KATADYN®
MAKING WATER DRINKING WATER

FACT SHEET

KATADYN CARBODYN - Activated Carbon Element

PRODUCT CHARACTERISTICS

Technology:	Adsorbs free chlorine and other organic contaminants
Weight:	Dry: Approx. 300 g (10.6 oz) Wet: Approx. 530 g (18.7 oz)
Dimensions:	268 x ø 55 mm
Operation Pressure:	Min. 1 bar/14.5 psi, max. 7 bar/100 psi, t < 35° C/95° F
Temperature for use:	5° C (41° F) - 35° C (95° F)
Article No.:	20704

DESCRIPTION
The Katadyn Carbodyn element is a high-performance activated carbon filter that adsorbs free chlorine and other organic contaminants that contribute to bad taste and odor or may be unhealthy. An efficient 10 micron sediment filter retains suspended solids. In addition, the level of lead and other heavy metals is reduced. The carbon filter is protected by food-grade plastic caps.

SAFETY
To avoid any bacterial contamination after the removal of chlorine and lead, the Carbodyn is normally only used in combination with a Katadyn 0.2 micron ceramic filter element (e.g. Ceradyn).

APPLICATION
The activated carbon element is suited for filters for domestic point-of-use applications in combination with a Katadyn ceramic element.

FUNCTION
High-performance activated carbon block.

FLOW RATE
Depends on the filter system in which the element is installed.
Capacity min. 5.5 l/min (1.45 gpm) at 3 bar (43.5 psi) and 20° C (68° F)

PERFORMANCE
More than 90% chlorine reduction for at least 10,000 liters (2,600 U.S. gallons). This number is based on a test with a flow rate of 3 l/min (0.75 gpm) and 20° C, containing 2 ppm of free chlorine.
More than 90% lead reduction for at least 10,000 liters (2,600 US gallons). This number is based on a test with a flow rate of 2.6 l/min (0.7 gpm) and 20° C, containing 150 ppb of soluble lead.

THREAD
G 1/4" male thread

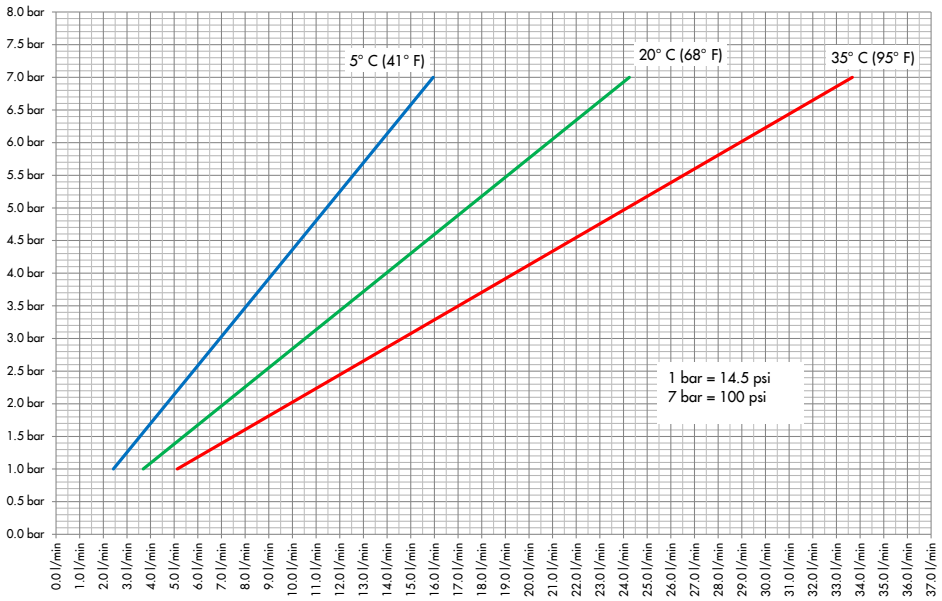
SERVICE LIFE
The Carbodyn's lifetime is determined by the demand for chlorine adsorption and lead reduction. The service life depends on the quality of the water. Turbid water may clog the filter before the chemical capacity is reached. Replacement of the Carbodyn element after 12 months. Filters up to 16,000 liters (4,200 U.S. gallons) of water.

KATADYN CARBODYN - Activated Carbon Element

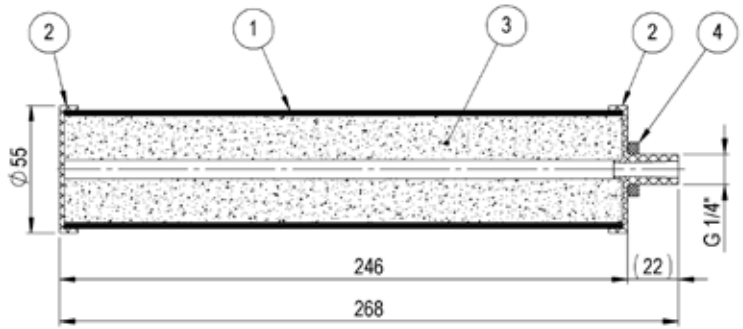
MAINTENANCE

The filter element should be completely air-dried every second week during its lifetime. We therefore recommend having two elements to alternate in use.

FLOW RATE DIAGRAM



MATERIALS



❶	**10 MICRON PREFILTER WRAP**	PP, three layer
❷	**END CAPS**	PPO black
❸	**AC BLOCK**	high-performance activated carbon
❹	**OUTLET SEAL**	EPDM

All materials are approved for use in drinking water applications.

Katadyn reserves the right to modify product characteristics

Katadyn Products Inc. | Pfäffikerstrasse 37 | 8310 Kemptthal | Switzerland
Tel: +41 44 839 21 11 Fax: +41 44 839 21 99
info@katadyn.ch | www.katadyn.com