



Project _____

Model # _____ Quantity _____



Downdraft Air Filtration System

(For use with Spring USA Induction Ranges)

Model #	Voltage	Power
AF-350	110-120	350 W
AF-350-3	220-240	350 W

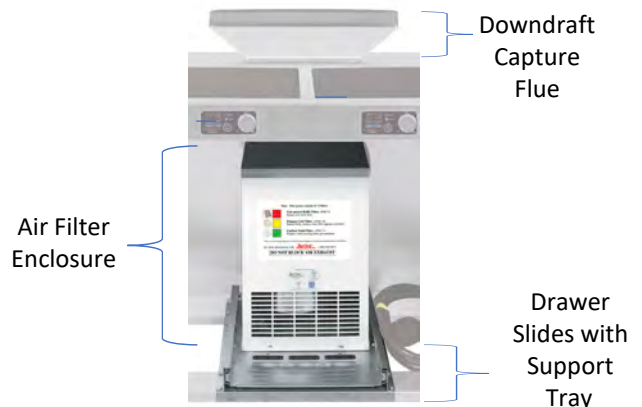
Description:

Spring USA's Downdraft Air Filtration System is specifically designed for filtering grease-laden air resulting from preparation of food through the use of an induction heat source. With a high-efficiency, triple-filter system, the unit significantly reduces the amount of condensation on nearby kitchen surfaces and helps maintain an odor-free environment.

Construction Features:

- Modular, 18 gauge, polyurethane powder coated enclosure, designed for easy under-counter installation
- Drawer slides with stainless steel support tray for easy filter access
- Flared, stainless steel, counter-level downdraft capture flue with removable stainless steel filter cap
- Quiet running blower

- Washable, galvanized baffle prefilter
- High-efficiency, rigid-cell, primary filter
- Carbon-absorption, ring-panel, final filter
- Power ON/OFF switch with indicator light
- 6 ft. power cord with NEMA 5-15P plug for single-point power connection



Jan 2025



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Downdraft Air Filtration System

Performance:

- ASHRAE 52 Capture: 95% dust spot efficiency
- MERV No. 14 Capture: 98.8% of 3-10 micron particles or 96.7% of 1-3 micron particulate
- Nominal velocity: 3000 FPM at flue intake
- Noise level:
 - 64 dBA at 6 ft.
 - 62 dBA at 12 ft.

Blower Rating	
CFM	ESP
350	0.50"
240	2.00"
100	2.75"

Note: All data has been obtained under controlled conditions with clean filters. Variables occurring under actual working conditions may cause a slight variance to these specifications.

Standard Warranty:

- One year, parts & labor (excluding filters)

Agency Listings:

- UL STD 197
- UL ANSI/NSF STD 4
- UL ANSI/NSF No. 2
- CETL



Included Parts:

- Replacement filters
 - Galvanized baffle prefilter (Item #AF9879)
 - Rigid-cell primary filter (Item #AF98710)
 - Ring-panel final filter (Item #AF98711)
- Stainless steel intake counter flange for countertop hole cutout (Item #AF9876)
- Attached countertop intake cover (Item #AF98715)
- Drawer Slide with Tray (Item #AF98712)



Order Guide:

# of Induction Ranges	# of Downdraft Air Filtration Systems
1	1
2	1
3	2
4	2
5	3
6	3
7	4
8	4

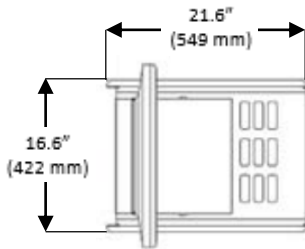
Downdraft Air Filtration System

Electric Requirements:

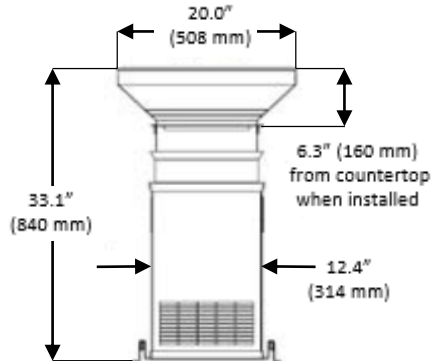
Model #	Voltage	Phase	Hertz	Watts	Amps	Plug
AF-350	110-120	1	60	350	2.9	NEMA 5-15P
AF-350-3	220-240	1	50-60	350	1.5	CEE-7/7 16A Schuko, BS 1363 13A UK

Key Dimensions:

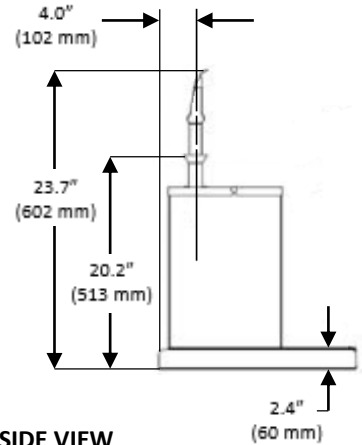
TOP VIEW



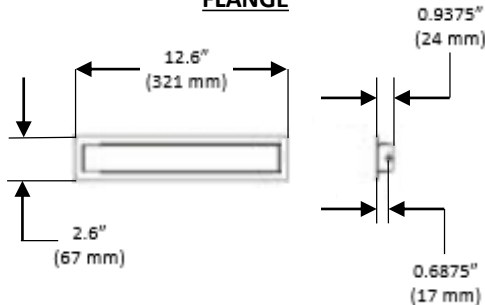
FRONT VIEW



SIDE VIEW



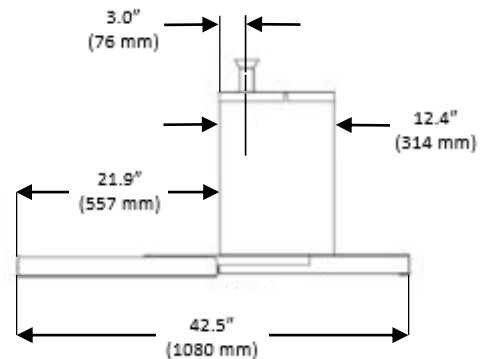
INTAKE COUNTER FLANGE



Countertop Hole Cutout:
11.7" x 1.7" (297 mm x 43 mm)

SIDE VIEW

(with tray extended and flue intake removed)



Total Net Weight: 60 lb. (27.2 kg)



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Downdraft Air Filtration System

Shipping Dimensions:

Model #	Length	Width	Height	Weight
AF-350	25" (635 mm)	25" (635 mm)	26" (660 mm)	80 lb. (36 kg)
AF-350-3				

Notes & Conditions:

1. Spring USA's Downdraft Air Filtration System is designed exclusively for use with built-in induction ranges and cannot be used as a stand alone device or with other heating devices. Any other use voids the warranty and does not comply with UL standards of operation.
2. Spring USA's Downdraft Air Filtration System is not a kitchen ventilation hood.
3. Ensure that you have dedicated power wherever you are planning to use the Downdraft Air Filtration System. Refer to the manual for detailed instructions regarding operation.
4. Spring USA's Downdraft Air Filtration System must be installed in a base cabinet or display cooking pedestal by a qualified contractor.
5. Spring USA Induction Servers and Induction Warmers/Ranges are designed to work together as a system. Optimal performance is achieved by using Spring USA components in conjunction with each other. As the first to offer such induction systems, Spring USA cannot warranty the performance of facsimile products offered by other companies.