

# HIGH FLOW EMERGENCY VENT

**PATENT # 8,171,955**

**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      | 556,589      |
| With Screen    | 66,400                  | 114,800      | 184,500      | 237,000      | 500,552      |

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



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Clay and Bailey Mfg. Co.

## Clay & Bailey Manufacturing Company AST Emergency Vent High Flow Design Airflow Comparison

| Part#        | Description                  | SCFH Airflow<br>Without Screen | SCFH Airflow<br>With Screen |
|--------------|------------------------------|--------------------------------|-----------------------------|
| 367-03-30 HF | 3" High Flow Design          | 71,750                         | 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