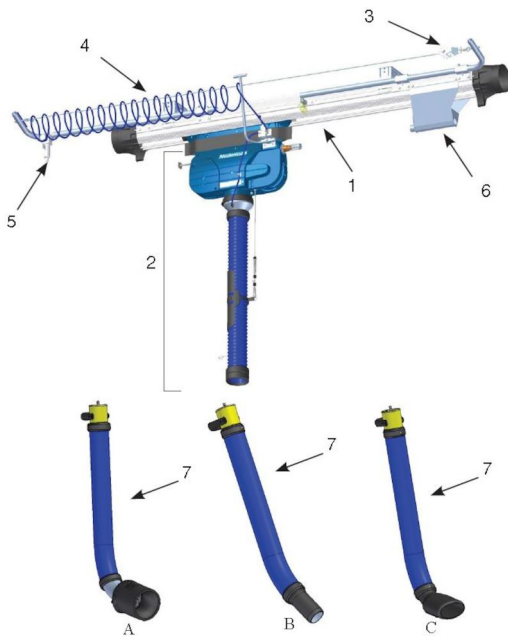


Exhaust rail system 920, pneumatic system for vehicles in motion



- 1. Rail 920
- 2. Trolley and hose incl internal pneumatic hose and disconnection trigger
- 3. Wire kit
- 4. Pneumatic hose
- 5. Compressed Air filter
- 6. End Stop Complete
- 7. Nozzle kit

Pneumatic Rail System – PRS, is a fully automatic, exhaust extraction system for all types of vehicles. The system is based on a nozzle expanded by compressed air, fixing and sealing the nozzle tightly around the tail pipe.

PRS is supplied with a choice of different sized nozzles to fit the most common types of tail pipes. A quick coupler makes it easy to interchange the nozzle kits.

- Automatic disconnection of nozzle and safety devices For drive-through vehicles
- Safety coupling in case of faulty operation
- Nozzles to suit various types of vehicles
- Grip for ergonomic handling

| | |
|---------------------|--|
| Product name | Exhaust rail system 920, pneumatic system for vehicles in motion |
| Installation | [Indoor] |



Exhaust rail system 920, pneumatic system for vehicles in motion

| [Image] | Description | Diameter, hose (mm) | Hose length (m) | [model] |
|---|--|---------------------|-----------------|-------------|
|  | Pneumatic suction unit 920/1500 with NTP hose | 100 | 5 | 20913820 |
|  | Pneumatic suction unit 920/1500 | 150 | 5 | 20918320 |
| | Wire kit for pneum. spiral hose | | | 20912920 |
| | Pneu. ø 8/6 spiral hose ø 150 length 50 m | 160 | | 20912720 |
|  | compressed air filter aut. 0.1bar | | | 20375252* |
|  | End stop Complete | | | 20373836 |
|  | Circular nozzle kit for exhaust pipe ø 40 -145 mm with NR-CP hose | 100 | 1 | 20867361** |
|  | Internal nozzle kit for exhaust pipe ø 100-150 mm with NR-CP hose | 100 | 1 | 20867461** |
|  | Oval nozzle kit for exhaust pipe ø 20 -100 mm with NR-CP hose | 100 | 1 | 20867561** |
|  | Nozzle kit for exhaust pipe ø 50 - 85 mm, Grip length 100 mm, with NR-CP hose | 100 | 1 | 20869061*** |
|  | Nozzle kit for exhaust pipe ø 70 - 125 mm, Grip length 120 mm, with NR-CP hose | 100 | 1 | 20869161*** |

