

**Industrial vacuum cleaner
with three phase drive
type R01 R022
with spark trap**



Industrial vacuum cleaner type R01 R022 with spark trap



Exhaust air diffuser

GRP housing

Three-phase motor

Manual deduster

Spark trap

Foot bar emptying mechanism

Cooling section, approx. 5 m long

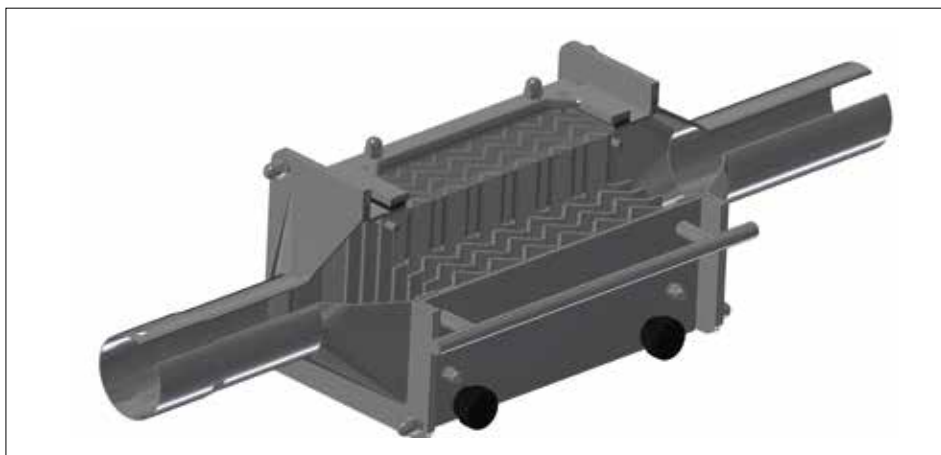


Easy to handle thanks to RUWAC foot bar emptying mechanism

Effective spark trap

- Solid vacuuming of explosive dust-air mixtures where there is a possibility that sparks might be produced (such as in grinding work).
- The new system consists of a compact casing housing a spark trap which mechanically cools any sparks in the vacuumed material flow.
- The vacuumed material then passes through a 5-metre long cooling section before it reaches the waste container.
- The spark trap prevents mechanically produced grinding sparks from entering the industrial vacuum and creating a potential ignition hazard, which could cause a fire or explosion.

Spark trap design



R01 R022
in auto body paint shops



R01 R022
in automotive repair



Technical data

R01 R022

Housing	GRP
Motor power (kW)	2.2
Voltage (V)	400
Vacuum (mbar)	-206
Air flow rate (m ³ /h) (measured with a 3 m hose)	300
Sound pressure level (dB(A)) (DIN EN ISO 3744)	70
Bag filter for dust class L, M (m ²)	1.2/2.6
Cell filter for dust class L, M (m ²)	1.0
Residual dust filter for dust class H (m ²)	3.2
Height (mm) (cell filter 1.0 m ² dust class L, M)	970
Height (mm) (pocket filter 1.2 m ² dust class L, M)	890
Height (mm) (pocket filter 2.6 m ² dust class L, M)	1,200
Height (mm) (cell filter 1.0 m ² dust class H)	1,040
Height (mm) (pocket filter 1.2 m ² dust class H)	1,040
Height (mm) (pocket filter 2.6 m ² dust class H)	1,380
Width (mm)	520
Length (mm)	850
Protection class IP	x4
Protection class (Zone 22) IP	54
Capacity (litres)	35
Suction connection (mm)	50

- ✓ Expert statement from TÜV for automotive applications, for attachment to a mobile industrial vacuum, type R01 R022 (ignition-source-free design).
- ✓ Technical report from the TÜV on the proper function of the spark trap in combination with a Ruwac industrial vacuum.

Choice of disposal systems



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