PRO-Molded

Top Mounted Sand Filter



PRODUCT OVERVIEW

The PRO-Molded top-mounted sand filter provides durable and efficient filtration for residential pool and spa applications. Its single seamless plastic body combines a pressure gauge, integrated air purge and manual water drain.

KEY FEATURES & BENEFITS

Efficient Sand Filtration
Sand traps dirt, debris and other particles as water passes through.

One-Piece Molded Body
Seamless plastic construction for durable, reliable performance.

Top-Mounted Multiport Valve
Six positions: filter, backwash, rinse, waste, closed and recirculate.

Pressure Gauge Included
Monitors filter condition and indicates when backwashing is required.

Easy Maintenance
Backwashing cleans the sand bed. Typical media replacement: every 5-7 years.

Compact Vertical Design
Space-efficient installation indoors or outdoors for pools and spas.

PRO-MOLDED MODEL FAMILY

CX-10306	CX-10307	CX-10308	CX-10309
			
300 mm (12")	400 mm (16")	500 mm (20")	600 mm (24")

TANK RANGE	SAND LOAD	PRESSURE	CONNECTION	VALVE
300-600 mm	35-150 kg	See source notes	1.5"	6-position

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Model Range & Detailed Specifications

The PRO-Molded range includes four tank sizes from 300 mm to 600 mm. A compact vertical layout and six-position top-mounted multiport valve support installation, operation and routine maintenance.



MODEL RANGE OVERVIEW

CX-10306	CX-10307	CX-10308	CX-10309
			
300 mm (12")	**400 mm (16")**	**500 mm (20")**	**600 mm (24")**
Filter with 1.5" valve	Filter with 1.5" valve	Filter with 1.5" valve	Filter with 1.5" valve

DETAILED MODEL SPECIFICATIONS

MODEL CODE	DESCRIPTION	D (mm)	H (mm)	FILTER AREA (m²)	CONN.	FLOW 30m³/h	FLOW 40m³/h	FLOW 50m³/h	SAND (kg)	Dia
CX-10306	300mm Plastic Filter with 1.5" valve	300	650	0,07	1.5"	2,10	2,80	3,50	35	12
CX-10307	400mm Plastic Filter with 1.5" valve	400	750	0,125	1.5"	4,00	5,00	6,00	50	16
CX-10308	500mm Plastic Filter with 1.5" valve	500	880	0,197	1.5"	6,00	8,00	10,00	70	20
CX-10309	600mm Plastic Filter with 1.5" valve	600	998	0,282	1.5"	8,50	11,30	14,00	150	24

TECHNICAL HIGHLIGHTS

- Seamless molded plastic body
- Top-mounted, 6-position multiport valve
- Pressure gauge, air purge and manual drain
- Residential pool and spa applications

KEY SOURCE NOTES

Table values and decimal commas are preserved. The source also claims 40-130 GPM, but does not reconcile this range with its table. Flow-column headings are retained as printed; their basis requires confirmation.

The old source additionally describes use for public pools or industrial water treatment; confirm the intended application scope.

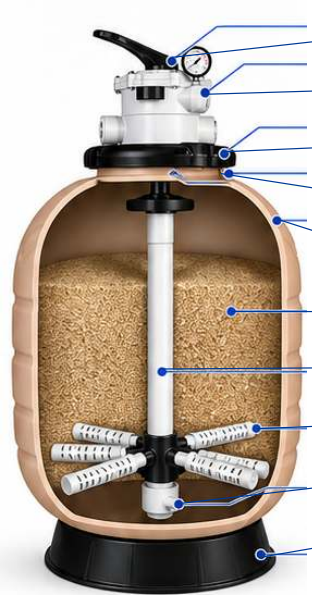
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Materials of Construction & Key Benefits

A durable top-mounted filter for residential pool and spa applications. One-piece molded construction provides strength, easy maintenance and reliable sand filtration.

Sand provides mechanical filtration. The source also describes biological filtration as beneficial bacteria colonize the media and break down organic matter.





1 MATERIALS OF CONSTRUCTION

MOLDED TANK BODY
Single-piece, high-strength molded plastic construction.

CORROSION RESISTANCE
Non-metallic construction resists pool water, chemicals and UV exposure.

PP INTERNAL COMPONENTS
Supplied guide identifies a polypropylene diffuser, standpipe and laterals.

