

# High Flow EMERGENCY VENT

**PATENT**

**C**  **US Listed**

## High Flow Emergency Vent Male Thread Style

Clay & Bailey's High Flow Emergency Vent provides significant SCFH airflow relief when required.

### Standard Features

UL US & Canada Listed

Buna N O Ring - provides vapor tight seal

Spring Actuated- assures accurate opening pressure

All Aluminum Construction- lightweight for easy handling and installation. Also, no rust issues from scratches or weathering

Pressure relief set at 0.5 PSI, Full open at 2.5PSI



**367 HIGH FLOW**

Part #	Size	Weight/LBS
0367-03-30HF	3"	3.0
0367-03-40HF	4"	4.0
0367-03-50HF	5"	5.0
0367-03-60HF	6"	6.0
0367-03-80HF	8"	7.0

### SCFH Airflow at 2.5 PSI

	0367-03-30HF	0367-03-40HF	0367-03-50HF	0367-03-60HF	0367-03-80HF
Without Screen	71,750	118,750	200,250	251,700	459,000
With Screen	66,400	114,800	184,500	237,000	430,500

Warning- The emergency vent is designed for "emergency pressure relief" and must be used in conjunction with other venting devices. The emergency vent must be properly sized per UL requirements.

Clay & Bailey emergency vents comply with various codes -PEI RP200, Underwriters Laboratories of US and Canada UL-142, UL-2085, UL-2244, NFPA30, 30A, API 2000



# Clay & Bailey Manufacturing Company

## AST Emergency Vent High Flow Design

### Airflow Comparison

<u>Part#</u>	<u>Description</u>	<u>SCFH Airflow Without Screen</u>	<u>SCFH Airflow With Screen</u>
365-03-30 HF	3" High Flow Design	77,750	66,400
	Typical 3" Dead Weight Style	43,770	46,938
367-03-40 HF	4" High Flow Design	118,750	114,800
	Typical 4" Dead Weight Style	105,460	91,076
367-03-50 HF	5" High Flow Design	200,250	184,500
	Typical 5" Dead Weight Style	194,725	171,300

On Sizes 6" to 10", the high flow design is comparable to the dead weight style in airflow.

The AST Emergency Vent High Flow Design incorporates several outstanding design features as standard construction:

Buna N O Rings for sealing

Screen for theft prevention

Spring loaded for tight sealing - 0 vapor release situations.

Low profile for restricted space installations

All aluminum construction for weight reduction

Underwriters Laboratories Listing