

Louvers and Dampers for High-Expansion Foam Generators

Features

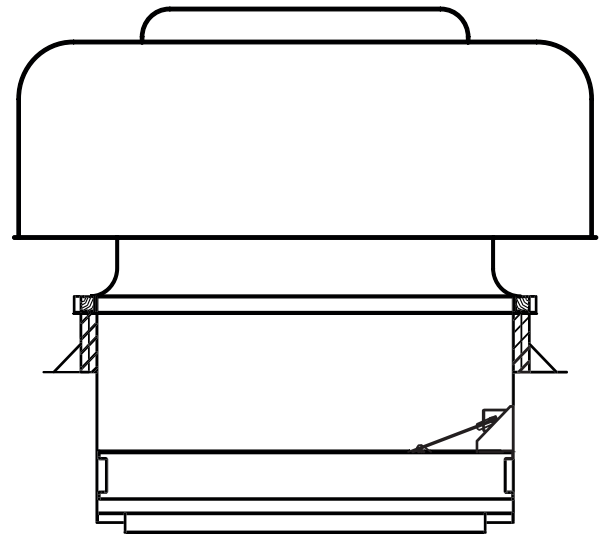
- Wall and roof intake models available for most SKUM HIEX High-Expansion Generator models
- NEMA 4 or NEMA 7 actuators
- 110 VAC / 60 Hz power on standard models. Other electrical requirements available on request.
- Supplied complete with damper, actuator, roof curb (as applicable), weather hood, and bird screen

Application

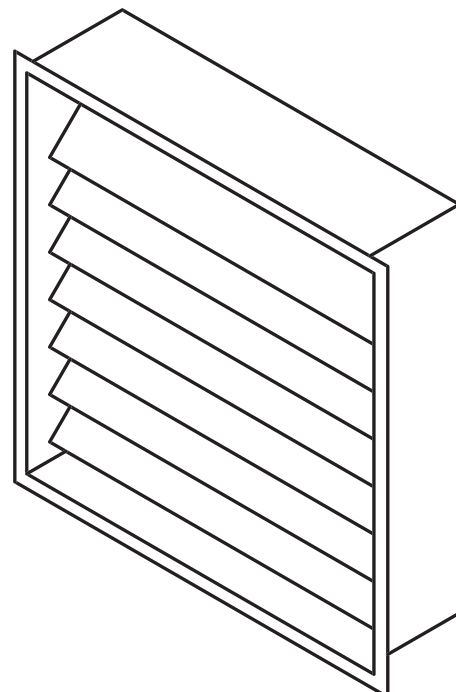
Electric actuated louvers and dampers are available when the use of outside air is required to generate the high-expansion foam blanket. Intake dampers and weather hoods provide a means of supplying outside air to the generator through either the roof or wall of the protected space. Depending on the specific installation, ducting (not designed or supplied by Johnson Controls) may be required to connect the air intake to the high-expansion foam generators. Relief louvers can exhaust air from the protected space when outside air is supplied to the high-expansion foam generators to avoid overpressure which may decrease foam output.

Description

All standard electric louver and damper models are for use with 110 VAC and are held in the closed position when energized. In the event of a power interruption, they are designed to open so the high-expansion foam system operates despite the loss of power. Air intake dampers are available for wall or roof mounting and are supplied with a damper with actuator (NEMA 4 or NEMA 7), roof curb if applicable, weather hood, and bird screen. Relief louvers are only available for wall mounting.