*Compressed air filter must be used acc. to DIN ISO 8573-1, class 5/5/4

**Complete with Nozzle, Lower extraction hose, Lower integrated pneumatic air hose and Safety coupler

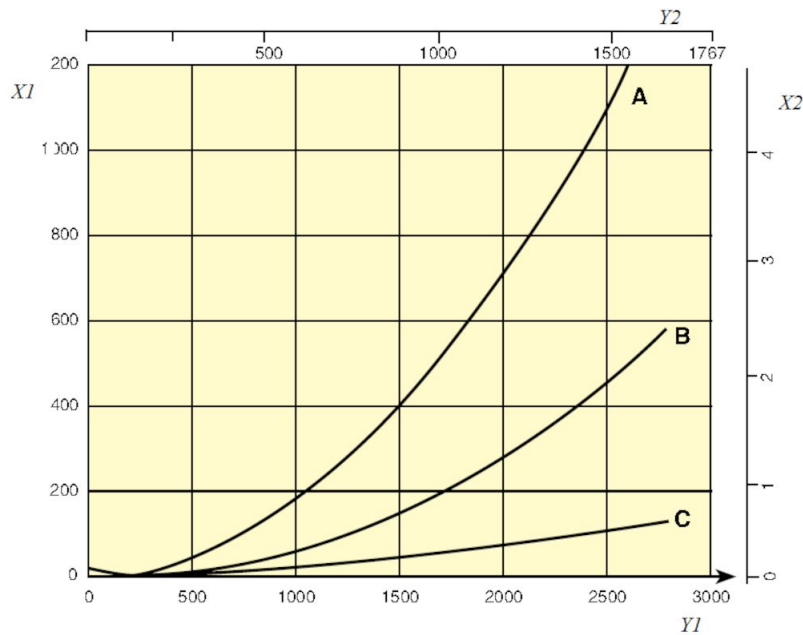
***Complete Nozzle kit (8) with Nozzle, Lower extraction hose, Lower integrated pneumatic air hose and Safety coupler (male 9b).

Exhaust rail system 920, pneumatic system for vehicles in motion

| [accessory] | | [partno] |
|-------------|-----------------------------------|-----------|
| | Exhaust rail 920 L= 5.0 m (17') | 20916120* |
| | Exhaust rail 920 L= 7.5 m (25') | 20916220* |
| | Exhaust rail 920 L= 10.0 m (33') | 20916320* |
| | Exhaust rail 920 L= 12.5 m (41') | 20916420* |
| | Exhaust rail 920 L= 15.0 m (50') | 20916520* |
| | Exhaust rail 920 L= 17.5 m (57') | 20916620* |
| | Exhaust rail 920 L= 20.0 m (66') | 20916720* |
| | Exhaust rail 920 L= 22.5 m (74') | 20916820* |
| | Exhaust rail 920 L= 25.0 m (82') | 20916920* |
| | Exhaust rail 920 L= 27.5 m (90') | 20917020* |
| | Exhaust rail 920 L= 30.0 m (99') | 20917120* |
| | Exhaust rail 920 L= 32,5 m (106') | 20918220* |
| | Exhaust rail 920 L= 35.0 m (115') | 20917220* |
| | Top outlet Ø200 for 920 | 20374246 |
| | Radio transmitter vehicle GHz | 20376723 |
| | Radio Receiver GHz | 20376724 |
| | Handheld radio transmitter GHz | 20376725 |
| | Trolley return unit 920/1500 | 20801144 |

*Complete with suspension parts, joint connectors, rubber seals, end covers and end stops.

Exhaust rail system 920, pneumatic system for vehicles in motion



Pressure drop 920 Rail

X1= Pressure, Pa

Y1 = Air flow, m³/h

X2 = Pressure, in. w.g.

Y2 = Airflow, CFM

A= Top connection, Ø200 mm

B= Side connection, Ø160 mm

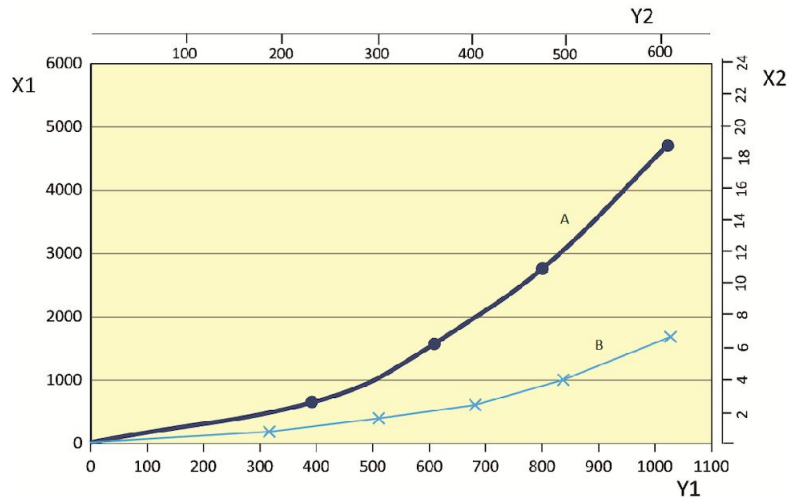
C= Rail 920, per metre (Pa/m)

Airflow recommendations:

Car: 400 - 600 m³/h (235 - 350 cfm)

Truck/Bus: 1000 - 1200 m³/h (590 - 700 cfm)

Exhaust rail system 920, pneumatic system for vehicles in motion



A = Hose Ø100 mm
 B = Hose Ø150 mm

X1 = Pressure, Pa
 Y1 = Pressure drop, m3/h
 X2 = Pressure, in. w.c.
 Y2 = Airflow, CFM