



# HDC 822 ICLEAN ATEX 2-22

MOTORIZATION

**Turbine**

MATERIAL TO VACUUM

**Very fine dust**

FILTER TYPE

**8x Cartridge**

FILTER CLEANING

**Automatic  
Cleaning**

Three-phase ATEX high-power industrial vacuum cleaner. The advantage of this machine is to have a modular power. Motorized with four 5.5 kW motors, its power can be adjusted as needed. It finds its ideal use in centralized systems, having manageable power automatically allows a considerable saving in energy consumption.

Features



EMPTYING  
Collection system with 75L tank



INTERCHANGEABLE  
With Longopack continuous bag



CLEANING SYSTEM  
ICLEAN patented cleaning system



INTERCHANGEABLE  
With Longopack continuous bag



ENGINE  
4x5,5 KW turbines



SAFETY  
Control panel Turbines and cleaning system



FILTRATION  
8 conductive HEPA + PTFE cartridge filters



EMPTYING  
160 Lt collection system

## Technical specifications

Technical data	HDC 822 P ICLEAN ATEX 2-22	HDC 822 P AIR CLEAN ATEX 2-22	HDC 822 P ICLEAN+AIR ATEX 2-22	HDC 822 S ICLEAN ATEX 2-22
MATERIAL TO VACUUM	Very fine dust	Very fine dust	Very fine dust	Very fine dust
MOTORIZATION	Turbine	Turbine	Turbine	Turbine
MARKING	Zone 20/22 - II 3G Ex dc h IIB T3 Gc II 3D Ex h tc IIIC T 135°C Dc IP65	Zone 20/22 - II 3G Ex dc h IIB T3 Gc II 3D Ex h tc IIIC T 135°C Dc IP65	Zone 20/22 - II 3G Ex dc h IIB T3 Gc II 3D Ex h tc IIIC T 135°C Dc IP65	Zone 20/22 - II 3G Ex dc h IIB T3 Gc II 3D Ex h tc IIIC T 135°C Dc IP65
POWER	4 x 5,5 kW / 22 kW	4 x 5,5 kW / 22 kW	4 x 5,5 kW / 22 kW	4 x 5,5 kW / 22 kW
VOLTAGE	400 V	400 V	400 V	400 V
FREQUENCY	50 Hz	50 Hz	50 Hz	50 Hz
AMPERAGE	10,4 A	10,4 A	10,4 A	10,4 A
AIR CONSUMPTION	-	-	-	-
AIRFLOW	2.200 m3/h	2.200 m3/h	2.200 m3/h	1.300 m3/h
DEPRESSION	320 mBar	320 mBar	320 mBar	530 mBar
MAX DEPRESSION	240 mBar	240 mBar	240 mBar	400 mBar
SUCTION INLET	Type E Tang. 150mm	Type E Tang. 150mm	Type E Tang. 150mm	Type E Tang. 150mm
DIMENSIONS	170x88 h225 cm	170x88 h225 cm	170x88 h225 cm	170x88 h225 cm
WEIGHT	750 Kg	750 Kg	750 Kg	750 Kg
COLLECTION SYSTEM	Barrel	Barrel	Barrel	Barrel
COLLECTION CAPACITY	160 L	160 L	160 L	160 L
LONGOPAC	-	-	-	-
ELECTRIC FLOATER	-	-	-	-
FILTER CHAMBER DIAMETER	Ø 800 mm	Ø 800 mm	Ø 800 mm	Ø 800 mm
FILTER TYPE	8x Cartridge	8x Cartridge	8x Cartridge	8x Cartridge
FILTERING MEDIA AND PROPERTIES	HEPA + PTFE	HEPA + PTFE	HEPA + PTFE	HEPA + PTFE
FILTER SURFACE	152.000 cm2	152.000 cm2	152.000 cm2	152.000 cm2
FILTER CLEANING	Automatic Cleaning	Automatic - Compressed Air	Automatic - Micro Vibration + Compressed Air	Automatic Cleaning
LIQUID EMPTYING	-	-	-	-
FILTER HEPA	-	-	-	-
HEPA FILTERING SURFACE	-	-	-	-

## Technical specifications

Technical data	HDC 822 S AIR CLEAN ATEX 2-22	HDC 822 S ICLEAN+AIR ATEX 2-22
MATERIAL TO VACUUM	Very fine dust	Very fine dust
MOTORIZATION	Turbine	Turbine
MARKING	Zone 20/22 - II 3G Ex dc h IIB T3 Gc II 3D Ex h tc IIIC T 135°C Dc IP65	Zone 20/22 - II 3G Ex dc h IIB T3 Gc II 3D Ex h tc IIIC T 135°C Dc IP65
POWER	4 x 5,5 kW / 22 kW	4 x 5,5 kW / 22 kW
VOLTAGE	400 V	400 V
FREQUENCY	50 Hz	50 Hz
AMPERAGE	10,4 A	10,4 A
AIR CONSUMPTION	-	-
AIRFLOW	1.300 m3/h	1.300 m3/h
DEPRESSION	530 mBar	530 mBar
MAX DEPRESSION	400 mBar	400 mBar
SUCTION INLET	Type E Tang. 150mm	Type E Tang. 150mm
DIMENSIONS	170x88 h225 cm	170x88 h225 cm
WEIGHT	750 Kg	750 Kg
COLLECTION SYSTEM	Barrel	Barrel
COLLECTION CAPACITY	160 L	160 L
LONGOPAC	-	-
ELECTRIC FLOATER	-	-
FILTER CHAMBER DIAMETER	Ø 800 mm	Ø 800 mm
FILTER TYPE	8x Cartridge	8x Cartridge
FILTERING MEDIA AND PROPERTIES	HEPA + PTFE	HEPA + PTFE
FILTER SURFACE	152.000 cm2	152.000 cm2
FILTER CLEANING	Automatic - Compressed Air	Automatic - Micro Vibration + Compressed Air
LIQUID EMPTYING	-	-
FILTER HEPA	-	-
HEPA FILTERING SURFACE	-	-