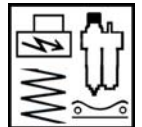




## Pneumatic Maintenance Units Series NWE



- For use in the ATEX zones 1, 2, 21 and 22
- Preparation of compressed air especially for pneumatic vibrators
- Ensures compressed air of consistently high quality
- With grade of filtration 5  $\mu\text{m}$  as standard for pure compressed air
- Continuous oil atomization



Lubricator NOE ¼, NOE ½



Filter regulator NFR ¼, NFR ½



Maintenance unit NWE 1



# NetterVibration



## Pneumatic Maintenance Units Series NWE

### Maintenance units

Type	Ordering number	Nominal width/ connection P	Pressure range [bar]	Inlet pressure max. [bar]	Flow rate [l/min]	Weight [kg]	Filter [µm]	Dimensions in mm															
								A	B	C	D	E	F	G	H	I	J	K	L	M	N		
NWE 1/4	81881114	G¼	0.5 - 10	10	1,750	1.20	5	226	137	114	96	108	99	92	5.4	128	116	110	50	49	24		
NWE 1/2	81881112	G½	0.5 - 10	10	3,500	2.00	5	257	163	144	110	120	108	100	6.4	155	141	132	35	49	41		
NWE 1	81881110	G1	0.5 - 10	10	10,500	4.55	5	382	214	157	128	83	-	-	8.4	124	98	66	20	61	19		

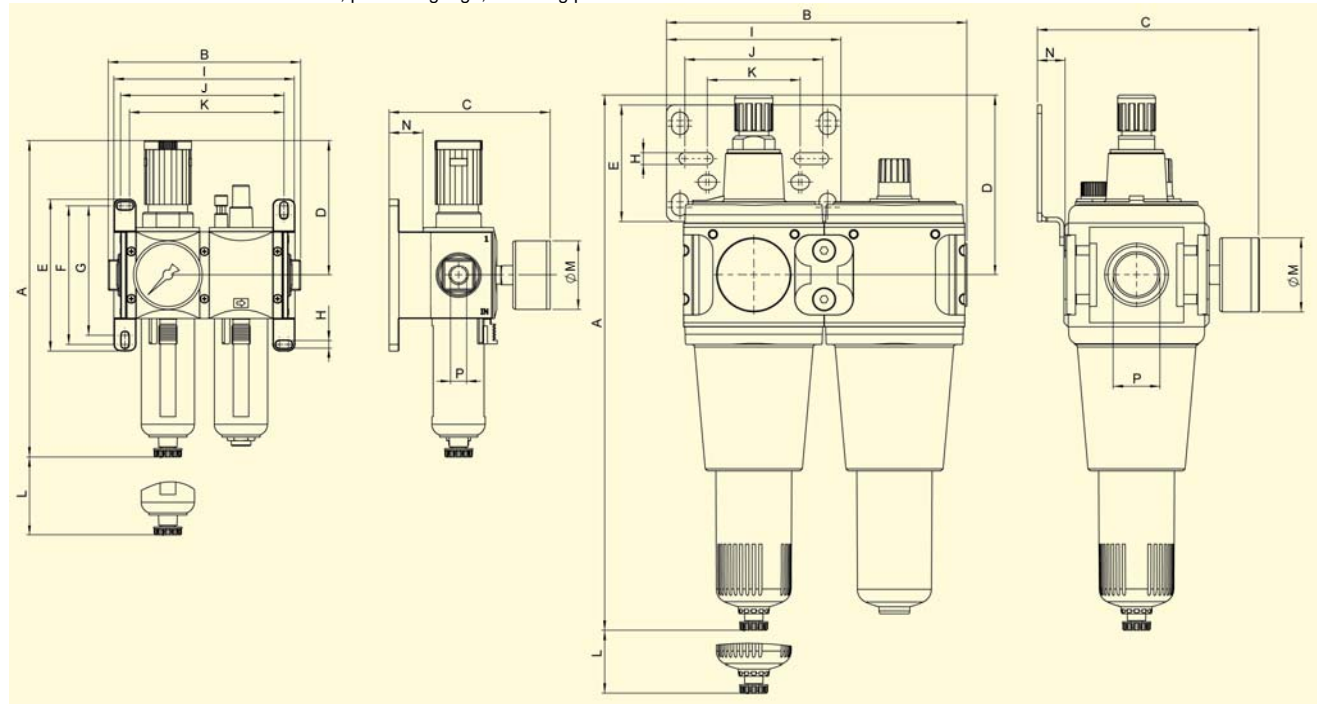
### Filter regulators

Type	Ordering number	Nominal width/ connection P	Pressure range [bar]	Inlet pressure max. [bar]	Flow rate [l/min]	Weight [kg]	Filter [µm]	A	B	C	D	E	F	G	H	I	J	K	L	M	N
NFR 1/4	81885114	G¼	0.5 - 10	10	1,750	0.90	5	226	85	109	96	108	99	92	5.4	76	64	58	50	49	24
NFR 1/2	81885112	G½	0.5 - 10	10	3,500	1.47	5	257	101	139	110	120	108	100	6.4	92	77	69	36	49	41
NFR 1	81886110	G1	0.5 - 10	10	11,000	2.53	5	382	124	164	128	83	-	-	8.4	-	98	66	20	61	19

### Lubricators

Type	Ordering number	Nominal width/ connection P	Pressure range [bar]	Inlet pressure max. [bar]	Flow rate [l/min]	Weight [kg]	Filter [µm]	A	B	C	D	E	F	G	H	I	J	K	L	M	N
NOE 1/4	81882114	G¼	0.5 - 10	10	1,750	0.72	-	186	85	76	64	108	99	92	5.4	76	64	58	80	-	24
NOE 1/2	81882112	G½	0.5 - 10	10	3,500	1.20	-	210	100	106	70	120	108	100	6.9	92	77	69	90	-	41
NOE 1	81882110	G1	0.5 - 10	10	18,000	2.03	-	358	124	122	85	83	-	-	8.4	-	98	66	30	-	19

All maintenance units with manual drain, pressure gauge, mounting plate or bracket and filter



NWE ¼ and NWE ½

NWE 1

#### Applications:

The maintenance units and their individual components supply pneumatic vibrators with pure lubricated compressed air. They improve the reliability and service life of pneumatic equipment.

NWE, NFR and NOE are especially suitable for pneumatic piston vibrators. The pressure variations caused by piston vibrators have no influence on the function of the components (regulator, lubricator).

The maintenance units guarantee the trouble-free operation of all air-operated vibrators by continuously atomizing the oil.

The maintenance units are suitable for the use in hazardous areas of zone 1, 2, 21 and 22.

#### Design and functioning principle:

The pneumatic maintenance units consist of the filter regulator (filter, manometer, manual drain, mounting plate) and the lubricator.

The 5 µm filter inside the filter regulator (condensate reservoir) cleans the compressed air. At the same time the required pressure can be adjusted.

The lubricator atomizes the pneumatic oil. The compressed air leaves the maintenance unit clean and sufficiently lubricated (oil quantity adjustable).

The table shows the technical data of maintenance units and their individual components which work reliably in continuous and intermittent operation.

#### Admissible operating conditions

##### Drive media:

Compressed air or nitrogen

##### Operating pressure:

0,5 bar to 10 bar

##### Ambient temperature:

0°C to 50°C

NetterVibration offers the accessories required for mounting, installation, control and monitoring of vibrators and impactors.

#### Netter provides solutions.

Consult our experienced application technicians.

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