SAND MEDIA COMPATIBILITY
Supplied guide specifies 0.45-0.85 mm sand and glass media.

2 CONSTRUCTION FEATURES

TOP-MOUNTED VALVE
Six operating positions for filtration, cleaning and circulation.

PRESSURE GAUGE
Indicates filter condition and when backwashing is needed.

WATER DISTRIBUTION
Center standpipe and lateral collector arms distribute and collect water.

EASY MAINTENANCE
Top access for inspection and servicing; smooth molded finish.

3 QUALITY & APPLICATION

DURABLE CONSTRUCTION
Molded construction supports long service life.

CHEMICAL RESISTANCE
Non-metallic construction for pool environments.

RESIDENTIAL APPLICATIONS
Suitable for residential pools and spa systems.

ROUTINE MAINTENANCE
Backwash periodically to clean the sand bed.

4 KEY BENEFITS

EFFICIENT
Traps dirt and impurities.

DURABLE
One-piece molded body.

EASY CLEANING
Six-position valve.

COMPACT
Vertical space-saving design.

PRO-MOLDED MODEL FAMILY

CX-10306	CX-10307	CX-10308	CX-10309
300 mm (12")	400 mm (16")	500 mm (20")	600 mm (24")

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Technical Data Sheet



PRODUCT OVERVIEW

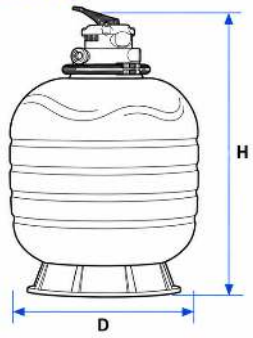
Top-mounted sand filtration with a seamless molded plastic tank, pressure gauge, air purge and manual drain. The 300-600 mm range uses a 1.5" valve connection.

DIMENSION SYSTEM

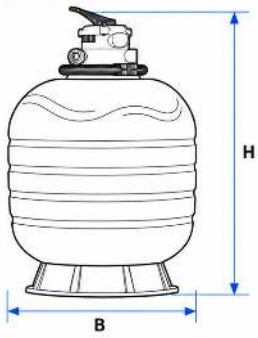
DIM.	DESCRIPTION	CX-10306	CX-10307	CX-10308	CX-10309
D	Tank diameter	300	400	500	600
H	Overall height	650	750	880	998
B	Base size	Not given	Not given	Not given	Not given

Dimensions D and H are taken from the old source table. B is shown in the supplied drawing, but no B values are provided.

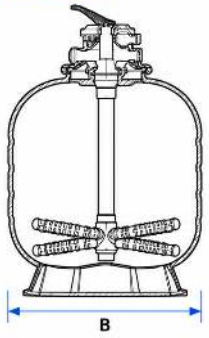
FRONT VIEW



SIDE VIEW



SECTION VIEW



MODEL SPECIFICATIONS

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TECHNICAL NOTES

Table connection: 1.5" for all four models. Dia values: 12, 16, 20 and 24, following the supplied correction. No net weights or carton sizes are supplied.

PRESSURE SOURCE NOTE

Old text: 2.5 kg/cm² for Ø380, Ø430 and Ø480 mm; 2 kg/cm² for Ø520, Ø560 and Ø660 mm. These sizes do not match this 300-600 mm model table; no rating is assigned to the listed codes.

PERFORMANCE & REVIEW

40-130 GPM is an additional source claim; table reconciliation is required. Drawings are reference views, not to scale. PP internals and media grading come from the supplied construction guide.

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Component Identification & Exploded View

The supplied exploded view identifies the major serviceable components of the PRO-Molded top-mounted filter for reference and maintenance.



ASSEMBLED PRODUCT REFERENCE



COMPONENT PARTS IDENTIFICATION			
ITEM	**COMPONENT DESCRIPTION**	**ITEM**	**COMPONENT DESCRIPTION**
1	Pressure Gauge	6	Filter Tank (Molded Body)
2	Multiport Valve (6-position)	7	Standpipe (Center Pipe)
3	Top Mounting Clamp / Neck Ring	8	Lateral Hub and Laterals
4	Tank Lid O-ring (Neck Seal)	9	Base / Foot
5	Tank Opening (Neck)		

NOTE: Component names follow the supplied exploded reference. Part codes and quantities are not supplied.