MAX-FLOW

Pool Pump

PRODUCT OVERVIEW

Single-body construction, engineered thermoplastic and a stainless-steel motor shaft. For residential and light commercial pool circulation.



KEY FEATURES & BENEFITS

Single-body design

Designed to reduce vibration and support quiet operation.

Thermoplastic body

High-temperature engineered thermoplastic construction.

Corrosion resistance

Corrosion-resistant materials and stainless-steel motor shaft.

Motor protection

Pentek motors with thermal protection.

Easy servicing

Compact construction for installation and servicing.

Power options

Single- and three-phase models from 1.0 to 3.0 HP.

MAX-FLOW MODEL FAMILY

1.0 HP	1.5 HP	2.0 HP	3.0 HP
			
CX-20701	CX-20702	CX-20703	CX-20704
CX-20705	CX-20706	CX-20707	CX-20708

MATERIALS & CONSTRUCTION

BODY	Engineered thermoplastic
SHAFT	Stainless steel
MOTOR	Pentek with thermal protection

POWER	FREQUENCY	PHASE	NET WEIGHT
0.75-2.2 kW	50 Hz	Single / Three	13-22 kg

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Model Range & Detailed Specifications

Eight source-listed models for residential and light commercial pool circulation.

MODEL RANGE OVERVIEW

1.0 HP	1.5 HP	2.0 HP	3.0 HP
			
CX-20701 / CX-20705	CX-20702 / CX-20706	CX-20703 / CX-20707	CX-20704 / CX-20708

ELECTRICAL RATINGS & NET WEIGHT

C-Code	P1 kW	HP	Phase	V/hz*	Hz	Amps	Net kg
CX-20701	0.75	1.0	Single	220	50	3.8	13
CX-20702	1.1	1.5	Single	220	50	5.2	17
CX-20703	1.5	2.0	Single	220	50	7	19
CX-20704	2.2	3.0	Single	220	50	10	22
CX-20705	0.75	1.0	Three	380	50	1.4	13
CX-20706	1.1	1.5	Three	380	50	2.1	17
CX-20707	1.5	2.0	Three	380	50	2.6	19
CX-20708	2.2	3.0	Three	380	50	4.1	22

HYDRAULIC RATINGS & PACKING DIMENSIONS

C-Code	Head m	Flow m³/h	Curve ref.	Packing size mm
CX-20701	8	13	2	635 x 310 x 370
CX-20702	10	18	4	635 x 310 x 370
CX-20703	10	23	5	635 x 310 x 370
CX-20704	10	29	7	635 x 310 x 370
CX-20705	8	13	2	635 x 310 x 370
CX-20706	10	18	4	635 x 310 x 370
CX-20707	10	23	5	635 x 310 x 370
CX-20708	10	29	7	635 x 310 x 370

* V/hz retains the original heading. Source text states maximum flow 21 m³/h, conflicting with table values 23/29 m³/h. Curve references require confirmation; see page 3. Product photo is a shared series reference.

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Technical Data Sheet

Original engineering dimensions and performance graph, preserved from the source catalog.

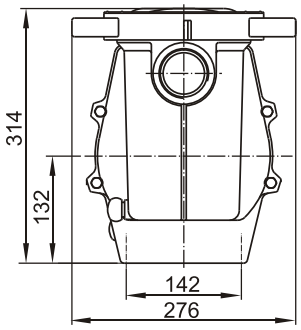
PRODUCT REFERENCE

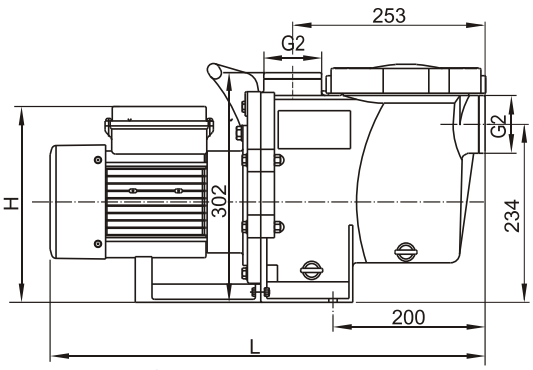


DIMENSION REGISTER

Front-view labels	314, 132, 142, 276
Side-view labels	253, 302, 234, 200
Port markings	G2 / G2
H and L	Values not supplied
Drawing units	Not explicitly stated

