

# ALU 150/250

An advanced exhaust extraction system for vehicles in motion



## ALU 150/250














- ✓ High quality components
- ✓ Two standard rail sizes
- ✓ Complete program of accessories for extraction units
- ✓ Large airflow

ALU 150/250 is an advanced exhaust rail system for high frequency use, developed to meet the requirements from e.g. vehicle manufacturers and inspection centers. The ALU 150/ 250 offers a large number of features, such as automatic disconnection of nozzle that make nozzle connection the only manual task. NB! When using a straight rail solution combined with a vehicle in motion, a hydraulic limit stop (accessory) must be mounted at the end of the rail system. For lengths > 50 m, please contact your Nederman dealer.














# ALU 150/250

|                |    |
|----------------|----|
| Certifications | CE |
|----------------|----|











Models

|   | Item no                  | Type of hose | Diameter, hose (mm) | Hose length (m) |
|---|--------------------------|--------------|---------------------|-----------------|
|    | 20900510 <sup>[1]</sup>  |              |                     |                 |
|    | 20900610 <sup>[2]</sup>  |              |                     |                 |
|    | 20900710 <sup>[3]</sup>  |              |                     |                 |
|    | 20900810 <sup>[4]</sup>  |              |                     |                 |
|    | 20900910 <sup>[5]</sup>  |              |                     |                 |
|    | 20901010 <sup>[6]</sup>  |              |                     |                 |
|  | 20901110 <sup>[7]</sup>  |              |                     |                 |
|  | 20901210 <sup>[8]</sup>  |              |                     |                 |
|  | 20901310 <sup>[9]</sup>  |              |                     |                 |
|  | 20901410 <sup>[10]</sup> |              |                     |                 |
|  | 20901510 <sup>[11]</sup> |              |                     |                 |
|  | 20901610 <sup>[12]</sup> |              |                     |                 |
|  | 20901710 <sup>[13]</sup> |              |                     |                 |

Models














|   | Item no                  | Type of hose | Diameter, hose (mm) | Hose length (m) |
|---|--------------------------|--------------|---------------------|-----------------|
|    | 20901810 <sup>[14]</sup> |              |                     |                 |
|    | 20901910 <sup>[15]</sup> |              |                     |                 |
|    | 20902010 <sup>[16]</sup> |              |                     |                 |
|    | 20950010 <sup>[17]</sup> |              |                     |                 |
|    | 20950110 <sup>[18]</sup> |              |                     |                 |
|    | 20950210 <sup>[19]</sup> |              |                     |                 |
|  | 20950310 <sup>[20]</sup> |              |                     |                 |
|  | 20950410 <sup>[21]</sup> |              |                     |                 |
|  | 20950510 <sup>[22]</sup> |              |                     |                 |
|  | 20950610 <sup>[23]</sup> |              |                     |                 |
|  | 20950710 <sup>[24]</sup> |              |                     |                 |
|  | 20950810 <sup>[25]</sup> |              |                     |                 |
|  | 20950910 <sup>[26]</sup> |              |                     |                 |

# Models








|   | Item no                  | Type of hose | Diameter, hose (mm) | Hose length (m) |
|---|--------------------------|--------------|---------------------|-----------------|
|    | 20951010 <sup>[27]</sup> |              |                     |                 |
|    | 20951110 <sup>[28]</sup> |              |                     |                 |
|    | 20951210 <sup>[29]</sup> |              |                     |                 |
|    | 20951310 <sup>[30]</sup> |              |                     |                 |
|    | 20951410 <sup>[31]</sup> |              |                     |                 |
|    | 20951510 <sup>[32]</sup> |              |                     |                 |
|  | 20900310 <sup>[33]</sup> | NR-CP        | 100                 | 5               |
|  | 20900410 <sup>[33]</sup> | NR-CP        | 150                 | 5               |
|  | 20902610 <sup>[33]</sup> | NR-CP        | 150                 | 7,5             |
|  | 20902710 <sup>[33]</sup> | NR-CP        | 150                 | 7,5             |

[illegible]

