



# SMF Espresso 7500



**System Part #:** 82-1600  
**Replacement Cartridge #:** 108-600

### 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:

- 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 7500 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 at Flow rate (gpm) | Temperature Rating |
|--------------------------|--------------------|---------------|-------------------------------------|---|--------------------|
| <b>SMF Espresso 7500</b> | 14" x 9" x 19"     | 5.0           | 1-5 psi @ 1 gpm @ 60 psi            | 7,500 gallons @ 1 gpm<br>28,388 liters @ 3.79 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%                         |

# SMF Espresso 7500

|                                   |  |
|-----------------------------------|--|
| SYSTEM PART:                      | #82-1600   |
| REPLACEMENT CARTRIDGE:            | #108-600   |
| RATED CAPACITY (GALLONS) @ 5 GPM: | CHLORINE *: 10,000<br>CHLORAMINE *: 3,000<br>SCALE REDUCTION (GALLONS) : 7,500 |
| FLOW RATE:                        | 1 GPM  |
| MIN./MAX. PRESSURE:               | 40– 125 PSI  |
| MIN./MAX. TEMP.:                  | 40°– 100° F  |
| INLET/OUTLET SIZE:                | 1/2" BARB STANDARD<br>17 MODULAR FITTINGS AVAILABLE                            |
| SHIPPING WEIGHT:                  | 19 LBS.  |
| DIMENSIONS (W/D/H):               | 14/9/ 19"  |



## COFFEE, TEA & ESPRESSO APPLICATIONS

FOR: SCALE REDUCTION, CHLORINE,  
CHLORAMINE, SEDIMENT, THMS,  
ORGANICS, TANNINS, BAD TASTE AND  
ODOR REDUCTION

VOLUME: LOW-MEDIUM

### SPECIFIED TO:

- INHIBIT SCALE BUILD-UP
- REDUCE PITTING OF HEATING ELEMENTS IN COFFEE/TEA BREWERS
- IMPROVE TASTE OF BREWED BEVERAGES
- PROVIDE SAFE, CLEAN INGREDIENT WATER
- REDUCE CHLORINE, CHLORAMINE, BAD TASTES AND ODORS, TOTAL ORGANIC COMPOUNDS, TANNINS AND TRIHALOMETHANES

### FILTER BENEFITS:

- ONE FILTER CAN DO IT ALL: DIRT REDUCTION, CHEMICAL REDUCTION, CHLORAMINES REDUCTION AND SCALE REDUCTION! NO PRE-FILTER REQUIRED!
- THE FIRST JUMBO SANITARY FILTER ON THE MARKET!
- NYLON CONSTRUCTION TO WITHSTAND HIGH PRESSURE!
- FILTER PERFORMANCE GUARANTEE!
- 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!
- LOW PRESSURE DROP!
- MODULAR FILTER DESIGN FOR UP TO 50% LESS INSTALLATION TIME!
- QUICKLY ADD FITTINGS FOR EXTRA FILTER CAPACITY WITH NO TOOLS REQUIRED!

### TECHNOLOGY:

- CERAMIC MATRIX WITH ULTRA HIGH POROSITY CARBON
- NANOCRYSTAL

### APPLICATIONS:

- COFFEE BREWERS
- TEA BREWERS
- ESPRESSO & CAPPUCCINO MACHINES

\*Independently tested by an E.P.A. approved laboratory to ANSI/NSF Standard 42 specifications for the reduction of Particulate Class II, Chlorine, Chloramine, Taste and Odor.



Base system has been tested and certified by NSF International against ANSI/NSF Std. 42. Please visit [www.nsf.org](http://www.nsf.org) for specifications.

Do not use with water that is microbiologically unsafe or of unknown quality.

**selecto**

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