Corex
POOL PRODUCTS

SUMP-ONE

Electric Pump with Float Switch

PRODUCT OVERVIEW

Electric pump with float switch for liquid level control. The source catalog lists applications in clean water, sea water, water supply, circulation, drainage and filtration.



KEY FEATURES & CONSTRUCTION

1. **Open impeller**
   Suitable for solid particles <10 mm.
2. **Double shaft seal**
   Double shaft seal specified in the source.
3. **High-temperature bearing**
   High-temperature bearing specified.
4. **Copper winding**
   Copper winding specified in the source.
5. **Stainless steel housing**
   Stainless steel exterior housing.
6. **Thermal protector**
   USA Ti thermal protector, as stated in the source.

SUMP-ONE MODEL FAMILY

CX-20101	CX-20102	CX-20103
0.55 kW	0.75 kW	1.5 kW
P2	P2	P2

POWER P2	SUPPLY	Hmax	Qmax
0.55–1.5 kW	220 V / 50 Hz	13.5–19 m	15–20 m³/h

SUMP-ONE

Model Range & Detailed Specifications

Three model codes with individual power, head, flow and packing data. The table below retains the original catalog values.

CX-20101



0.55 kW

Power output P2

Hmax 13.5 m | Qmax 15 m³/h

CX-20102



0.75 kW

Power output P2

Hmax 15 m | Qmax 16.5 m³/h

CX-20103



1.5 kW

Power output P2

Hmax 19 m | Qmax 20 m³/h

DETAILED MODEL SPECIFICATIONS

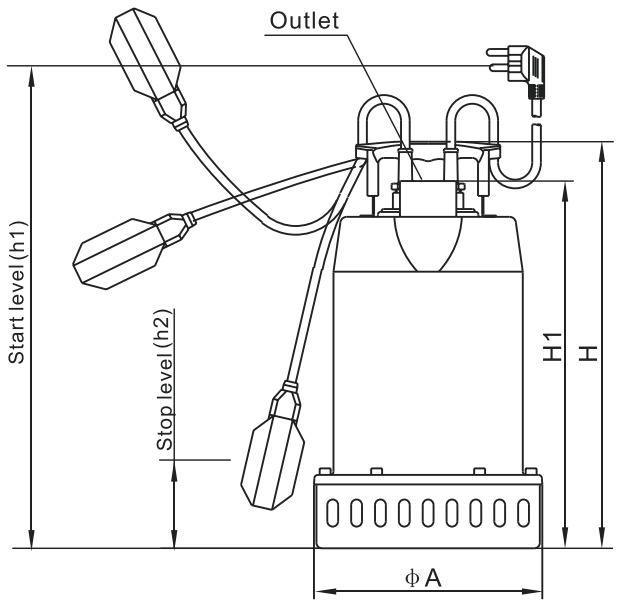
MODEL	P2 kW	AMPS 220V/50Hz	Hmax (m)	Qmax (m³/h)	OUTLET	G.W. (kg)	PACKING SIZE (mm)
CX-20101	0.55	3.8	13.5	15	G1.5"	9.8	425 × 260 × 300
CX-20102	0.75	5.2	15	16.5	G1.5"	10.5	405 × 260 × 300
CX-20103	1.5	9.2	19	20	G1.5"	13	420 × 260 × 300

Model images are series references. G.W. is retained as stated in the source. Hmax and Qmax are separate maximum ratings, not a combined duty point.

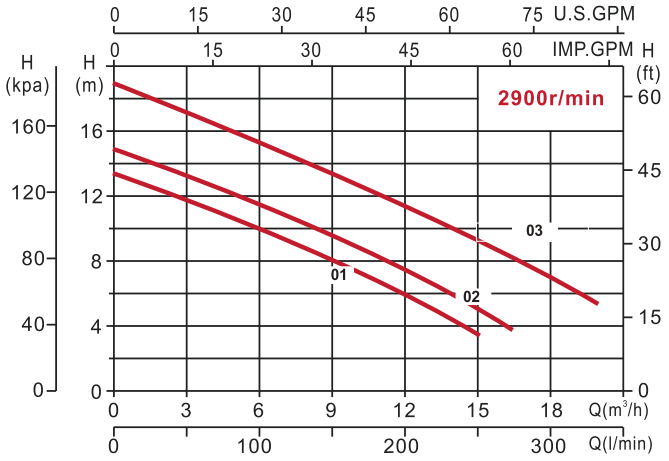
SUMP-ONE

Technical Data Sheet

OVERALL DIMENSION



PERFORMANCE CURVES



SOURCE SPEED: 2900 r/min

Original curves and axes retained. No performance points have been inferred.

DIMENSION REGISTER

MODEL	H	H1	h1	h2	A
CX-20101	360	324	415	80	211
CX-20102	360	324	415	80	211
CX-20103	375	339	430	80	211

DRAWING NOTES

H and H1 are drawing dimensions; h1 identifies the start level and h2 the stop level. The source drawing marks diameter A and the outlet. Dimension units are not explicitly stated in the source.

