



# HDC 155 PRO ATEX 21

MOTORIZATION

**Turbine**

MATERIAL TO VACUUM

**Dust**

FILTER TYPE

**Cartridge**

FILTER CLEANING

**Semi-Automatic -  
Pneumatic Piston**

Industrial vacuum cleaner with a 5.5 kW three-phase side channel turbine in series, configurable according to requirements, with high head, ideal for suctioning heavy, high specific weight materials or over long distances as it can reach a maximum vacuum of 500 mBar, or in parallel for greater air flow. They are characterised by a construction designed to meet the requirements of solidity and robustness, ideal for heavy duty applications.

## Features



**SAFETY**  
Thermal magnetic circuit breaker



**PNEUMATIC-MECHANICAL PISTON**  
Semi-automatic with pneumatic-mechanical piston.



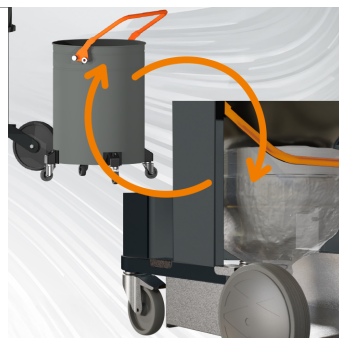
**FILTRATION**  
Primary filter class M conductive



**ENGINE**  
5,2 KW Turbine available



**FILTER CLEANING**  
Cleaning system with airflow reversal



**EMPTYING**  
Collection system with 100L tank or Longopack



## Technical specifications

Technical data	HDC 155 P PRO ATEX 21	HDC 155 S PRO ATEX 21
MATERIAL TO VACUUM	Dust	Dust
MOTORIZATION	Turbine	Turbine
MARKING	Zone 20/21 - II 2D Ex h tb IIIC T135°C Db IP64	Zone 20/21 - II 2D Ex h tb IIIC T135°C Db IP64
POWER	5,2 kW	5,2 kW
VOLTAGE	400 V	400 V
FREQUENCY	50 Hz	50 Hz
AMPERAGE	10,4 A	10,4 A
AIR CONSUMPTION	-	-
AIRFLOW	560 m3/h	320 m3/h
DEPRESSION	320 mBar	530 mBar
MAX DEPRESSION	240 mBar	400 mBar
SUCTION INLET	Type B Tang. 60mm	Type B Tang. 60mm
DIMENSIONS	120X60 h135 cm	120X60 h135 cm
WEIGHT	151 Kg	151 Kg
COLLECTION SYSTEM	Barrel / Longopac®	Barrel / Longopac®
COLLECTION CAPACITY	100 L / Longopac®	100 L / Longopac®
LONGOPAC	Si	Si
ELECTRIC FLOATER	-	-
FILTER CHAMBER DIAMETER	Ø 460mm	Ø 460mm
FILTER TYPE	Cartridge	Cartridge
FILTERING MEDIA AND PROPERTIES	M Conductive Aluminized	M Conductive Aluminized
FILTER SURFACE	22.000 cm2	22.000 cm2
FILTER CLEANING	Semi-Automatic - Pneumatic Piston	Semi-Automatic - Pneumatic Piston
LIQUID EMPTYING	-	-
FILTER HEPA	Optional	Optional
HEPA FILTERING SURFACE	-	-