

V-SDR Series -For explosive or inflammable powder-



V-SDR Series Industrial Vacuum cleaner is designed for collecting dust that possibly triggers dust explosion. The dust-explosion proof type motor and the anti-electrostatic filter are all designed to have less risk of dust explosion. The check valve and the explosion diffusion port are all designed for peripheral safety against possible dust explosions inside the unit body.



Anti-electrostatic molded
filter



Manual shaking type



Inflammable powder/dust
that might explode



Max. airflow

Features:

- Powerfully vacuums dust that possibly triggers dust explosion.
- "Proven Bestseller".
- Durable and heavy-duty industrial vacuum cleaner
- Safety functions such as check valve, diffusion port, Anti-electrostatic filter, and other further are standard equipment.



Anti-electrostatic filter



Material: Polyester

Surface treatment: Stainless evaporation

Corresponding models: V-SDR Series

Application: Electrostatic characteristic dust

Features

- Specifications give high charge prevention effect and make cause of dust explosions unlikely to occur.
- Collecting efficiency: Good, Particle diameter about 10μm
- Heat resistant temperature (F): normal temperature 40°C (104°)
- Dust removal: Manual



Handles Kst value 200(3SDR) · 160 (7SDR)

Possible explosive dust and particles:

- Aluminum · Aluminum alloy · Titanium
- Corn starch · Epoxy resin · Pulverized coal

Please consult AMANO for dust-explosion test.
Do not collect magnesium or magnesium alloy particles.

Particular	Unit	V-3SDR	V-7SDR
Power Supply	Volt	220	220
Frequency	Hz	60	60
Phase		3-phase	3-phase
Output	kW	2.2	5.5
Airflow	m ³ /min	2.4	2.7
Static Pressure	kPa	10.9	19.7
Suction Port Ø	mm	38.1	38.1
Dimension (W x D x H)	mm	496×1089×1052	621×1397×1194
Weight	kg	141	250