

1826 Intelli-Vent® Multi-Functional Pressure Relief Port

Part Number: 11826000004



© U.S. Trademark 4,269,018
U.S. Patent No. 10,731,912; 10,739,055

Multi-Optional Junction Box

- Option 1: Electrical Junction Box (Shown Below)
 - Clean power source for future needs vs. going through wall
- Option 2: Hands-Free Motion Sensor (Shown above)
 - Low-profile
 - No door switch wiring

Always-On LED Security Light

- Energy-efficient
- Doubles as vent heater
- No switch required

Aluminum Louver/Heat Sink

- Prevents ice buildup
- Eliminates the heating element's electrical run

Dual Port Vent

- Doors operate easier and faster
- Capable of horizontal or vertical applications

MATERIALS

- Housing: Polycarbonate
- Heat sink: Die-cast Aluminum
- ACC Cover: Die-cast Aluminum
- Lens: Polycarbonate
- Hardware: Stainless steel

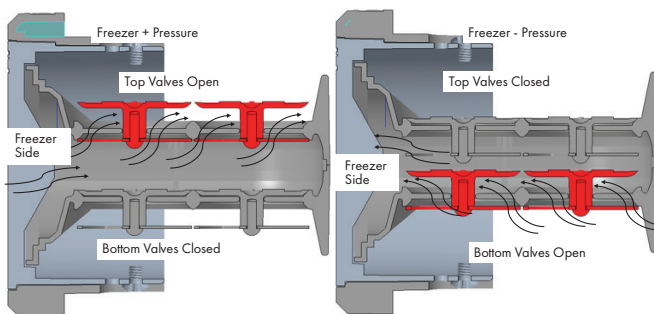
POWER

- 11 W, 120-277 V, 0.09 A, 50/60 Hz

LED

- Output: 1000 Lumens, 91 Lumens/Watt
- Color temperature: 4000k

Kason® Intelli-Vent® Dual Airflow Design



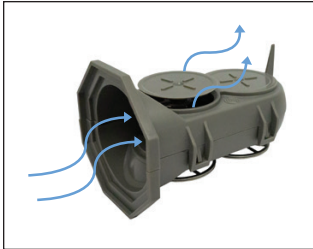
The Kason 1826 Intelli-Vent combines three products into one that help reduce your SKU's and labor, while also offering end users valuable improvements to their operations, security and bottom line.

- **24/7 Safety Illumination**
- **Hands-free operation**
 - Add-on motion sensor controls ceiling mounted lights
 - Eliminates the touch point of a wall-mounted switch
- **Reduces labor by installing a single product**
 - No vent heater or light switch electrical runs
- **Reduced SKU inventory**
 - Separate light switch and motion sensor not required
- **60% faster pressure relief*** (see page 2)
- **Energy saving design**
 - LED heats the pressure relief port to avoid frost build-up and condensation
- **Compact functionality and improved aesthetics**

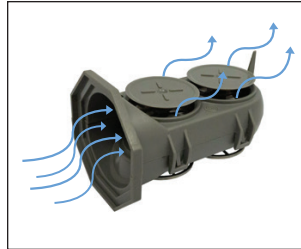
1826 Intelli-Vent® Multi-Functional Pressure Relief Port

Part Number: 11826000004

DUAL PORT VENT OPERATION*



Intermediate Flow



High Flow

Kason Engineers designed the dual port vent to accommodate multiple pressure equalization needs to ensure doors always open/close easily.

The octagonal shape of the port allows both horizontal and vertical installations providing more flexibility to meet your design needs.

- Dual Port Vent provides 60% faster pressure relief compared to typical single port vent
- Provides pressure relief for walk-ins up to 5,000 cu. ft. vs. 3,000 cu. ft. for typical single port vents

COMPARING EXISTING VENT ELECTRICITY COST VS. 1826 VENT

Fixtures	Wattage	Time On (%)	Cost to Operate (\$/yr)
1826 LED Vent	11	100	\$12.53
1825 Vent	4	100	\$4.56
1802 LED	12	50	\$6.83
1808 LED	14	50	\$7.97
1832 Vent	23	100	\$26.19

Average Cost of Electricity (\$/kWh) = 0.13
Hours/Year = 8760

Existing Vent vs. 1826 Vent

Existing	Cost to Operate (\$/yr)	New	Cost to Operate (\$/yr)	Difference
1825 Vent + 1802 LED	\$11.39	1826 Vent	\$12.53	\$1.14
1825 Vent + 1808 LED	\$12.53	1826 Vent	\$12.53	\$0.00
1832 Vent + 1802 LED	\$33.02	1826 Vent	\$12.53	\$-20.49
1832 Vent + 1808 LED	\$34.16	1826 Vent	\$12.53	\$-21.63