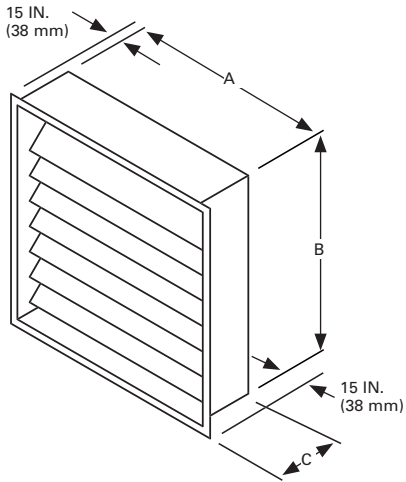
DAMPER



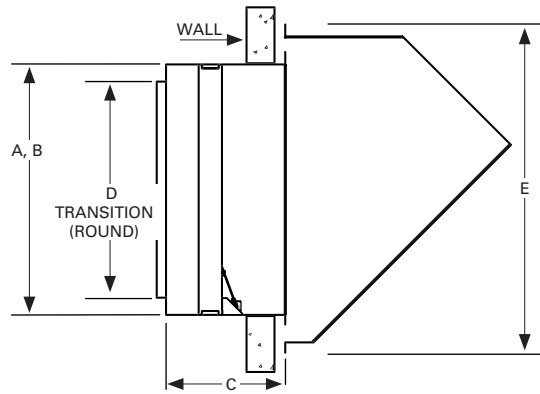
LOUVER

Specifications

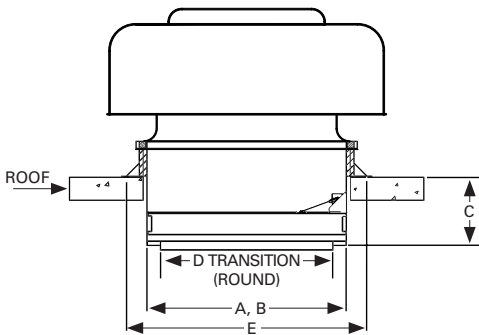
WALL RELIEF LOUVER ASSEMBLY



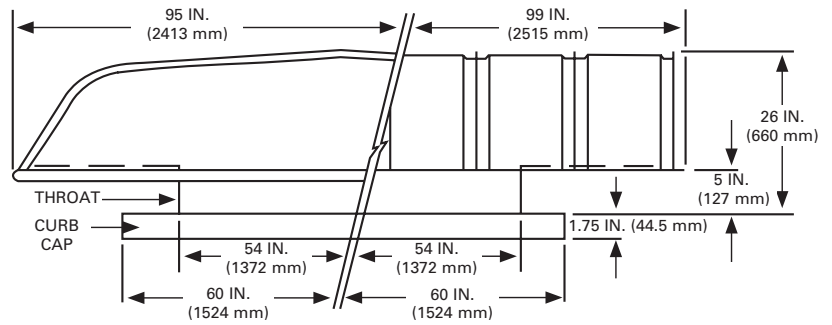
WALL INTAKE DAMPER ASSEMBLY



ROOF INTAKE DAMPER ASSEMBLY



HIEX 27 WEATHER HOOD (included with Part Number 437018/437097)



END VIEW

SIDE VIEW

Ordering Information and Dimensions

Part Number		Model	Clearance Dimensions*					Shipping Weights	
NEMA 4	NEMA 7		A mm	B mm	C mm	D mm	E mm	NEMA 4 kg	NEMA 7 kg
430060	430061	Wall Intake Damper Assembly - HIEX-5A	1118	1118	610	1060	1314	109	119
430062	430063	Roof Intake Damper Assembly - HIEX-5A	1168	1168	406	1067	1467	129	139
430064	430065	Wall Relief Louver Assembly - HIEX-5A	762	1219	152	-	-	23	33
430066	430067	Wall Intake Damper Assembly - HIEX-15A/27	1372	1372	610	1340	1470	143	153
430068	430069	Roof Intake Damper Assembly - HIEX-15A	1372	1372	406	1346	1670	164	174
430070	430071	Wall Relief Louver Assembly - HIEX-15A/27	1524	2134	152	-	-	64	74
437018	437097	Roof Intake Damper Assembly - HIEX-27	1372	1372	356	1346	1588	238	248

*Actual dimensions of equipment approximately 6.4 mm smaller than clearance dimensions listed.

Note: The converted values in this document are provided for dimensional reference only and do not reflect an actual measurement. SKUM and the product names listed in this material are marks and/or registered marks. Unauthorized use is strictly prohibited.