



CRAB RETURN SYSTEM ELECTRIC

CRAB RETURN SYSTEM (CRS)

Plymovent's ELECTRIC Crab Return System (CRS) contributes to the utmost protection against hazardous exhaust gasses being emitted from moving cars and trucks in workshops, service facilities, governmental inspection environments and fire stations.

SAFETY AND EFFICIENCY ON SITE

The Plymovent Crab Return System improves both worker safety and efficiency. How? By conveniently returning the exhaust extraction hose and nozzle to the precise start position for operators as a vehicle enters the facility.

The CRS minimizes the amount of hose hanging in a facility compared to traditional vehicle exhaust extraction systems. As a result, less obstructions improves operator visibility and productivity. In addition, the CRS encourages greater routine and proper usage of Plymovent's vehicle exhaust extraction system.

HOW CRS WORKS

Attach one of Plymovent's extraction nozzles to the vehicle's exhaust tailpipe. As the vehicle moves through the facility, the CRS enables the exhaust extraction nozzle to move along with it. When the vehicle exits the facility, the nozzle can be detached manually by the user or automatically. The nozzle then returns to its original starting position by simply using a manual remote control or an automatic sensor return trigger -in conjunction with Plymovent's well renowned Pneumatic or Magnetic Grabber- to engage the CRS. The CRS includes an emergency override allowing the operator to stop the system at any time.

BENEFITS

- ✓ **Automatic return:** with sensor return trigger / auto return switch or remote control.
- ✓ **Improves safety:** CRS returns the nozzle to a predefined position, eliminating the need for an operator to walk through a facility to retrieve it and encouraging nozzle connectivity and vehicle exhaust removal system usage.
- ✓ **Fosters productivity:** As soon as the vehicle enters the service bay, operators can immediately hook up the hose to the exhaust tailpipe, for more efficient labor time.
- ✓ **Reduces hose expense:** CRS enables the nozzle to move efficiently along with the vehicle reducing the amount of hose needed.
- ✓ **Easy installation:** CRS is delivered in an easy to install package.
- ✓ **Combination with Plymovent's Pneumatic Grabber[®] or Magnetic Grabber[®]** and award winning Safety Disconnect Handle: used in thousands of facilities globally.
- ✓ **Clean air for everyone everywhere:** Excellent protection against hazardous exhaust gasses.



CRS controls have been simplified to eliminate the need for a full-scale electrical service installation.

Delivered in different lengths* from 33 ft. (10 m) up to 120 ft. (35 m).

*Rail length in picture is approx. 2 meters (6 feet)

Automatic return to a pre-defined position: **Sensor return trigger / auto return switch** or manual remote control.

CRS fits both internal and external crab systems, such as STR, MRP or VSRX. The CRS can easily be retrofitted to enhance existing Plymovent exhaust removal systems.

Displayed image is for illustration purpose only.

FEATURES

-  **Easily retrofitted** on existing Plymovent STR internal and external crab systems as well as MRP and VSRX systems.
-  **Simple installation** with a standard 3A, single phase connection, 100-230V/1ph/50/60Hz.
-  **Three CRS cable sets are available:**
 - CRS-33 ft (10 m)
 - CRS-66 ft (20 m)
 - CRS-99 ft (30 m)

The cable set contains supporting cable hooks.*

* not valid for the CRS-33 ft (10 m).

TECHNICAL DATA

Power consumption	150W
Main voltage	100-230V/1ph/50/60Hz
Nominal amperage	3A
Weight	33 lbs (15 kg)
System length	33 ft (10 m) 66 ft (20 m) 120 ft (35 m)
Return system	Automatic or manual
Crab return speed	Slow walking pace

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We respect the environment and we deliver high-quality products. Our expertise gained over many years and our genuine commitment to customer requirements enable us to provide precisely the solutions you need.