



AIRFLOW & ZONE CONTROLS

OSG

Occupancy-Sensing Grilles

PRODUCT SPECIFICATIONS & TECHNICAL DATA



VENTILATION PROPERTIES

- Basic flow rate manually adjustable by the switch: 15, 30, 45 or 60 CFM.
- Flow rate automatically reduced to 3-5 CFM when the room is unoccupied.
- Airflow rates are based on 0.40 in. w.g. (100 Pa).
- The OSG operating range is from 0.28-0.52 in. w.g (70-130 Pa). Under these usage conditions, the relative variation of the flow at each ventilation orifice is limited to 15%.
- Manually adjustable maximum airflow setpoints based on the following table:

Switch Position	Corresponding Flow Rate
•	15 CFM
• •	30 CFM
• • •	45 CFM
• • • •	60 CFM



Switch

DESCRIPTION

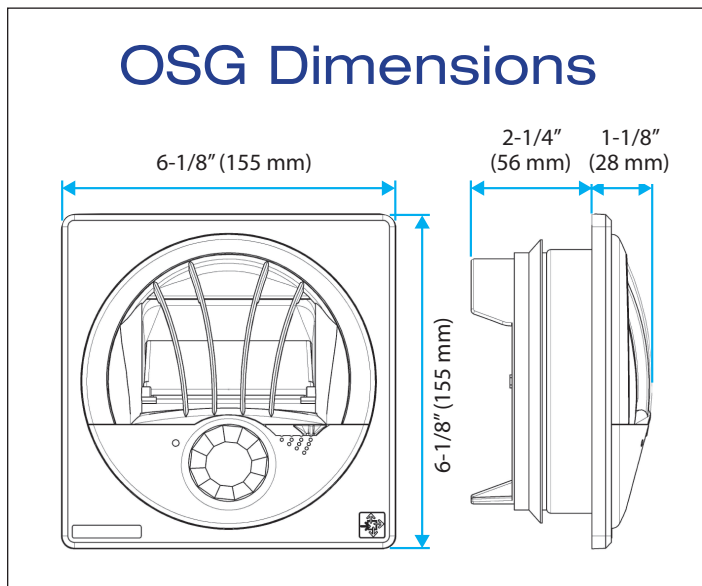
The OSG Occupancy-Sensing Grille is a stand-alone terminal that automatically boosts the exhaust airflow when a room is occupied. A lens detects movement and triggers circuit opening (instantaneous) and closing (after a 20-minute time out). During installation, the grille is manually set for a boost flow rate of 15,30,45, or 60 CFM. The minimum airflow rate is 3-5 CFM when the space is unoccupied.

APPLICATIONS

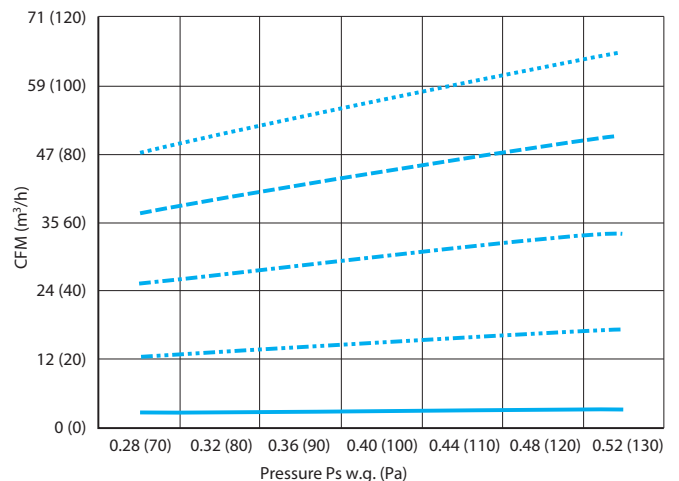
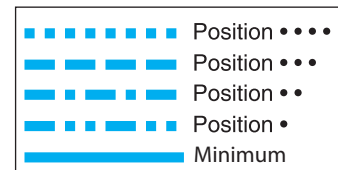
The OSG is designed for spaces that are not occupied continuously. It is ideally suited for bathrooms, laundry rooms, and kitchen areas.

SWITCH

A switch allows the user to set the basic airflow according to the standard occupancy level of the room.



