

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 0-4,5 m (0-15 ft.) 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"> • housing • cable
Spring force	<ul style="list-style-type: none"> • glass fiber reinforced polyamide plastic • steel
Dimensions	13-16 kg (29-35 lbs)
Weight	250 x 360 x 130 mm (9.8 x 14.2 x 5.1 in.)
Wire length	4,5 kg (10 lbs)
Max. holding power	4,5 m (15 ft.)
Colour	20 kg (44 lbs)
Max. angle from plumb line	grey/black
■ Ambient conditions	
Operating temperature:	30°
<ul style="list-style-type: none"> • min. • nom. • max. 	<ul style="list-style-type: none"> • -10°C (14°F) • 20°C (68°F) • 60°C (140°F)
Max. relative humidity	80%
Outdoor use allowed	no
Storage conditions	<ul style="list-style-type: none"> • -5°C to +40°C (23-140°F) • relative humidity max. 80%
■ 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	5 kg (11 lbs)
Packing dimensions	400 x 300 x 150 mm (15.7 x 11.8 x 6 in.)
Harmonized Tariff Code	84213925
Country of origin	Sweden

FEATURES & BENEFITS

- Enables easy operation of the exhaust extraction system.
- Handles heavy weight (up to 16 kg (35 lbs)).
- 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	Balancer-450 series
Article no.	see remaining specifications
Product category	Balancers
Version	061118/0

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