

Extraction for emergency services vehicles



Safe and quick exhaust extraction with automatic coupling.

Automatic disconnection of exhaust extraction from vehicles with down-facing exhaust pipes.

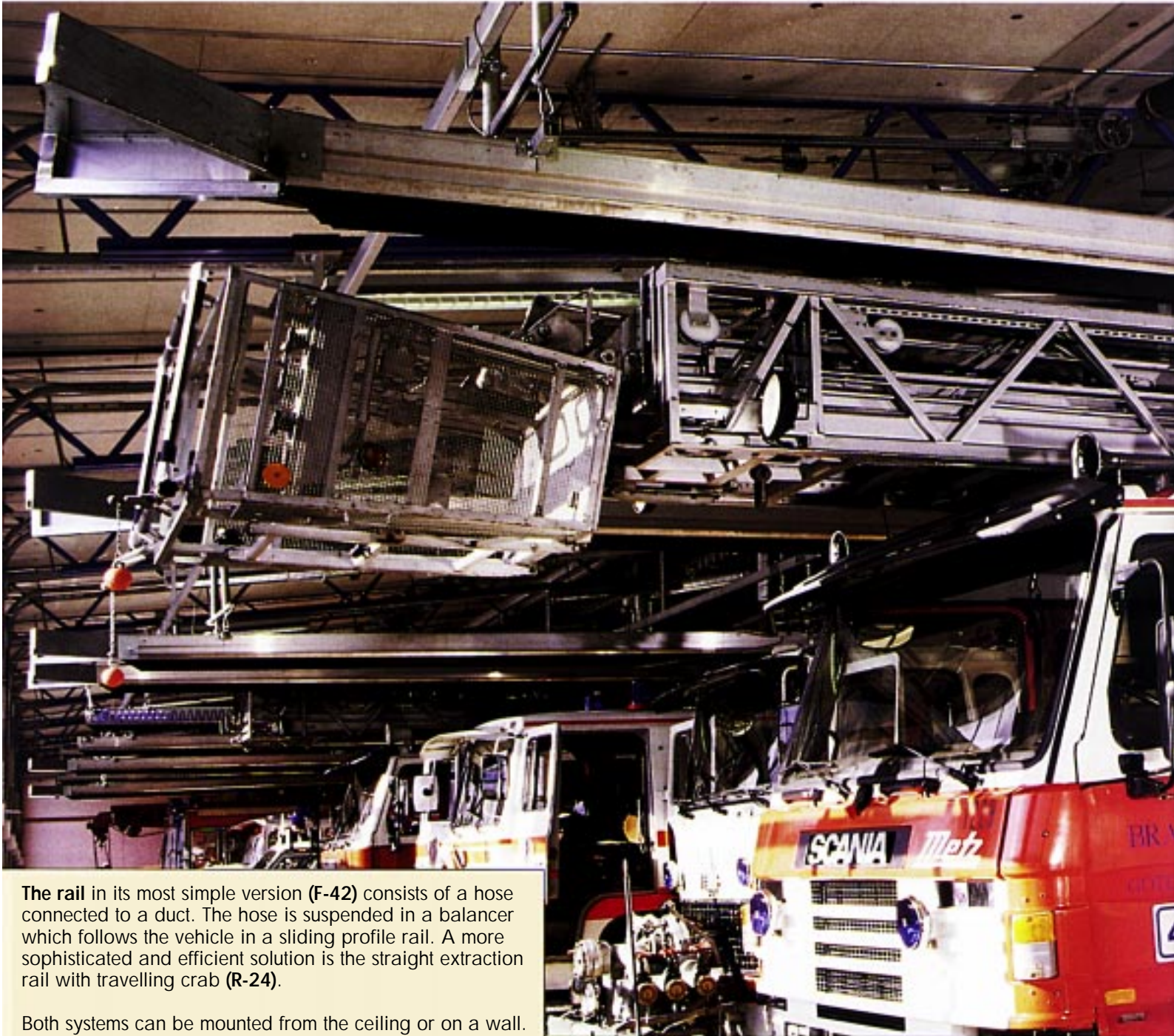
The rail is available in two versions. Both are movable extraction systems with automatic disconnection. Fire engine connection or pneumatic Grabber® release from the exhaust pipe at exactly the right moment. The system saves both time and work. It is an ideal solution for garages, fire brigades, local authority depots, public cleansing stations and other workplaces for emergency vehicles or frequent driving in and out.

