

FIREFLY PRESSURE BALANCER PRODUCT INTRODUCTION

CDP52 Series

Pressure Balancer CDP52 Series

**Reliable and Independent automatic Pressure Balancer,
EN 1634-1:2014 4h fire-resistant**



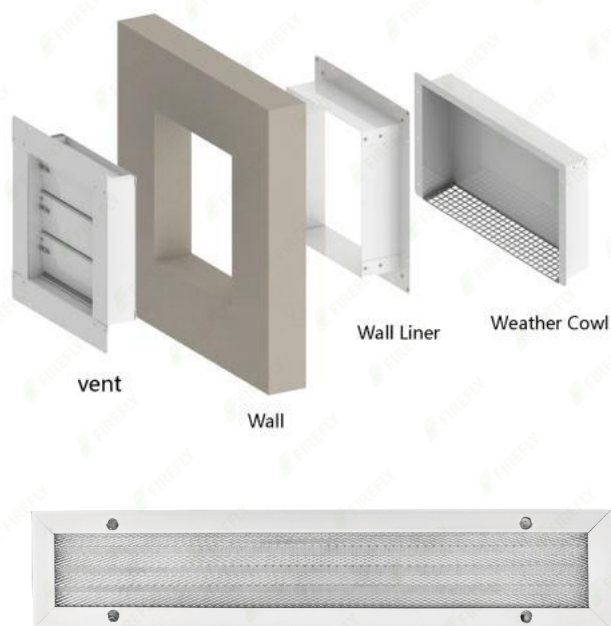
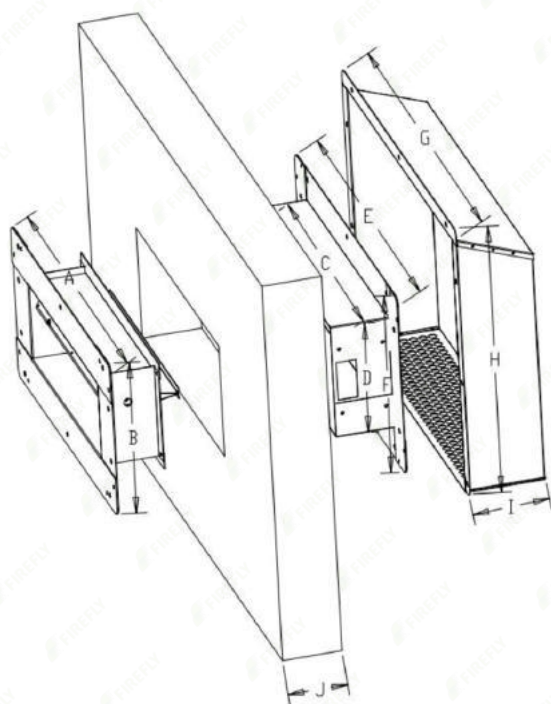
Description

FireFly Pressure Balancers provide two way operation for over and under pressure for the protection of room structure during the period of extinguishant discharge for the gaseous total flooding fire fighting system, retention of the extinguishant-air mixture within the enclosure for the specified period of time after the completion of gas discharge, maximum room pressure is controlled by the vent opening to allow air to escape, then closing when discharge is complete, enable the gaseous total flooding fire fighting system more effective and safe.

Product Data

- ★ With 4 Hours Fire Resistance rating comply to EN 1634-1:2014.
- ★ Materials: Carbon steel frame and blades.
- ★ Finish: Standard Powder coated RAL 9003, request for customized color is accepted for order quantity over 100 units.
- ★ Pressure Setting: Nominal 100Pa opening, remain closed below 70Pa.
- ★ Product life: more than 10 Years.

Product Drawings & Model Parameters



Dust Cover(Optional Accessory)

