

Scale Control Coffee & Vending



ScaleGard® Pro Range

A disposable scale control system designed to protect coffee and vending equipment from scale build up.

Designed to prevent hard scale formation in the heating coils that results in energy inefficiency, downtime and expensive service calls.

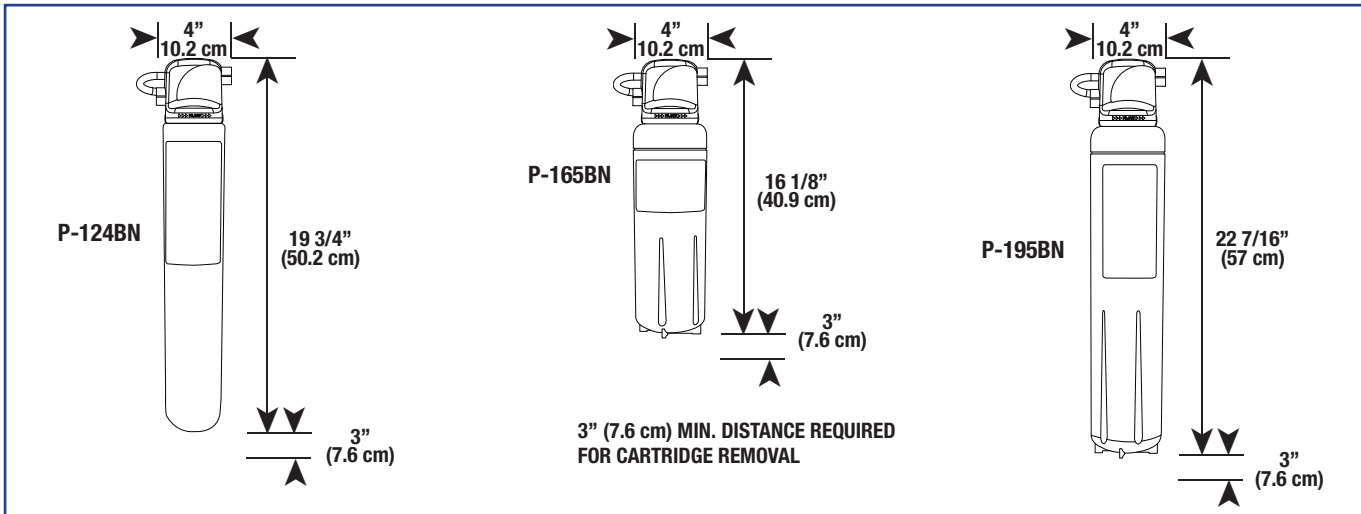
Features

- New larger cartridges
- Disposable cartridge system
- Resins for scale control
- Carbon block post filter
- Proprietary pH neutral media
- Built in bypass
- Encapsulated cartridge
- Sanitary quick change head
- Compact unit with bracket
- 3/8" FNPT female inlet and outlet connections

Benefits

- Greater capacity, longer life
- Lower investment and service costs than pod systems
- Removes scale forming minerals so there is little or no scale build up and service costs are dramatically reduced
- Removes chlorine taste and odour and requires minimum flush
- Designed for long service life and no corrosion
- Recipe quality water for hot beverages
- Rapid change-out requires no expertise or tools
- No contamination or leaks as 'O' rings are changed in ¼ turn with cartridge
- Can be mounted in a cabinet or off the floor
- Easy to connect to existing pipework

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Coffee and vending scale control range and technical specifications

Model/System	Capacity gal/grain (litres/ppm)	Flow gpm (lpm)	Reduction Claims		Components			
			Hardness taste & odour	Chlorine	Head		Cartridge	
					Model	Part No	Model	Part No
SGP124BN-T(5617603)	423 gal @ 10.5 gpg 1,600l @ 180 ppm	0.5 (1.9)	•	•	VH3-NPT	6213003	P-124BN	5610901
SGP165BN-T(5617601)	719 gal @ 9 gpg 2,300l @ 180 ppm	1.0 (3.8)	•	•	VH3-NPT	6213003	P-165BN	5615601
SGP195BN-T(5617602)	1,200 gal @ 9 gpg 3,600l @ 180 ppm	1.0 (3.8)	•	•	VH3-NPT	6213003	P-195BN	5615001

Sizing Guide

Incoming hardness all systems		SGP124BN-T		SGP165BN-T		SGP195BN-T	
grains	ppm	Gallon (Litre) Throughput Before Changeout	Number of 4 oz (120ml) Cups	Gallon (Litre) Throughput Before Changeout	Number of 4 oz (120ml) Cups	Gallon (Litre) Throughput Before Changeout	Number of 4 oz (120ml) Cups
6	110	693 (2,618)	21,817	996 (3,764)	31,364	1,645 (6,218)	51,818
8	140	544 (2,057)	17,142	782 (2,957)	24,643	1,293 (4,886)	40,714
10	180	423 (1,600)	13,333	608 (2,300)	19,167	1,005 (3,800)	31,667
12	210	363 (1,371)	11,425	521 (1,971)	16,429	862 (3,257)	27,143
14	250	305 (1,152)	9,600	438 (1,656)	13,800	724 (2,736)	22,800
16	280	272 (1,029)	8,575	391 (1,479)	12,321	646 (2,443)	20,357
18	320	238 (900)	7,500	342 (1,294)	10,781	566 (2,138)	17,813
20	360	212 (800)	6,667	304 (1,150)	9,583	503 (1,900)	15,833
22	390	195 (738)	6,150	281 (1,062)	8,846	464 (1,754)	14,615
24	430	177 (670)	5,583	255 (963)	8,023	421 (1,591)	13,256
26	460	166 (626)	5,217	238 (900)	7,500	393 (1,487)	12,391

Capacities are guidelines only. Actual capacity will be dependant on water quality, machine type and flow characteristics.

For commercial use with cold water only. For all systems, heads and cartridges are sold separately. Head comes with integral mounting bracket. Maximum operating pressure is 125psi. Except SGP 165BN & SGP 195BN (100psi) Inlet and outlet connections are 3/8" FNPT female. NSF performance data sheet included. All materials are FDA CFR 21 compliant. Maximum operating temperature is 38°C.

Do not use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system. Filters should be changed every six months. Scheduled maintenance is recommended. 3M cannot be liable for system failures due to improper maintenance.



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