SUMP-ONE

Materials of Construction & Applications



CONSTRUCTION FEATURES

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   Suitable for solid particles <10 mm.
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   Stainless steel exterior housing.
6. **Thermal protector**
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WORKING CONDITIONS

MEDIUM TEMPERATURE

0–40 °C

DIVING DEPTH

Less than 5 m

Liquid level control is provided by the float switch.

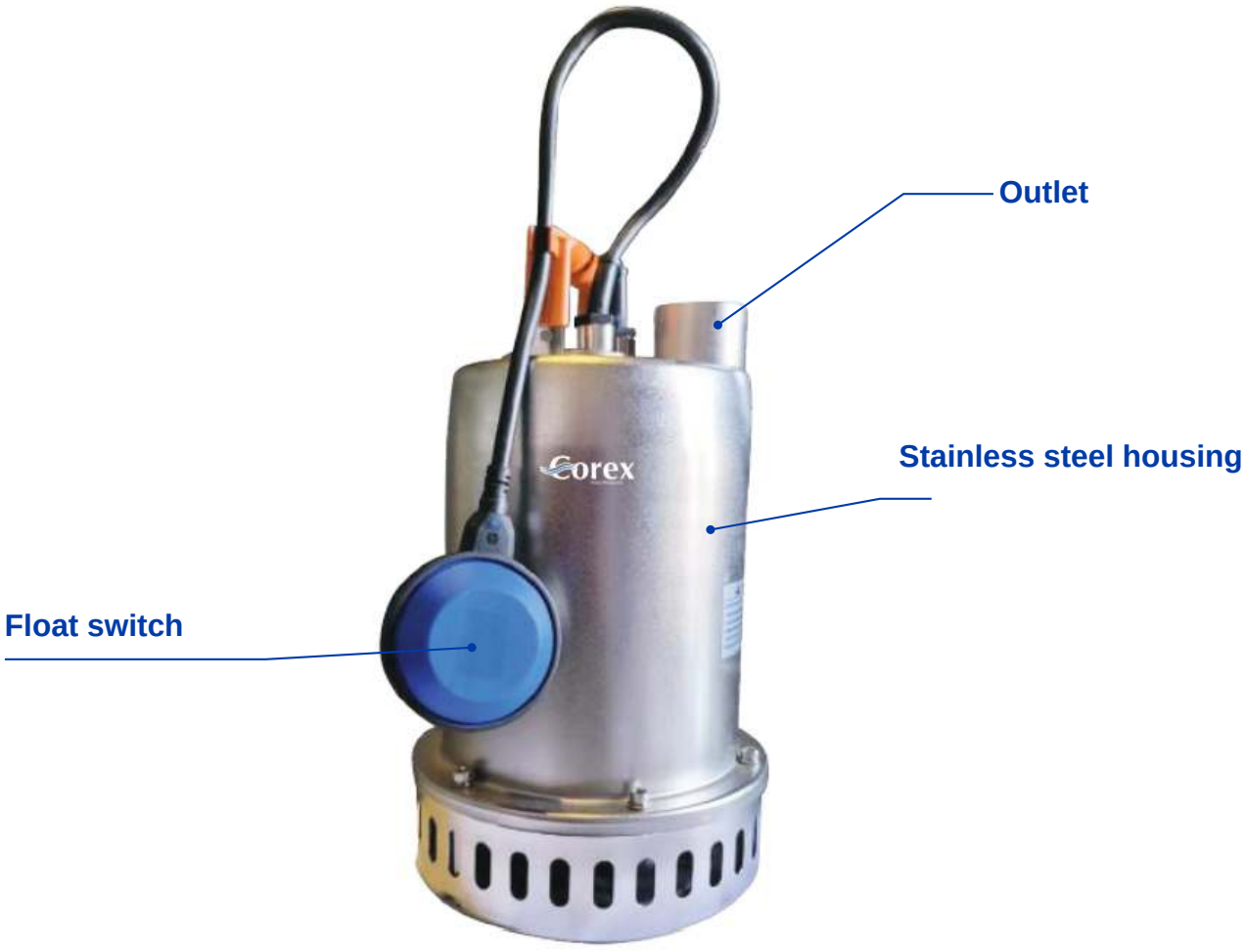
APPLICATIONS

- Clean water and sea water.
- Farming, fountains and water features.
- Water supply, circulation and water changing.
- Gardening and aquarium equipment.
- Landscape waterfalls.
- Water drainage and filtration.

SUMP-ONE

Component Identification & Exploded Reference

Original exterior product reference with source-supported labels.



EXPLODED VIEW — SOURCE REFERENCE REQUIRED

The supplied catalog does not include an exploded assembly, internal component images or a numbered parts list. An accurate exploded view cannot be derived from the exterior photograph alone. This page preserves the original product instead of introducing unverified internal details.