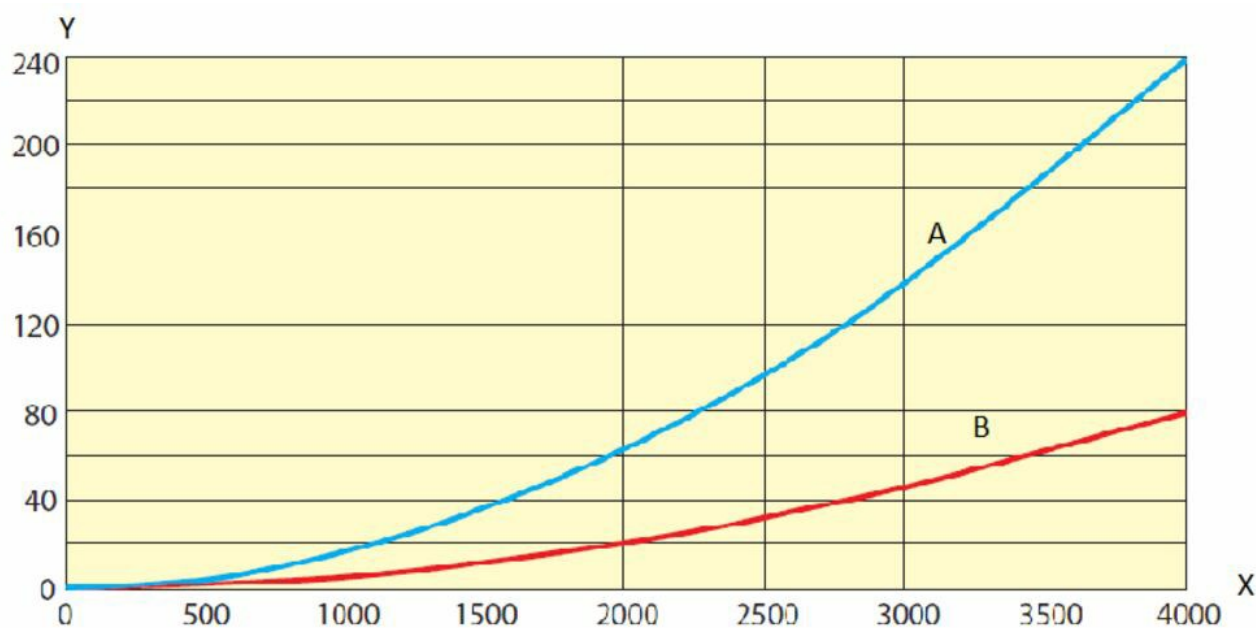
## Accessories

|   | Accessory  | Item no  |
|---|--|----------|
|    | Disconnection rail ALU 150/250                       | 20940810 |
|    | Hydraulic limit stop for ALU150/250                  | 20941410 |
|    | Adapter support bracket 5 pcs. ALU150                | 20940110 |
|    | Wall bracket 600mm                                   | 20947510 |
|    | Internal support for ALU150/250 10 pcs.              | 20941110 |
|   | Rail stiffener                                       | 20373942 |
|  | Exhaust trolley Maxi, ALU250                         | 20940310 |
|  | Exhaust trolley for fume extractor, ALU150/250       | 20940210 |
|  | Holder for balancer std trolley                      | 20941310 |
|  | Support for balancer MAXI                            | 20941210 |
|  | Extraction Trolley, ALU150/ 250, Std ø150            | 20943210 |
|  | Extraction trolley, ALU150/250, ø150 std with damper | 20943410 |
|  | Extraction trolley Reel on rail                      | 20948610 |

