

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 combustibile 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 combustibile 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)

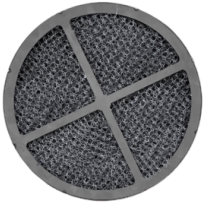
### MACHINE

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	PPL bag 150µm
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<sup>Hz</sup>** 

**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