Average Cost of Electricity (\$/kWh) = 0.13
Hours/Year = 8760

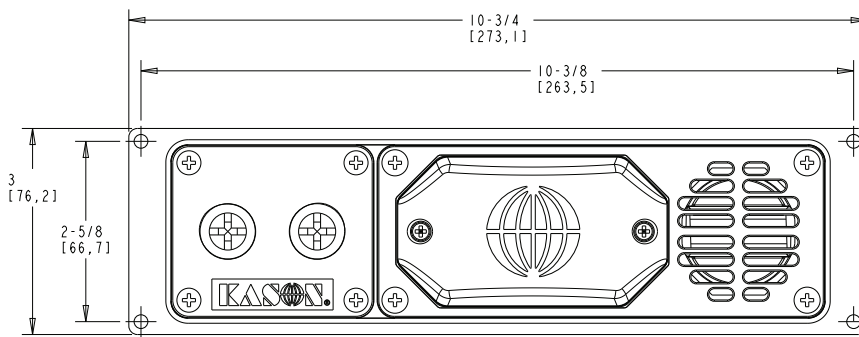
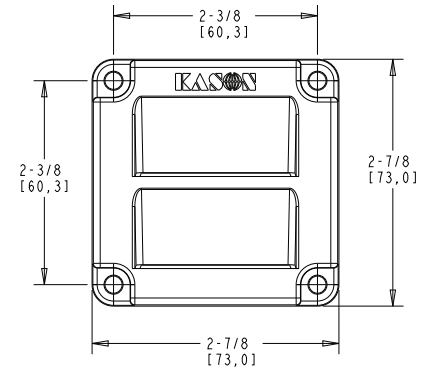
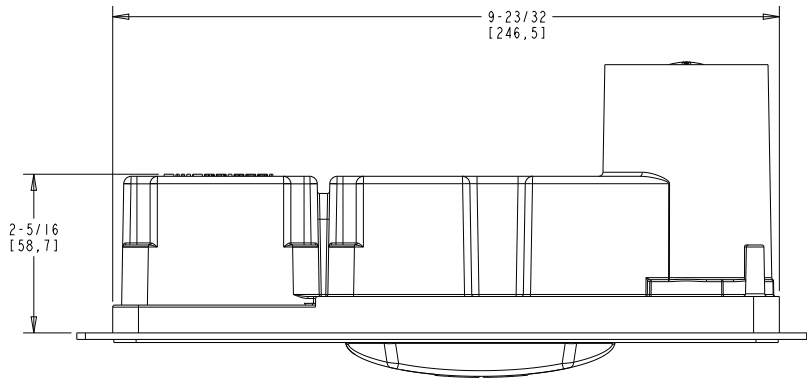
Sample Calculation

Annual Cost = 100% x 4 W x 8760 (h/yr) x 0.13 (\$/kWh) x 1 kW/1000 W = 4.555 (\$/yr)

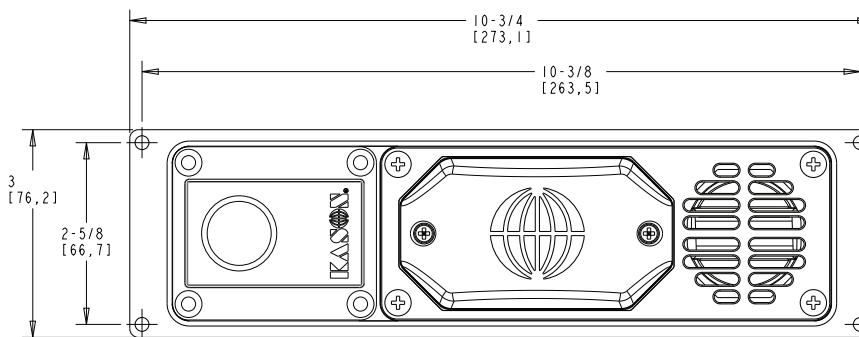
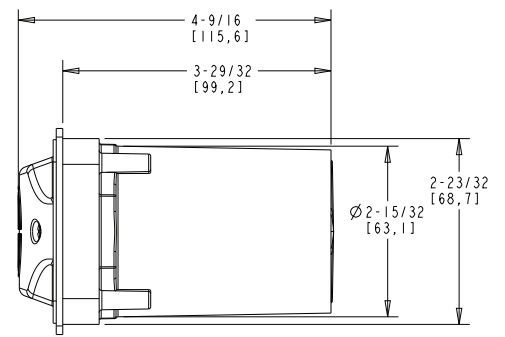
Part No.	Description
11826000004	Dual Port Vent Light
118260000M4	Dual Port Vent Light w/ Motion Sensor
11826001901	Motion Sensor, 120/277 Volt
91826004070360	Tube Extension for 5 to 6" Wall

1826 Intelli-Vent® Multi-Functional Pressure Relief Port

Part Number: 11826000004



Electrical Junction Box Option



Hands-Free Motion Sensor Option