MICROFILTER

VHC-IEN Series

Scale protection and carbon-block filtration for coffee, vending and commercial catering equipment.

100%
water treated against scale

5 µm
fine particle filtration

5 sec
flush, using just 80 ml



KEY FEATURES

Dual scale protection
Ion-exchange resin plus phosphates to guard boilers and pipework.

Premium carbon block
Removes chlorine taste and odour from every cup.

8-step precision bypass
Dial in exactly the hardness each machine needs.

Quarter-turn quick change
No tools, and Instant Flush means minimal downtime.

THE RANGE

MODEL	CAPACITY*	SIZE D × H	AVAILABILITY
VHC-IEN 1500	2,151 L	119 × 348 mm	Feb 2027
VHC-IEN 3000	**3,711 L**	119 × 404 mm	**Available now**
VHC-IEN 6000	6,857 L	150 × 404 mm	Feb 2027
VHC-IEN 9000	10,439 L	150 × 560 mm	Feb 2027

*At 10 °dH, dial 3. All models fit the same FLUUX head.

SPECIFICATION

Flow rate	**1 L/min at 60 psi**
Pressure	**2.1–7.0 kgf/cm²**
Water temperature	**4–38 °C**
Bypass	**0–7 (factory set 3)**
Installation	**Vertical or horizontal**
Tubing	**3/8"**

DIAL SETTING & ESTIMATED CAPACITY (LITRES)

Indicative · full chart on request

HARDNESS °DH	DIAL	1500	**3000**	6000	9000
4	7	7,218	**12,451**	23,010	35,028
6	5	4,246	**7,324**	13,536	20,606
8	4	2,920	**5,037**	9,309	14,171
10	3	2,151	**3,711**	6,857	10,439
12	2	1,641	**2,829**	5,227	7,958
16	2	1,231	**2,122**	3,921	5,968
20	1	902	**1,557**	2,877	4,379
25	1	722	**1,245**	2,301	3,503
30	1	601	**1,037**	1,916	2,917
35	0	469	**809**	1,495	2,275

Steam boilers and combi ovens: set the dial 2 steps lower for extra protection.

Service — replace every 12 months or at rated capacity. Cold water only.

Safety — fit a PLV at 4 kgf/cm² in high-pressure areas.

Warranty — 6 months. Shelf life up to 2 years, sealed.

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