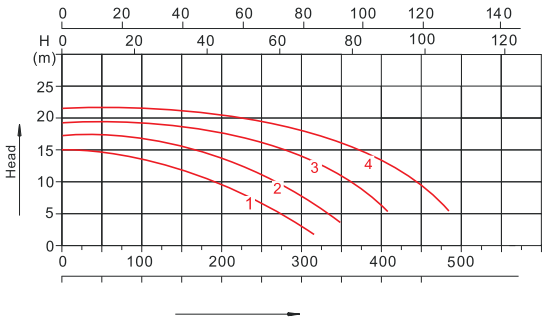
ENGINEERING DRAWINGS





Overall dimension

PERFORMANCE CURVES



TECHNICAL NOTES

Source maximum operating pressure: 2.0 kg/cm²; model scope is unspecified.

Graph labels 1-4 do not match table references 2, 4, 5, 7. Horizontal-axis units are missing. Do not use for model selection until confirmed.

MAX-FLOW

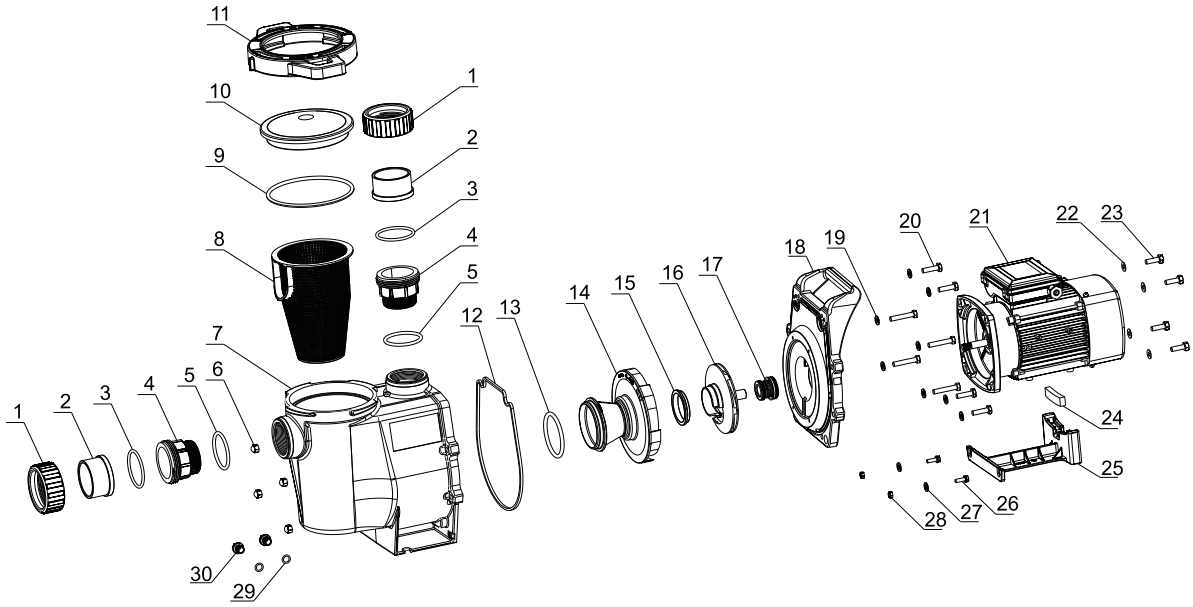
Component Identification & Exploded View

Original assembly drawing and complete 30-item register.



ASSEMBLY REFERENCE

Numbered components correspond to the register below.
Original source geometry and leader lines preserved.



COMPONENT PARTS IDENTIFICATION

1	Tie-in Nut	**16**	Impeller
2	Tie	**17**	Mechanical Seal
3	O-Ring	**18**	Diffuser
4	Transition union	**19**	Washer
5	O-Ring	**20**	Hexagon screw
6	Acorn nut	**21**	Motor
7	Pump Casing	**22**	Washer
8	Filter	**23**	Hexagon screw
9	O-Ring	**24**	Plastic strips
10	Transparent cover	**25**	Base
11	Gland cover of transparent cover	**26**	Hexagon screw
12	Gasket	**27**	Washer
13	O-Ring	**28**	Hexagon Nut
14	Guide vane assembly	**29**	O-Ring
15	Guide vane assembly	**30**	Drainage Plug

NOTE: Component names follow the original list. Spare-part codes and quantities are not supplied.

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