

ELF375DSS

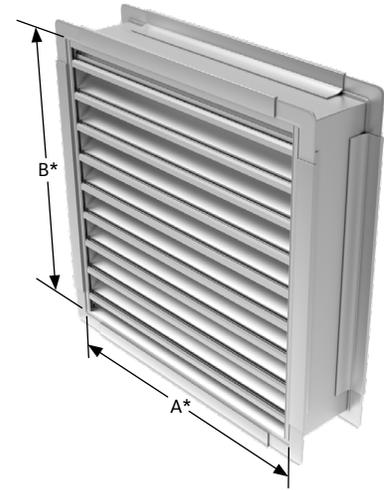
Snow Stopper / Eliminator Louver

APPLICATION

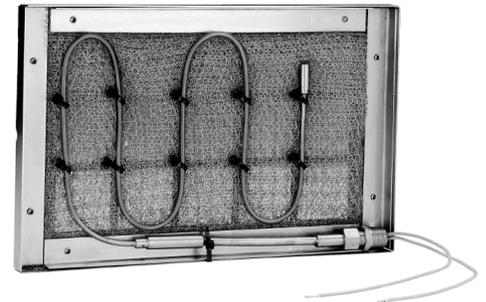
The ELF375DSS Snow Stopper reduces snow infiltration beyond by capturing snow in a fine stainless steel mesh. A heat trace in the mesh melts a sufficient amount of the snow to allow airflow through with relatively low pressure drop. The Snow Stopper snow mesh is factory-mounted to the louver in an aluminum sleeve. Each snow mesh panel is provided with a pigtail for field cutting and wiring into the power supply. **Controls, sensors, electrical terminations and conduit are provided by others.**

STANDARD CONSTRUCTION

Louver	ELF375DX Drainable Stationary Louver - See specification sheet for construction details.
Materials	Louver - Extruded aluminum Sleeve - Formed aluminum Snow Mesh and Frame - 304 stainless steel Trace Heater - Inconel
Minimum Single Section Size	14 3/4" x 25 1/2" (374.65 x 647.7) - Louver Assembly 14" x 20" (355.6 x 508) - Snow Stop Panel at rear
Maximum Single Section Size	48" x 90" (1219.2 x 2286) - Louver Assembly 48" x 42" (1219.2 x 1066.8) - Snow Stopper Panel at rear Louvers larger than this size will be shipped in multiple sections for field assembly.
Maximum Overall Field Assembled Size	Unlimited width x 90" high (2286).
Airflow Range	0 to 350 fpm (1.8 m/s) face area velocity.
Air Temperature Operating Range	32°F to -40°F.
Power Requirements	208/240/277 volts, 1 phase a/c. For temperatures from -20°F to -40°F: 198 watts/ft ² .
Surface Temperature of Heat Trace	198 watts/ft ² : 400°F.



ELF375DSS SNOW STOPPER LOUVER



SNOW STOPPER SNOW MESH



YEAR LIMITED WARRANTY

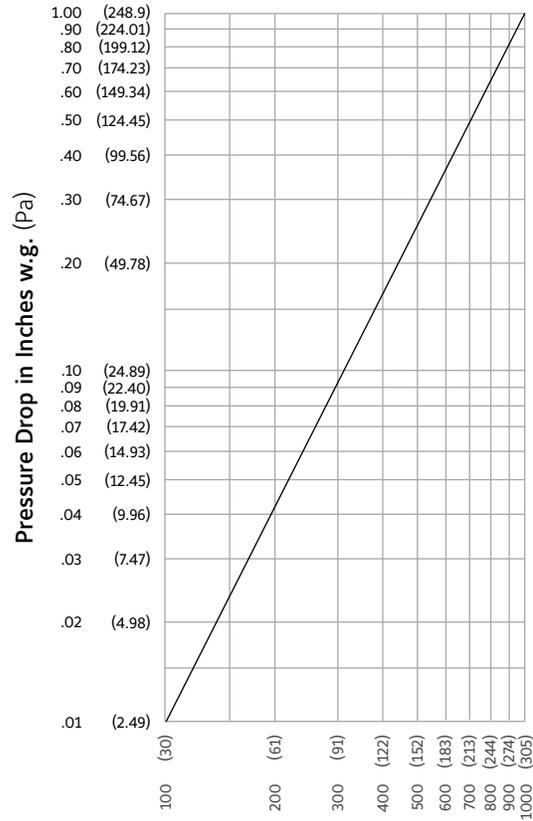
ISO9001 CERTIFIED

Note:

- Dimensions in inches, parenthesis () indicate millimeters.
- Units can be furnished actual size or with size deducts.

