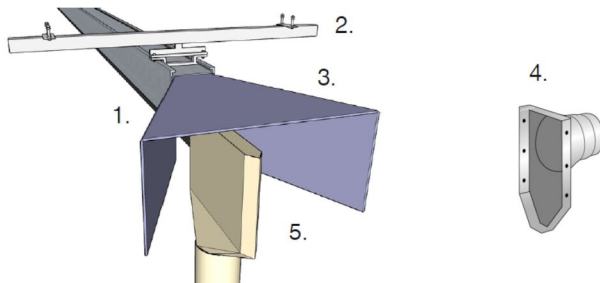


Vertical Stack System for emergency vehicles

Exhaust extraction systems for emergency vehicles



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

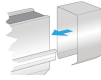

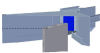

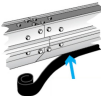
Vertical Stack is a fully automatic exhaust extraction system for vehicles with top exhaust pipes. The vehicle either drives backwards into the parking bay or drives through. The extraction unit is designed as a rail with a funnel in one or both ends. The funnel guides a stack adaptor, mounted on the 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 (automatically starts fan 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	20816264
	End connection ALU 250 w hose	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]	[partno]
	Transmitter vehicle GHz	20376723
	Receiver GHz	20376724
	Handheld transmitter GHz	20376725
	ALU 150, length = 2.5m (8')	20900510*
	ALU 150, length = 5.0m (16')	20900610*
	ALU 150, length = 7.5m (24.5')	20900710*
	ALU 150, length = 10.0m (33')	20900810*
	ALU 150, length = 12.5m (41')	20900910*
	ALU 150, length = 15.0m (49')	20901010*
	ALU 150, length = 17.5m (57.4')	20901110*
	ALU 150, length = 20.0m (65.6')	20901210*
	ALU 150, length = 22.5m (73.8')	20901310*
	ALU 150, length = 25.0m (82')	20901410*
	ALU 150, length = 27.5m (90')	20901510*
	ALU 150, length = 30.0m (98.4')	20901610*
	ALU 150, length = 35.0m (114.8')	20901710*
	ALU 150, length = 40.0m (131.2')	20901810*
	ALU 150, length = 45.0m (147.6')	20901910*
	ALU 150, length = 50.0m (164')	20902010*
	ALU 250, length = 2.5m (8')	20910510**
	ALU 250, length = 5.0m (16.4')	20910610***
	ALU 250, length = 7.5m (24.5')	20910710***

Vertical Stack System for emergency vehicles

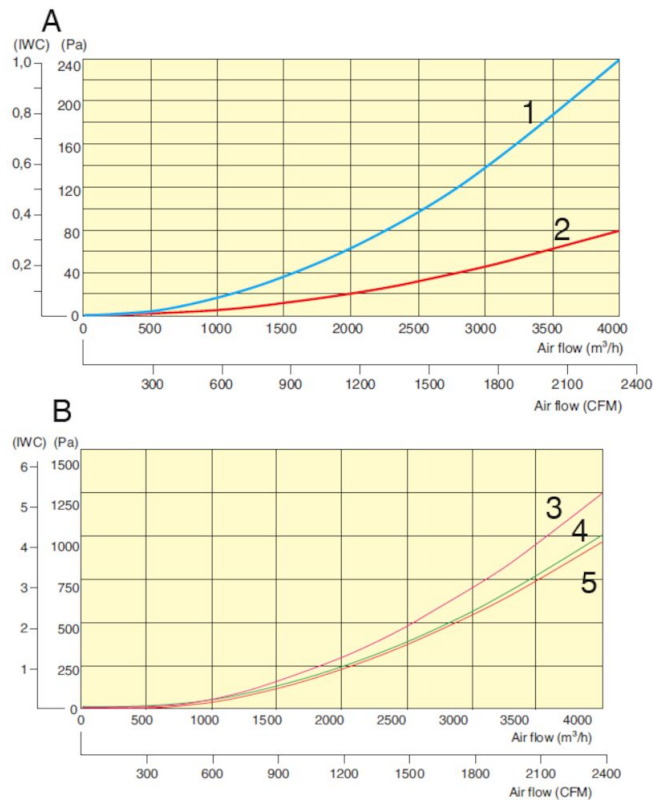
[accessory]		[partno]
	ALU 250, length = 10.0m (33')	20910810***
	ALU 250, length = 12.5m (41')	20910910***
	ALU 250, length = 15.0m (49')	20911010***
	ALU 250, length = 17.5m (57.4')	20911110***
	ALU 250, length = 20.0m (65.6')	20911210***
	ALU 250, length = 22.5m (73.8')	20911310***
	ALU 250, length = 25.0m (82')	20911410***
	ALU 250, length = 27.5m (90')	20911510***
	ALU 250, length = 30.0m (98.4')	20911610***
	ALU 250, length = 35.0m (114.8')	20911710***
	ALU 250, length = 40.0m (131.2')	20911810***
	ALU 250, length = 45.0m (147.6')	20911910***
	ALU 250, length = 50.0m (164')	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 (1470 cfm) = appr 30 Pa (0.12 in wg). (For lengths > 50 m, please contact your Nederman dealer.

***Incl. suspension brackets, pressure drop at 2500 m³/h (1470 cfm) = appr 30 Pa. (0.12 in wg) 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