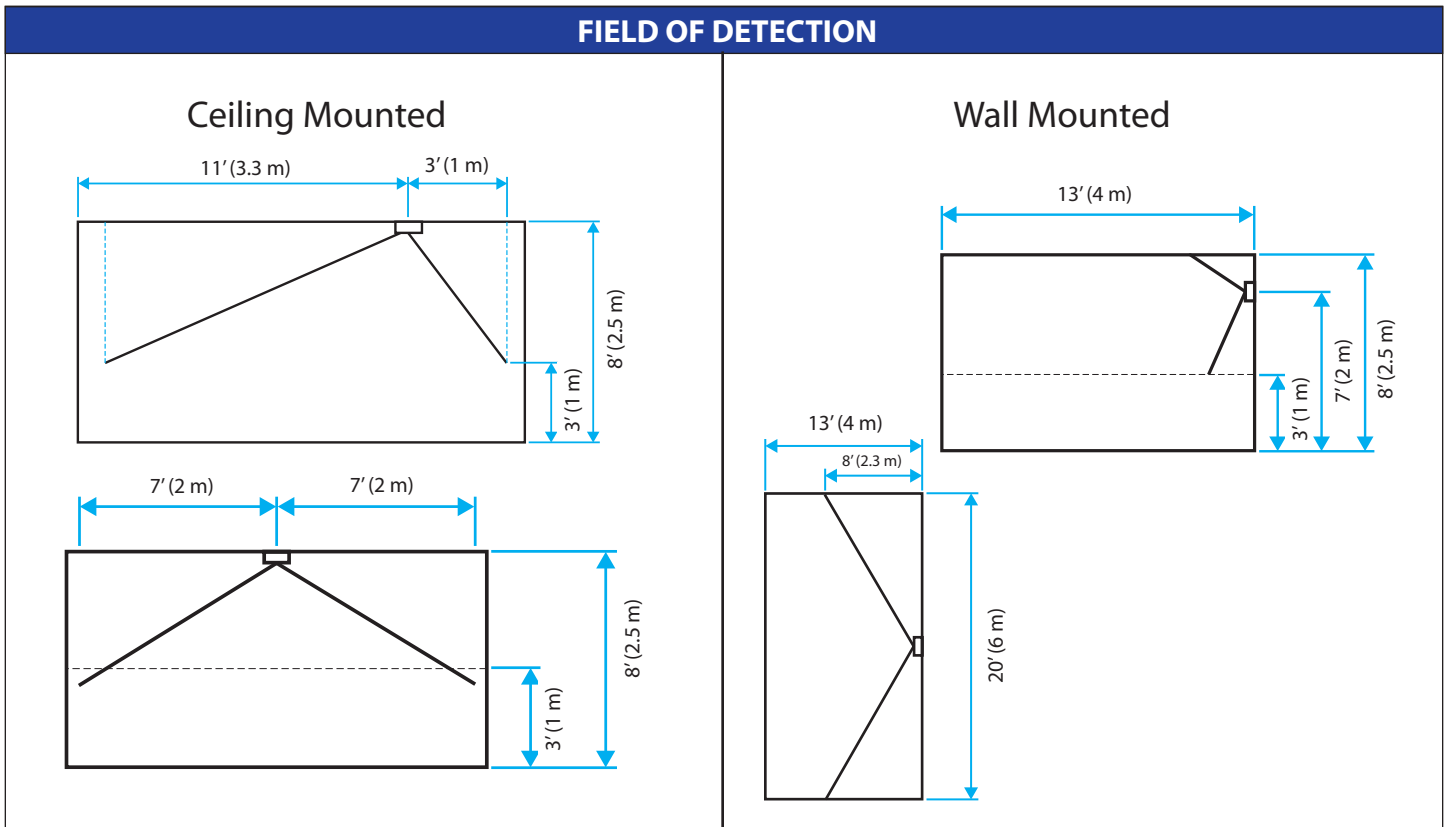
Airflow Performance



ACOUSTIC PROPERTIES				
Duct Pressure	Decibels (dB)			
	Switch Position			
	•	• •	• • •	• • • •
0.4" in.w.g (100 Pa)	30	30.3	32.2	33.3

OSG MODELS					
Part Number	Model	Timer	Power Supply	Connection to Relay	Type of Relay (Not Included)
17 105	OSG-9V	20-minute	Connector for standard 9V alkaline 6LR61 battery (battery supplied)	--	--
17 106	OSG-12V	20-minute	12 VAC (black cable)	--	--
17 126	OSG-12V+	20-minute	12 VAC (black cable)	Cable for relay (gray cable)	6V DC relay, coil current, 100mA max.
17 107	OSG-F	--	--	--	--

ACCESSORIES	
17 110	12 VAC Transformer, 12 VAC Fuse



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