



INDUSTRIAL VACUUM SYSTEMS

Data sheet



FS-216

wieland lufttechnik

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| Technical data | FS-216 DE | FS-216 compressed air |
|---|--|------------------------------|
| Electric power | 3 kW | - |
| Max. airflow | 340 m ³ /h | 340 m ³ /h |
| Max. suction power | 330 mbar | 350 mbar |
| Suction hose diameter | 50 mm | 50 mm |
| Suction hose length | 3,5 m | 3,5 m |
| Collection capacity | 190 litres | 190 litres |
| Dimensions (l x w x h) | 1200 x 700 x 1370 mm | 1200 x 700 x 1370 mm |
| Weight, approx. | 130 kg | 130 kg |
| Voltage, three-phase, 50 Hz | 400 V | Compressed air connection ½" |
| Fuse | 16 A | |
| Compressed air consumption | - | ≥ 1,5 |
| Noise level w/o reflections, (DIN 45635) | 73 dB(A) | 73 dB(A) |
| Perforation diameter of sieve basket | 200 µm - 2 mm | 200 µm - 2 mm |
| Suction material | (Wet) metal chips, coolant | |
| Application | Metal working industry, extraction of metal chips and / or liquids | |
| Sectors of industry | Cleaning of machinery, equipment and workplace. Separation of liquids and solids. | |

Comparison Wieland Lufttechnik / other suppliers

| Wieland Lufttechnik | Others |
|--|--|
| Maintenance free motor and pump | Maintenance of belt drives, frequent repair of high speed blowers |
| Compressed air drive available | Electrically driven units only (coal brushes!) |
| Suitable for inflammable vapour and explosive gases (certain types) | Only available with electrically driven vacuum pump and discharge pump |
| Large collection container 190 l | Smaller collection capacity |
| High suction performance due to side channel vacuum pump | Suction units with blowers with lower suction power |
| Unit automatically stops when full | Collection container can be overfilled |
| Pressure discharge of liquids. No second pump required. | Additional pump required to discharge liquids. Often fragile. |
| Sieve basket to separate liquids and chips. Possibility to insert fleece filter | No separation of liquids and chips |