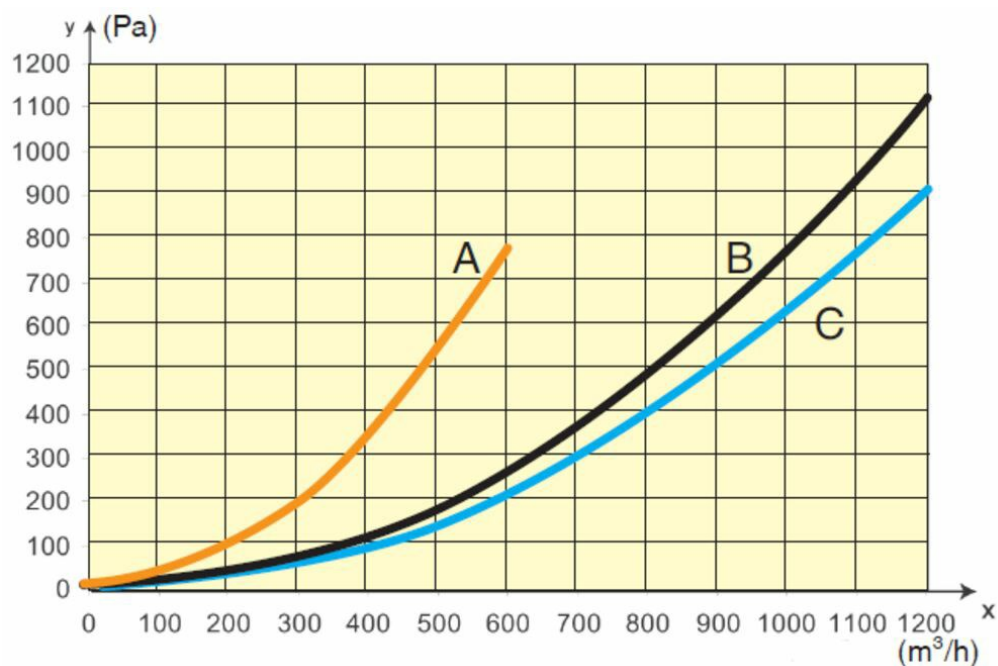
## Accessories

|   | Accessory                             | Item no  |
|---|---------------------------------------|----------|
|    | End connection ALU150 with hose       | 20816264 |
|    | Extractor side ALU 250 Ø250 with hose | 20377374 |
|    | Kit connection ALU 250                | 20377371 |
|    | Extractor top side Ø250 with hose     | 20377373 |
|    | Extractor top Ø250 W/hose             | 20377372 |
|    | Kit connection ALU150                 | 20373413 |
|  | Ceiling Support bracket 5pcs, ALU250  | 20377370 |

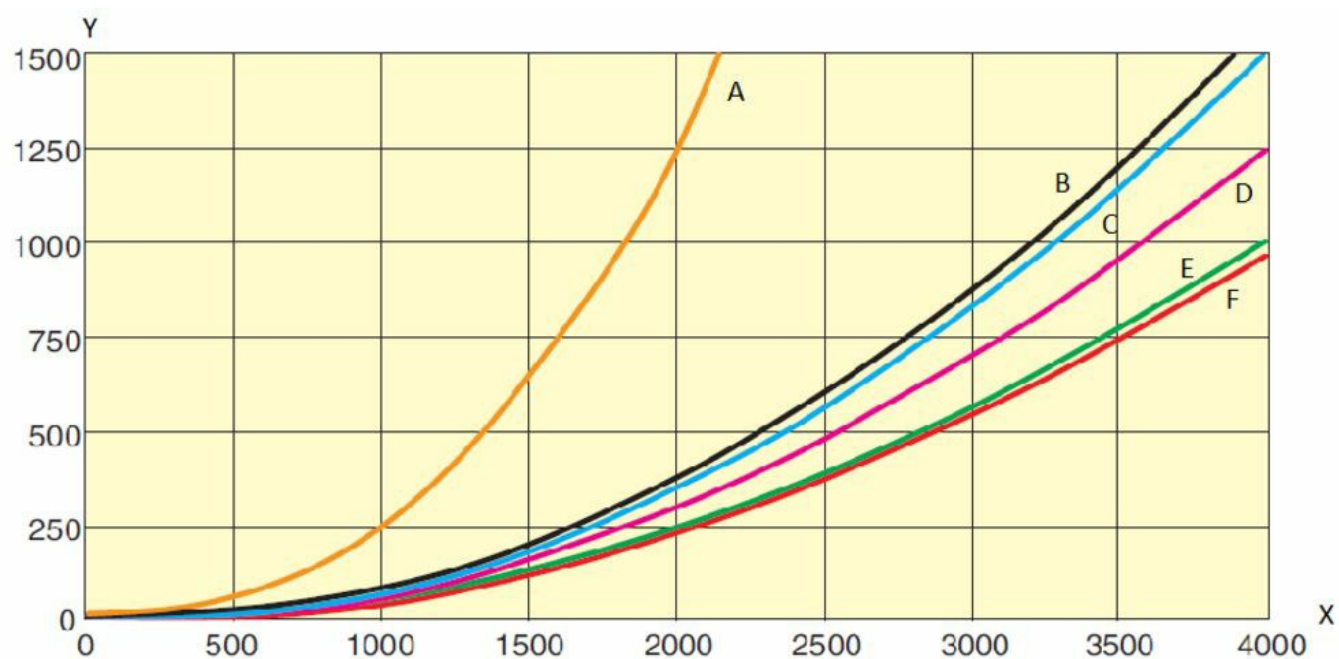




Y = Pressure drop (Pa), X = air flow (m³/h) A = ALU Ø150 mm B = ALU Ø250 mm



Pressure drop extraction units with A = hose Ø 100 mm, 5 m B = hose Ø 150 mm, 7.5 m C = hose Ø 150 mm, 5 m



Y= Pressure drop (Pa), X= air flow (m<sup>3</sup>/h) A = Trolley fume extractor arm B = Top Outlet - side Ø250 C = Maxi Trolley Ø200 without hose D = Rail end outlet ALU 250 / Ø250 E = Top outlet Ø250 F = Rail end outlet ALU 150 / Ø250