

## CRAB RETURN SYSTEM ELECTRIC

### (SEMI)-AUTOMATIC RETURN SYSTEM

The Crab Return System (CRS) is a (semi)-automatic system designed for the user to return the crab easily with the push of a button. The crab will follow the vehicle as long as required by the user. The release can be done manually or automatically. The CRS can easily be installed upon your railsystem and will fit either the internal crab system (IC) or the external crab (EC) system. The unit will be provided with a basic manual remote control start set. It is possible to add more remote controls to the system to create a maximum ease of use out of the CRS.



### APPLICATIONS

The Crab Return System 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>• powdercoated steel</li> <li>• braided polyester</li> <li>• aluminum</li> </ul>
• housing	
• rope	
• pulley gear set	
Color	black
Weight	33 lbs (15 kg)
Rail installation length	up to 120 ft (35 meters)
■ Electrical data	
Power consumption	150W
Mains voltage	100-230V/1ph/50/60Hz
■ Ambient conditions	
Operating temperature:	<ul style="list-style-type: none"> <li>• -4 °F (-20 °C)</li> <li>• 68 °F (20 °C)</li> <li>• 122 °F (50 °C)</li> </ul>
• min.	
• nom.	
• max.	
Max. relative humidity	80%
Outdoor use allowed	no
Storage conditions	<ul style="list-style-type: none"> <li>• 14 °F - 176 °F (-10 °C - 80 °C)</li> <li>• relative humidity max. 80%</li> </ul>
■ Options and accessories	
Additional remote control   Auto return switch (recommended for fire stations)   End plate   Hydraulic shock absorber   Rope set	

### ■ Where used

All STR, MRP and VSRX railsystems (retrofitable)

### ■ Product combinations

Magnetic Grabber® | Pneumatic Grabber® | Safety Disconnect Handle | Grabbers with vicegrip | Balancer | Hydraulic balancer

### ■ Scope of supply

Crab Return System: retrieval mechanism | wired remote control (end plate and rope set to be ordered separately)

### ■ Order information

- |                     |              |
|---------------------|--------------|
| • CRS Electric STR  | • 0000301084 |
| • CRS Electric MRP  | • 0000300768 |
| • CRS Electric VSRX | • 0000300636 |

Number/package 1

### ■ Shipping data

Gross weight	40 lbs (18 kg)
Packing dimensions	20 x 16 x 16 in. (500 x 400 x 400 mm)
Harmonized Tariff Code	84219990
Country of origin	the Netherlands

### FEATURES & BENEFITS

- Easily retrofitted on existing Plymovent internal or external railsystems
- Simple installation
- Automatic return with sensor return trigger / auto return switch or remote control
- The CRS is able to retrieve one unit

**APPROVALS/CERTIFICATES**

	Manufactured under ISO 9001-2015
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Product type	<b>Crab Return System</b>
Article no.	see order information
Product category	railsystems
Version	211220/0
Always check the latest version on <a href="http://www.plymovent.com">www.plymovent.com</a>	