

## Filter container

### "DRESDEN<sup>2</sup>"

**NEW:**

**Extra big service opening Ø 300 mm at filter diameter 750**



**A guarantee for clean water and low operating costs. BEHNCKE filter containers. Made in Germany.**

The filtering technology is the most important component in the treatment of swimming pool water. BEHNCKE's special filter operating technology not only reduces the energy and water consumption, but the consumption of chemicals as well. And in addition to the economic aspects relating to reduced operating costs, at the same time it also makes an important ecological contribution, i.e. it is an efficient investment in our future.

**BEHNCKE filter container "DRESDEN<sup>2</sup>" - a high quality standard with optimal operating reliability. Excellent cost effectiveness.**

- High-quality thanks to its glass-fiber reinforced polyester resin with inner sealing
- Large service opening at the top: (Ø 220 mm) at filter diameter 500, 600 (Ø 300 mm) at filter diameter 750
- Transparent acrylic cover
- Built-in nozzle cross
- Drain cock with GARDENA hose coupling ¾ "
- Pressure gauge and manual air bleeder
- Betriebstemperatur max. 40°C, Betriebsdruck 2,5 bar
- Max. working temperature 40°C, working pressure 2,5 bar
- Optionally also available in ozone-resistant material
- New PVC container feedthrough with internal thread and connection screw connection

*High-quality workmanship and a perfect finish - the basic prerequisite for BEHNCKE filters.*

*Equipped as standard with an air relief cock on the pressure gauge and with an acrylic glass cover.*



*A high degree of operator friendliness, e.g. a generous service opening and easily accessible connections and screw unions, considerably facilitates any maintenance work incurred and reduces the operating costs.*



#### Filter container "DRESDEN<sup>2</sup>" - Technical specifications

Size x Height	Ø 500 x 910 mm	Ø 600 x 980 mm	Ø 750 x 1240 mm
Outer diameter	Ø 525 mm	Ø 625 mm	Ø 780 mm
Connection *	d 50 / 1 ½ "	d 50 / 1 ½ "	d 63 / 2 "
Filter area	0,20 m <sup>2</sup>	0,28 m <sup>2</sup>	0,45 m <sup>2</sup>

\* Adapter to slip included

## Filter container "DRESDEN<sup>2</sup>"



- Complete with a filter container made of glass-fibre reinforced polyester resin with inner sealing
- Large service opening at the top:
  - (Ø 220 mm) at filter diameter 500, 600
  - (Ø 300 mm) at filter diameter 750
- Transparent acrylic cover
- Built-in nozzle cross
- Drain cock with GARDENA hose coupling ¾ "
- Pressure gauge with manual air bleeder
- 6-way backwash valve or optionally an automatic Besgo valve
- Max. working temperature 40°C, working pressure 2.5 bar
- Fully piped with a self-priming plastic filter pump (GS certified) and a large strainer (connector ready) mounted on a noise-absorbing plastic pallet

### Filtering installation "DRESDEN<sup>2</sup>" - Technical specifications

Size x Flow rate*	Ø 500 mm x 10 m <sup>3</sup> /h	Ø 600 mm x 14 m <sup>3</sup> /h	Ø 750 mm x 25 m <sup>3</sup> /h	Ø 500 mm x 10 m <sup>3</sup> /h	Ø 600 mm x 14 m <sup>3</sup> /h	Ø 750 mm x 25 m <sup>3</sup> /h
Voltage	400 Volt	400 Volt	400 Volt	230 Volt	230 Volt	230 Volt
Height	950 mm	1030 mm	1240 mm	950 mm	1030 mm	1240 mm
Pallet (l x w in mm)	835 x 675 mm	835 x 675 mm	--	835 x 675 mm	835 x 675 mm	--
Weight (approx.)	35 kg	40 kg	72 kg	35 kg	40 kg	72 kg
Pool volume in/out (up to approx.) **	40 (m <sup>3</sup> )	56 (m <sup>3</sup> )	100 (m <sup>3</sup> )	40 (m <sup>3</sup> )	56 (m <sup>3</sup> )	100 (m <sup>3</sup> )
Pump type	Deluxe 11	Deluxe 13	Deluxe 25	Comfort12	Comfort 14	Deluxe 25
Wattage (P1)	0,63 kW	0,75 kW	1,62 kW	0,65 kW	0,97 kW	1,85 kW

\* Flow rate was calculated with a pump output at 5 mH<sub>2</sub>O, under consideration of the DIN EN 16713 with a flow speed ≤ 50 m/h.

\*\* In= indoor pool, one complete water circulation in 6 h; Out= outdoor pool, one complete water circulation in 4 h.

### Required filter material for "DRESDEN<sup>2</sup>"

#### AFM Activated Filter Material

Size, [mm]	Ø 500	Ø 600	Ø 750
Grade 1 (0.4-1.0), [kg/bag]	84/4	105/5	252/12
Grade 2 (1.0-2.0), [kg/bag]	21/1	63/3	126/6
Total amount, [kg/bag]	105/5	168/8	378/18

\*\*\* Für Filtersand DIN EN 12904 ist dieselbe Anzahl der Säcke erforderlich



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