

ATEX AND ACD VACUUM CLEANERS

ECOBULL T H ACD INERT

INDUSTRIAL VACUUM FOR INERTIZATION OF COMBUSTIBLE DUSTS



POWER
3 kW - 4 HP



APPLICATION
Combustible dusts



COLLECTION SYSTEM
Container with inertizing
bath

FEATURES

- Classified ACD for suction of combustible dust in areas not classified Atex
- Ideal for safely extracting conductive metallic dusts
- Container with an inert liquid bath that prevents the formation of explosive atmospheres inside the vacuum
- Vacuum gauge to check performance

HIGHLIGHTS



SUCTION UNIT

The suction unit is a side channel blower with direct coupling between motor and impeller. The turbine is equipped with a safety valve to ensure continuous, maintenance-free operation. A metal silencer is included as standard in the turbine to ensure a low noise level.



FILTER UNIT

Filtration is provided by two progressive efficiency filters installed in series: a primary star polyester filter class M (filtering efficiency 1 micron) with high filtering surface area and an absolute secondary filter in class H14.



DESIGNED FOR COMBUSTIBLE DUST

Ideal for collecting fine and potentially combustible dust in non-ATEX classified areas. The ACD vacuum is equipped with antistatic filters and full grounding to ensure safe and reliable operation.



INERTING LIQUID BATH

Container with conductive dust immersion system. Prevents the formation of explosive atmospheres inside the vacuum cleaner by neutralizing incoming dust.

TECHNICAL DATA

MOTOR

Typologies	Side channel blower
Power	3 kW - 4 HP
Frequency	50/60 Hz
Voltage	400 V
Vacuum in continuous run	230 mBar
Maximum air flow	340 m3/h
Insulation class	55 F IP
Noise level	72 dB(A)

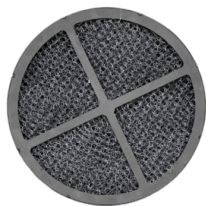
MACHINE

Suction inlet	50 Ø mm
Collection system	Container with inerting liquid
Capacity	100 Lt
Liquid discharge system	Discharge valve
Dimensions	660 x 800 mm
Height	1630 mm
Weight	95 Kg
Solid separation	Basket grid
Liquid separation	150µm liquid filter
Safety valve	2x Hydrogen Vent

FILTRATION

Primary filter type	Cartridge
Filter surface	35000 cm2
EN 60335-2-69 filtration class	M
Media	Antistatic polyester
Additional filter	Spark trap
Secondary Absolute Filter	H14 - Included

FEATURES



ANTI-SPARK FILTER

Protective filter that prevents the passage of sparks



HYDROGEN VENT

Safety valve to let out any gases formed inside the aspirator



PUSH HANDLE



PLUG

4-pole industrial plug



VACUUM GAUGE

Vacuum gauge for indication of filter clogged or in need of replacement



POWER SUPPLY CABLE



WHEEL WITH BRAKE

Non-marking wheel with integrated brake



WHEELS

Non-marking pivoting wheels



STEEL CONSTRUCTION

Rugged industrial coated steel construction



PRV

Pressure relief valve installed



GRD

Grounding



BX

Stainless steel bin AISI 304

OPTIONS

STRUCTURE AND OPTIONS

60^{Hz}

60HZ
Available in 60Hz version



3 YEARS WARRANTY
Purchasing the replacement filter along with the vacuum

ACCESSORIES



P12378
ANTISTATIC STARTER KIT Ø 50MM
Basic kit containing antistatic accessories for application with 50 mm diameter ATEX vacuum cleaner



P12377
ANTISTATIC KIT PRO Ø 50MM
Kit containing antistatic accessories for application with 50 mm diameter ATEX vacuum cleaner