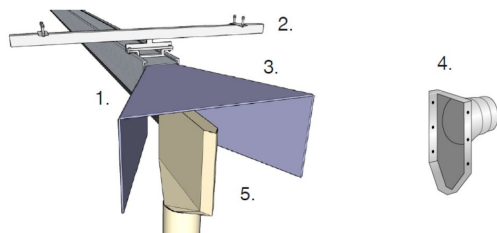


Vertical Stack System for emergency vehicles

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

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**

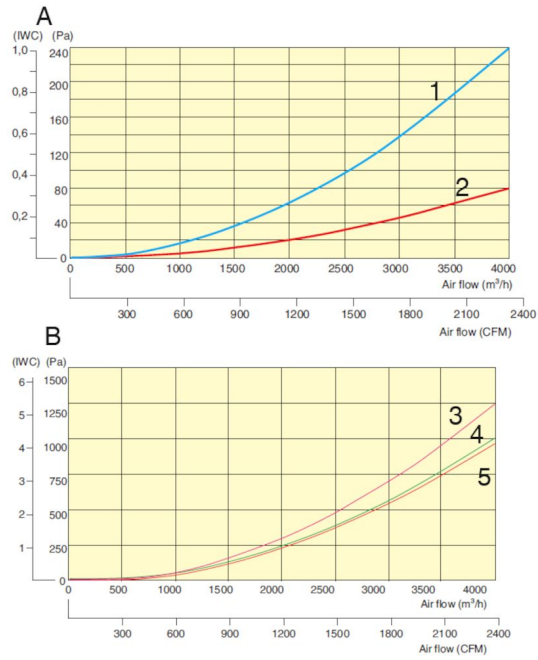
Vertical Stack System for emergency vehicles

	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 m³/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