Extraction duct for upward exhaust pipes.

Fully automatic connection and disconnection of the extraction system without hoses. Extremely easy to operate. No hoses have to be connected or disconnected. The most superior extraction system for emergency services vehicles. Also very practical in garages for big vehicles with fixed parking places. Saves time and effort.

For down- or upward-facing exhaust pipes.

Fully automatic or semi-automatic. Save time, work, energy and the environment.



The rail in its most simple version (F-42) consists of a hose connected to a duct. The hose is suspended in a balancer which follows the vehicle in a sliding profile rail. A more sophisticated and efficient solution is the straight extraction rail with travelling crab (R-24).

Both systems can be mounted from the ceiling or on a wall. The crab with the hose slides inside the rail and follows the vehicle. When the hose is disconnected, it is pulled upwards by the balancer. The release of the hose can be by a pneumatic Grabber® which grips the exhaust pipe tight by compressed air and releases it when the air empties. This happens when the crab passes a switch, mounted on the rail. Or for F 42 with the fire engine connection, which releases when you pull the hose.

The extraction for emergency services vehicles (R 26) consists of a suction rail for extraction directly from upwardfacing pipes. The exhaust pipe is fitted with a special cone which fits between the rubber seals underneath the suction rail. The rail is connected to a fan which removes the exhaust gases. The rail is movable sideways and is equipped with a cone-shaped guide in the front in order to catch the pipes. Automatic dampers on each extractor save energy.



F 42 Extraction for emergency services vehicles.

Extraction for emergency services vehicles R 26. The system consists of an extruded aluminium profile with catcher, suspension clamps, rubber mouldings, connection hose and cone to the exhaust pipe. The cone fits between the rubber mouldings, which seal the base of the profile. The whole system is suspended in guides and moves easily sideways and is equipped with a "catcher" allowing a tolerance of 12" to each side when driving in or out.



In order to release the hose when driving out, the system can be fitted with a Grabber®, an inflatable rubber nozzle, which grips the exhaust pipe by means of compressed air.



Two small vehicles can use the same rail.



Rail for automatic disconnection F 42. A profiled support rail guides the suspension balancer. The rail is mounted through the ceiling or wall. The flexible hose with Grabber® connection is guided along the rail as the vehicles leaves.



Exhaust extraction from vehicles with down-facing exhaust pipes R 24. The system is mounted below the ceiling and consists of a profile, crab with balancer and hose. Along the base of the profile is a slit, which is sealed by two rubber mouldings.



Extraction for emergency services vehicles. The cone can be adapted to fit different types of vehicles and is constructed to level the height difference between loaded and unloaded vehicles.

TECHNICAL DATA

Rail for emergency vehicles with hose connection for downward-facing exhaust pipes.

Extraction rail F 42

Model	Order No.	Rail length ft	Recommended Air Volume CFM	Connection outlet Ø inches	Hose Ø inches	Hose length ft	Connection to exhaust pipe
Extraction rail F 42	40220	13.1*	212	6.3	4	19.7	Fire engine connection
Extraction rail F 42	40221	13.1*	477	6.3	5	19.7	Fire engine connection
Extraction rail F 42	40222	13.1*	212	6.3	4	19.7	Grabber®
Extraction rail F 42	40223	13.1*	477	6.3	5	19.7	Grabber®

*Rail and hose are available in longer versions.

Extraction rail R 24

Model	Order No.	Rail length ft	Recommended Air Volume CFM	Connection outlet Ø inches	Hose Ø inches	Hose length ft	Connection to exhaust pipe
Extraction rail R 24	40227	19.7**	212	6.3	4	19.7	Grabber
Extraction rail R 24	40228	19.7**	477	6.3	5	19.7	Grabber

**The rail are available in longer versions.

Rail for emergency services vehicles with upward facing exhaust pipes. (Complete alloy profile, balancer hanging system, rubber mouldings, connection hose, exhaust cone and "catcher".)

Extraction for emergency services vehicles R 26

Model	Order No.	Rail Length	Recommended Air Volume CFM	Connection outlet Ø inches
Extraction for emergency services vehicles R 26	40215	19 ft*** (with catcher 20.6 ft)	636	6.3

*** The rail is available in longer versions.

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