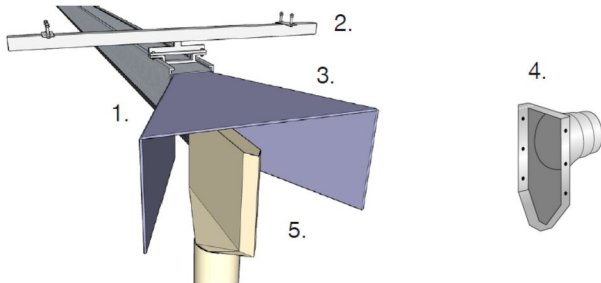


## Vertical Stack System for emergency vehicles

### Exhaust extraction systems for emergency vehicles



- 1. ALU 250 Rail
- 2. Sliding suspension
- 3. Funnel
- 4. Connection kit to duct system
- 5. Stack adaptor

Vertical Stack is a fully automatic exhaust extraction system for vehicles with top exhaust pipes. The vehicle either drives backwards into the parking bay or drives through. The extraction unit is designed as a rail with a funnel in one or both ends. The funnel guides a stack adaptor, mounted on the exhaust pipe, into the rail. The sliding suspension provides automatic sideways positioning of the rail.

- Capacity - one vehicle per system.
- Normal exit speed: up to 10 km/h, 5 mph.
- For existing or new fire stations.
- For back in or drive through vehicles.
- Optional automatic start/stop device that offers:
  - Practical control of fan start/stop.
  - Safe control of air quality (source ventilation automatically starts when vehicle engine starts).
  - Simple programming.

Product name	Vertical Stack System for emergency vehicles
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## Vertical Stack System for emergency vehicles

Image	Description	Model
	Connection piece ALU150 kit	20373413
	Connection piece ALU250 kit	20373414
	Sliding suspension kit (one for every 2,5m needed)	20815264
	Funnel inlet/outlet kit ALU 250	20816164
	Funnel ALU 250	20815364
	End connection ALU150 w hose Ø200/0,66m	20816264
	End connection ALU 250 w hose Ø200/0,9m	20815464
	Top connection	20815564
	Stack adaptor 5"/125 mm	20815664
	Stack adaptor 150mm/6"	20815764
	Stack adaptor 7"/175 mm	20815864
	Rubber strip for 10m rail (2 x 10m strip)	20373427
	Rubber strip for 15m rail (2 x 15m strip)	20373429
	Rubber strip for 20m rail (2 x 20m strip)	20373431

## Vertical Stack System for emergency vehicles

Accessory		Part No
	Radio transmitter vehicle GHz	20376723
	Radio Receiver GHz	20376724
	Handheld radio transmitter GHz	20376725
	ALU 150, length = 2,5 m	20900510*
	ALU 150, length = 5,0 m	20900610*
	ALU 150, length = 7,5 m	20900710*
	ALU 150, length = 10,0 m	20900810*
	ALU 150, length = 12,5 m	20900910*
	ALU 150, length = 15,0 m	20901010*
	ALU 150, length = 17,5 m	20901110*
	ALU 150, length = 20,0 m	20901210*
	ALU 150, length = 22,5 m	20901310*
	ALU 150, length = 25,0 m	20901410*
	ALU 150, length = 27,5 m	20901510*
	ALU 150, length = 30,0 m	20901610*
	ALU 150, length = 35,0 m	20901710*
	ALU 150, length = 40,0 m	20901810*
	ALU 150, length = 45,0 m	20901910*
	ALU 150, length = 50,0 m	20902010*
	ALU 250, length = 2,5 m	20910510**
	ALU 250, length = 5,0 m	20910610**
	ALU 250, length = 7,5 m	20910710**

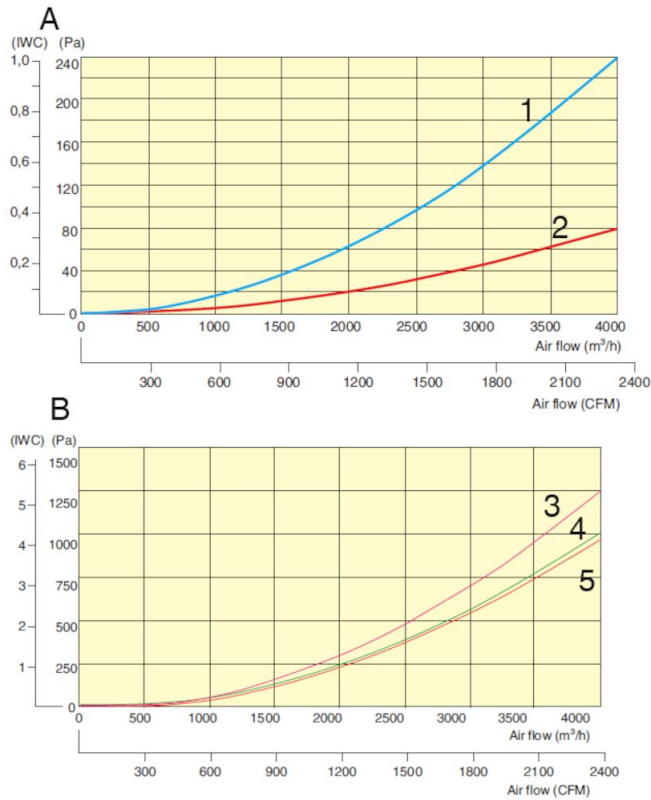
## Vertical Stack System for emergency vehicles

Accessory	Part No
ALU 250, length = 10,0 m	20910810**
ALU 250, length = 12,5 m	20910910**
ALU 250, length = 15,0 m	20911010**
ALU 250, length = 17,5 m	20911110**
ALU 250, length = 20,0 m	20911210**
ALU 250, length = 22,5 m	20911310**
ALU 250, length = 25,0 m	20911410**
ALU 250, length = 27,5 m	20911510**
ALU 250, length = 30,0 m	20911610**
ALU 250, length = 35,0 m	20911710**
ALU 250, length = 40,0 m	20911810**
ALU 250, length = 45,0 m	20911910**
ALU 250, length = 50,0 m	20912010**

\*Straight exhaust rail ALU 150 incl. suspension brackets. For lengths > 50 m, please contact your Nederman dealer.

\*\*Incl. suspension brackets, pressure drop at 2500 m<sup>3</sup>/h= appr 30 Pa. For lengths > 50 m, please contact your Nederman dealer.

## Vertical Stack System for emergency vehicles



A: Pressure drop rail B: Pressure drop accessories

1. ALU Ø 150 mm, 2. ALU Ø 250 mm, 3. Rail end outlet ALU 250/ Ø250, 4. Top outlet - Ø 250, 5. Rail end outlet ALU 150/ Ø 200