

## BALANCER-450 SERIES

### BALANCER

The balancer is used to keep the exhaust extraction hose clear of the ground, thus minimising the risk of damage to the hose and surroundings. It also enables easy operation of the exhaust extraction system. The balancer is designed to balance a load within 0-15 ft. (0-4,5 m) with a maximum angle of 30° from the plumb line. The balancer is equipped with a spring tension lock which holds the wire in extended position. The locking function can easily be turned on or off depending on area of use.

The BRC-450/13-16 HB ensures a soft close retraction until the balancer is completely retracted.



### APPLICATIONS

The Balancer-450 series is intended to be used for the following applications:



- To eliminate hazardous vehicle exhaust emissions with our vehicle exhaust capture and removal systems for the following segments: fire and emergency service stations as well as military facilities.

### SPECIFICATIONS

#### Physical dimensions and properties

Material	<ul style="list-style-type: none"> <li>housing</li> <li>glass fiber reinforced polyamide plastic</li> <li>cable</li> <li>steel</li> </ul>
Spring force	29-35 lbs (13-16 kg)
Dimensions	9.8 x 14.2 x 5.1 in. (250 x 360 x 130 mm)
Weight	10 lbs (4,5 kg)
Wire length	15 ft. (4,5 m)
Max. holding power	44 lbs (20 kg)
Colour	grey/black
Max. angle from plumb line	30°

#### Ambient conditions

Operating temperature:	<ul style="list-style-type: none"> <li>min.</li> <li>nom.</li> <li>max.</li> </ul>	<ul style="list-style-type: none"> <li>14°F (-10°C)</li> <li>68°F (20°C)</li> <li>140°F (60°C)</li> </ul>
Max. relative humidity	80%	
Outdoor use allowed	no	
Storage conditions	<ul style="list-style-type: none"> <li>-23°F to +140°F (-5 to +40°C)</li> <li>relative humidity max. 80%</li> </ul>	

#### Where used

All Plymovent STR railsystems, CRS, VSRX, booms and drops

#### Scope of supply

The balancer is supplied as a complete product including safety chain and fire brigade snap hooks.

#### Order information

Article no.	see remaining specifications
Number/package	1

#### Shipping data

Gross weight	11 lbs (5 kg)
Packing dimensions	15.7 x 11.8 x 6 in. (400 x 300 x 150 mm)
Harmonized Tariff Code	84213925
Country of origin	Sweden

#### FEATURES & BENEFITS

- Enables easy operation of the exhaust extraction system.
- Handles heavy weight (up to 35 lbs (16 kg)).
- The BRC-450/13-16-HB ensures a soft close retraction until the balancer is completely retracted.
- Includes a balancer safety chain to keep the balancer secured.

#### REMAINING SPECIFICATIONS

Description	Article number
BRC-450/13-16	0000105121
BRC-450/13-16-HB	0000115287

Product type	<b>Balancer-450 series</b>
Article no.	see remaining specifications
Product category	Balancers
Version	061118/0

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