



# SMF Espresso 12000



**System Part #:** 82-1620  
**Replacement Cartridge #:** 108-620

### Applications:

- Coffee, Tea, Cappuccino and Espresso Machines

### Benefits:

- No pre filter required
- One Filter can do it all!!!
- Dirt, Chemical and Chloramines reduction
- Low pressure drop
- Improve taste of brewed beverages
- Provide safe, clean ingredient water

### Features:

- Ceramic Media & Ultra High Porosity Carbon
- Nylon construction withstands high pressure
- Modular filter design for up to 80% less installation time!
- 40 times more dirt holding capacity than conventional carbon block filters and other polypropylene sediment filters!
- 30 times the chloramine reduction of a conventional carbon block

### Specified to:

- Inhibit scale build up
- Reduce pitting and corrosion of equipment
- Reduce chlorine, chloramine, bad taste and odors, total organic compounds, tannins and trihalomethanes

### Materials of Construction

Filter Media	Hollow Carbon & Ceramic Media
Housing	polypropylene
Head	Proprietary reinforced nylon

SMF Espresso 12000 hardware has been independently tested against NSF/ANSI Std. 42  
 Do not use with water that is microbiologically unsafe or of unknown quality

### Cartridge Specifications and Performance Data

Model	Maximum Dimensions	Micron Rating	Initial ΔP (psi) at Flow Rate (gpm)	Chlorine Reduction & Scale Control Capacity at Flow rate (gpm)	Temperature Rating
<b>SMF Espresso 12000</b>	14" x 9" x 29"	5.0	1-5 psi @ 2 gpm @ 60 psi	12,000 gallons @ 2 gpm 45,420 liters @ 7.58 Lpm	40°F to 100°F

### Test Parameters

Substance	Influent Challenge Concentration	Reduction Requirement	Maximum Permissible Product Water Concentration mg/L	Actual Reduction Percentage
Chlorine	2.0 mg/L ± 10%	≥ 50%	1.0	99%

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