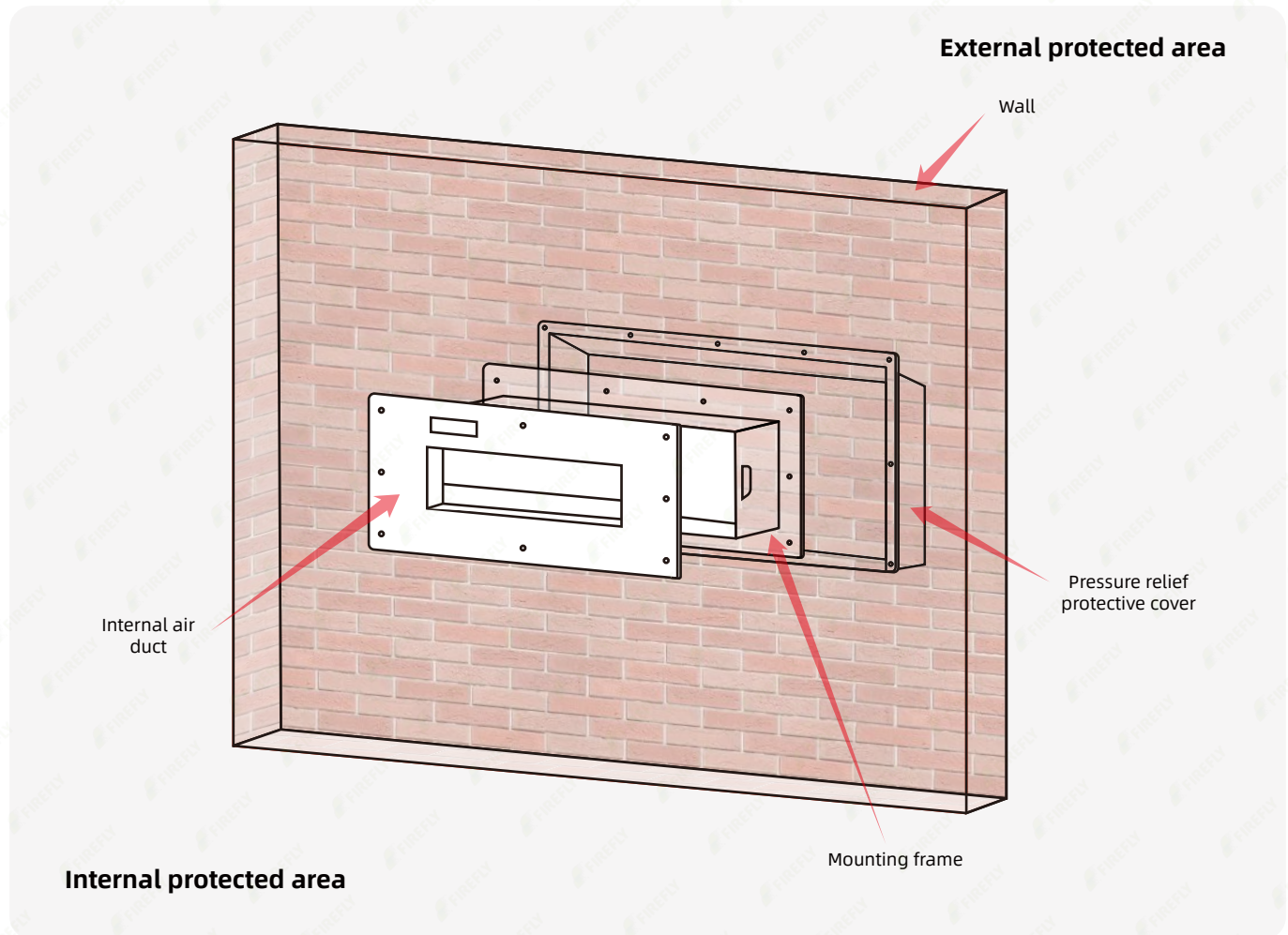
Part No.	Vent size (AxB)	Installation hole size (C x D)	Weight (Vent +Wall liner + Weather Cowl)	Wall Thickness (J)	Free Vent Equivalent Area
CDP52.002.001.D00	432mm x 200mm	365mm x 152mm	6.2kg	75mm ~ 150mm	0.02m ²
CDP52.003.001.D00	640mm x 252mm	565mm x 175mm	11.4kg	115mm ~ 230mm	0.03m ²
CDP52.006.001.D00	440mm x 452mm	365mm x 375mm	12.5kg	115mm ~ 230mm	0.06m ²
CDP52.019.001.D00	640mm x 652mm	565mm x 575mm	25.6kg	115mm ~ 230mm	0.19m ²
CDP52.038.001.D00	840mm x 852mm	765mm x 775mm	44.2kg	115mm ~ 230mm	0.38m ²
CDP52.077.001.D00	1140mm x 1152mm	1065mm x 1075mm	81.2kg	115mm ~ 230mm	0.77m ²

☆ The above weighting data are for reference, minor variance shall be existed.

Installation Recommendations

1. Recommended installation height $\geq 2/3$ internal height of the protected rooms.
2. Items equipped with weather cowl, dust/insect proof screen is highly recommended.

Installation Diagram





FIREFLY Excellent Brand
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If you have any questions or need to obtain the latest information, please contact us.