.4301 EN 10088 (AISI 304)
Casing Cover	Cr-Ni steel 1.4301 EN 10088 (AISI 304)
Pump Shaft	Stainless Steel (AISI 316)
Plug	Cr-Ni steel 1.4305 EN 10088 (AISI 303)
Stage Casing	PPO-GF20 (Noryl)
Impeller	PPO-GF20 (Noryl)
Suction Casing	PPO-GF20 (Noryl)
Mechanical Seal	Carbon - Ceramic - Viton

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Performance Curves | n= 3450 rpm



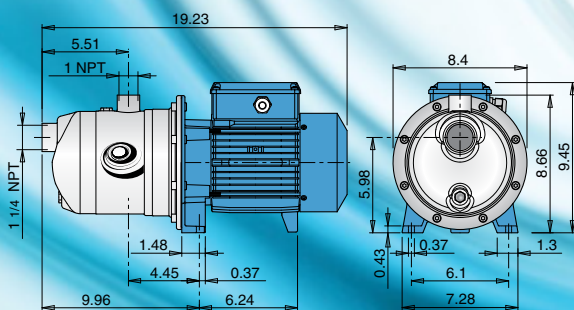
Nominal Currents

MODEL	P2 HP	3 ~		1 ~			
		230 / 460V In A	I _A / I _N	115V In A	230V In A	115 / 230V In A	I _A / I _N
MXA30 15 DELUXE	1.5	8.3/4.8	5.4	-	10.6	-	3.8

P2 Rated motor power output | I_A / I_N D.O.L. starting current / Rated current.

Weights and Dimensions

MODEL	NET WEIGHT LBS	
	3 ~	1 ~
MXA30 15 DELUXE	37.9	39.5



Installation