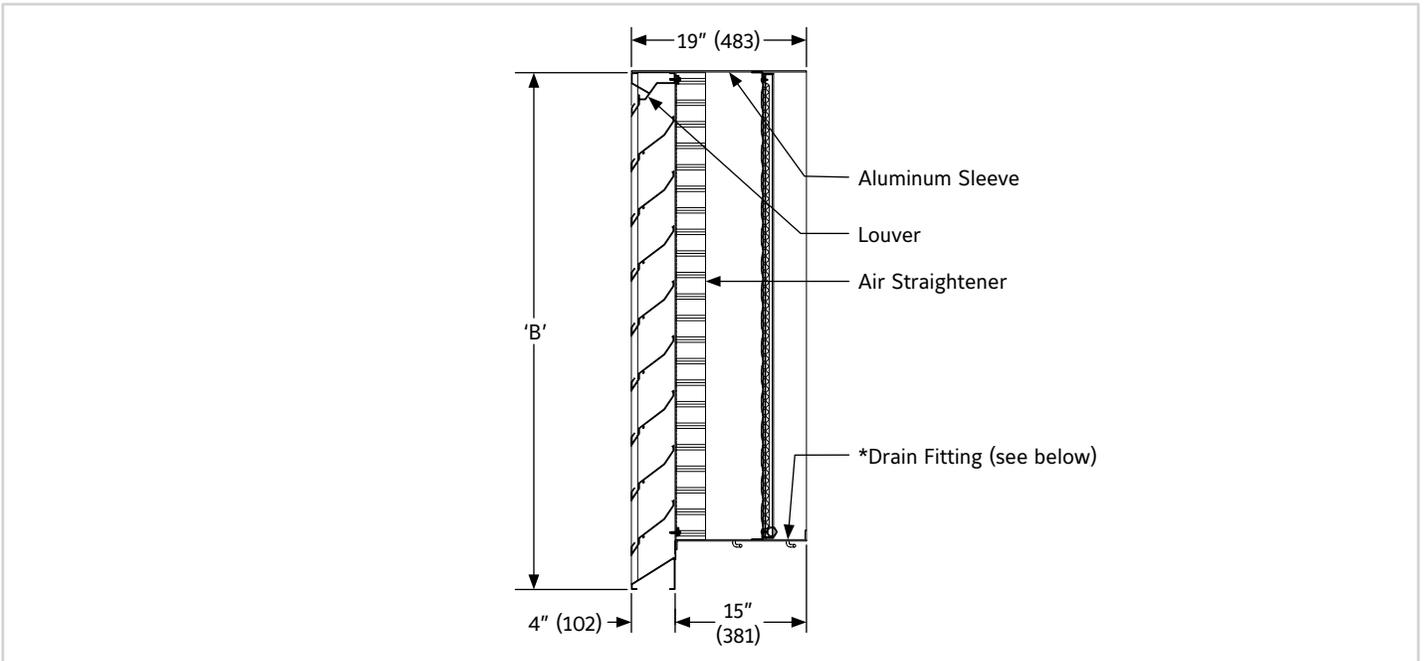
PRESSURE DROP

Louver, Straightener And Snow Mesh Combined



Air Velocity in feet (meters) per minute through Free Area of Louver

ELF375DSS SNOW STOPPER LOUVER SECTION DETAIL



*Piping to Drain Fitting provided by others.

SUGGESTED SPECIFICATION

Furnish and install Ruskin ELF375DSS Snow Eliminators with ELF375DX louvers and heated snow eliminator mesh as hereinafter specified where shown on plans or as described in schedules. Heated mesh to be factory installed to louvers in aluminum sleeve. Mesh and framing shall be manufactured of 304 Stainless Steel. Mesh panels to utilize a metal-sheathed cable heat trace as the heating element. The conductor shall be electrically insulated from the metal sheath with magnesium oxide (MgO). Mineral insulated cable to be a series resistance heater that generates heat by passing current through the electrical conductor. Outer sheath construction to be Alloy 825 Inconel.

LINKS TO IMPORTANT DOCUMENTS

Document Title
Paint Finishes and Color Guide
Limited Warranty Document



3900 Doctor Greaves Road
Grandview, MO 64030
Website: www.ruskin.com
Phone: (816) 761-7476