

## In Ground Exhaust Extraction System



On floor



Under floor

In the "In-Ground" system the hose is pulled up from underground when used and pushed back under ground after the work is done. In-ground systems are especially suitable for new vehicle repair shops that is still on the planning stage, so there is a possibility to design the in ground pipe work. There are two types of inground systems - "On- floor" system and "Under- floor" systems.

### "On- floor" system

In the "On- floor" system a lid in the floor is opened and a hose-kit is attached to the extraction outlet when used. After the work is done, the hose is removed to its storing place and the lid is put back in closed position. Any standard Nederman nozzle and hose can be selected up to Ø200 mm.

### "Under-floor" systems

In the "Under floor" system the hose is pulled up from under ground when used and pushed back under ground after the work is done. A limited range of hoses and nozzles available.
















NB! An "under floor" system must be sized for additional fan capacity since the hose and underfloor pipe doesn't seal completely.

- Out of sight when not used
- Up to Ø100 (4") hose - passenger cars /LCV for underfloor systems
- Full range of hoses up to Ø200 and nozzles for on Floor systems

Product name	In Ground Exhaust Extraction System
Note	Hose kits for "Under-floor" system includes safety belt and safety hook.



## In Ground Exhaust Extraction System

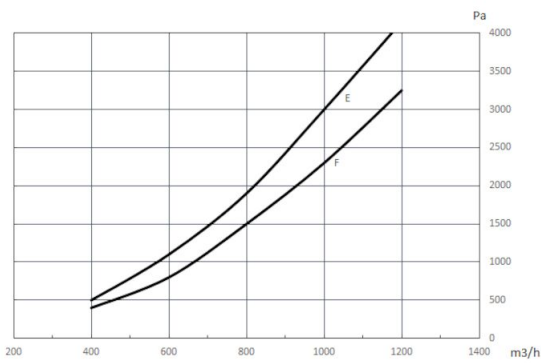
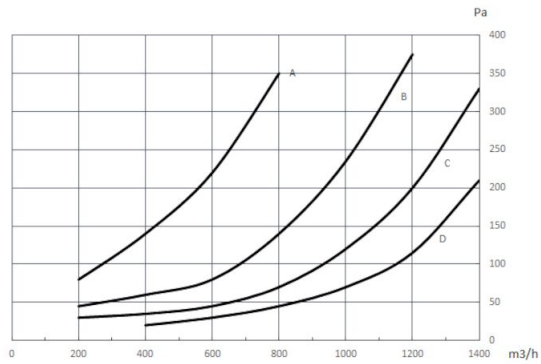
Image	Description	Hose connection Diameter (mm)	Model
	Under Floor Kit of; exhaust hose, ø75mm 2,5m, rub	75	20346678*
	Under Floor Kit of; exhaust hose ø100mm 2,5m, rub	100	20346679*
	On/Under Floor outlet 240x240mm, ø150-155 op		20346649
	On Floor outlet 300x300mm, ø200 openin		20346650
	Under Floor Connection bend ø150mm, 45°		20346652
	On floor Connection pipe ø150mm, vertical		20346653
	On floor Connection pipe ø200mm, vertical		20346655
	On floor Protection grid ø125-150		20346666
	On floor Protection grid ø200		20346667
	On floor Outlet tube ø150, for hose ø100mm		20346668
	On floor Outlet tube ø150, for hose ø125mm		20346669
	On floor Outlet tube ø150, for hose ø150mm		20346670
	On floor Outlet tube ø200, for hose ø125mm		20346672
	On floor Outlet tube ø200, for hose ø150mm		20346673
	On floor Outlet tube ø200, for hose ø200mm		20346674

## In Ground Exhaust Extraction System

Image	Description	Hose connection Diameter (mm)	Model
	Pit cover, 800x800mm		20346676

*\*Hose kits for "Under-floor" system includes safety belt and safety hook.*

## In Ground Exhaust Extraction System



Top diagram

Pressure drop in 2,5m/8,2" hose and elbow - Onfloor systems

A: 4" / 100mm

B: 5" / 125mm

C: 6" / 150mm

D: 8" / 200mm

Bottom diagram

Pressure drop in 3m 150mm Under-floor pipe + 2,5m hose kit - Under floor systems

E: 75mm / 3"

F: 100mm / 4"

## In Ground Exhaust Extraction System

### Under-floor system



### On-floor system

