ATEX AND ACD VACUUM CLEANERS

ECOBULL T H ACD INERT

INDUSTRIAL VACUUM FOR INERTING COMBUSTIBLE DUST

POWER
3 kW - 4 HP

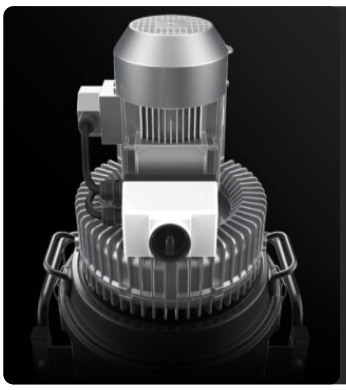
APPLICATION
Combustible dusts

COLLECTION SYSTEM
Liquid bath inerting system

FEATURES

- ACD classified for combustible dust extraction in non-Atex classified areas
- Ideal for safe extraction of reactive dusts
- Container with inerting liquid bath that neutralizes the dust sucked in
- Vacuum gauge for performance monitoring

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)

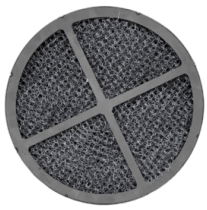
MACHINE

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	150 m 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

60HZ
Available in 60Hz version

3 YEARS WARRANTY
Purchasing the replacement filter along with the vacuum

ACCESSORIES

P12378
ANTISTATIC STARTER KIT Ø 50MM
Certified basic configuration for charge dissipation on medium-diameter cables. - 3 m of electrically conductive EVA - 2 anti-static rub ...

P12377
ANTISTATIC KIT PRO Ø 50MM
Electrically conductive solution for maximum protection against static discharge. - 3 m of electrically conductive EVA - 2 anti-static r ...