



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.

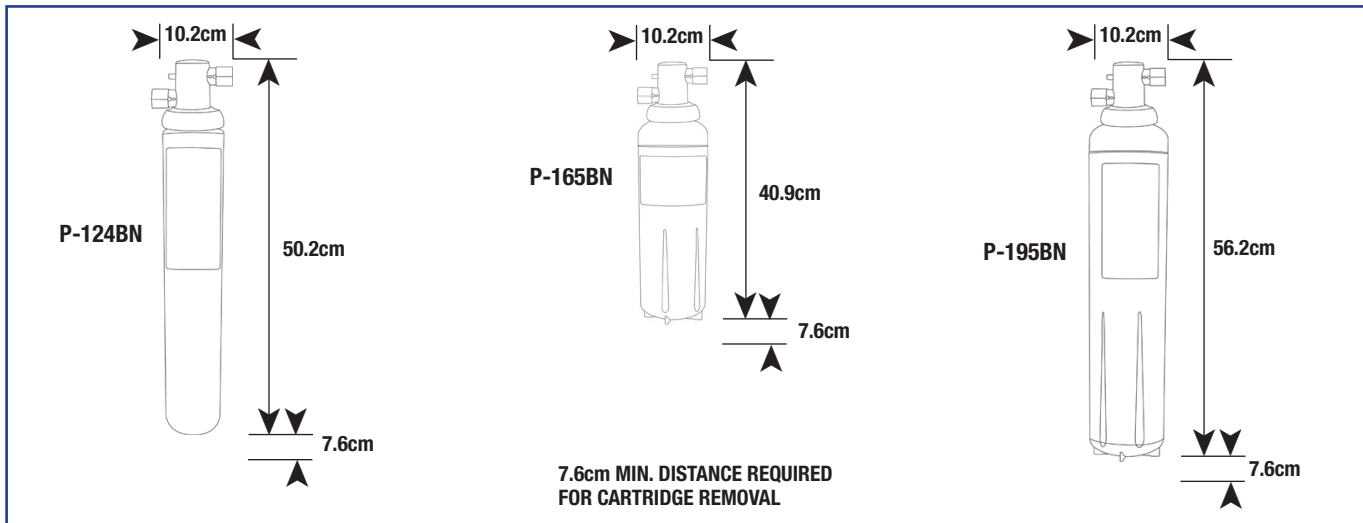
Features

- 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" BSPT 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 (litres) (lpm)	Flow	Reduction Claims		Components			
			Hardness taste & odour	Chlorine	Head Model	Part No	Cartridge Model	Part No
SGP 124BN-T	1,600l @ 180 ppm	1.9	•	•	VH3-BSPT	70020114164	P-124BN	70020019876
SGP 165BN-T	2,300l @ 180 ppm	3.8	•	•	VH3-BSPT	70020114164	P-165BN	70020020692
SGP 195BN-T	3,800l @ 180 ppm	3.8	•	•	VH3-BSPT	70020114164	P-195BN	70020020544
Digital Flow Meter Kit for ScaleGard® Pro								FD000092086

Sizing Guide

Incoming hardness all systems			SGP 124-BN			SGP 165-BN			SGP 195-BN		
°d	°f	ppm	Litre Throughput Before Changeout	Number of 120ml Cups	Number of 180ml Cups	Litre Throughput Before Changeout	Number of 120ml Cups	Number of 180ml Cups	Litre Throughput Before Changeout	Number of 120ml Cups	Number of 180ml Cups
6	11	110	2,618	21,817	14,400	3764	31,364	20,909	6218	51,818	34,545
8	14	140	2,057	17,142	11,314	2957	24,643	16,429	4886	40,714	27,143
10	18	180	1,600	13,333	8,800	2300	19,167	12,778	3800	31,667	21,111
12	21	210	1,371	11,425	7,543	1971	16,429	10,952	3257	27,143	18,095
14	25	250	1,152	9,600	6,336	1656	13,800	9,200	2736	22,800	15,200
16	28	280	1,029	8,575	5,657	1479	12,321	8,214	2443	20,357	13,571
18	32	320	900	7,500	4,950	1294	10,781	7,188	2138	17,813	11,875
20	36	360	800	6,667	4,400	1150	9,583	6,389	1900	15,833	10,556
22	39	390	738	6,150	4,100	1062	8,846	5,897	1754	14,615	9,744
24	43	430	670	5,583	3,684	963	8,023	5,349	1591	13,256	8,837
26	46	460	626	5,217	3,478	900	7,500	5,000	1487	12,391	8,261

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" BSPT 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. In line with current good practice and EPDWA schedules, 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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