

■ SINGLE-PHASE HEPA INDUSTRIAL VACUUMS FOR FINE DUST



■ SINGLE-STAGE TURBINE HEPA INDUSTRIAL VACUUMS FOR FINE DUST



■ 5.5 KW DOUBLE-STAGE TURBINE HEPA INDUSTRIAL VACUUMS FOR FINE DUST

■ 11 KW DOUBLE-STAGE TURBINE HEPA INDUSTRIAL VACU-UMS FOR FINE DUST







SINGLE PHASE VACUUMS FOR VERY FNE DUST

WITH ICOON AUTOMATIC FILTER CLEANING

The iclean line is the cutting edge of the production of **COUNCO**. With our experience we are able to offer the maximum expression of patented technology as regards the suction of fine and very fine dust.

ICEON line single-phase vacuum cleaners are acknowledged to be extremely reliable, practical and effective in the aspiration of complex powders, without the use of external devices for cleaning the filters. The filter cleaning system is integrated in the suction head and has a simple concept, but at the same time extremely efficient.

UNIQUE OF THEIR KIND

NON-STOP SUCTION FOR NON-STOP PRODUCTION

With this technology the models equipped with ican cleaning system ensure a constant suction performance ensuring independently the cleaning of the filters without any user intervention and without interrupting the vacuum.

The **ICGON** single-phase models are designed to meet the demands of continuous and prolonged suctions, particularly ideal in the field of surface treatment.





HOW DOES IT WORK?

ICEGO line single-phase vacuum cleaners are multi-filter vacuum cleaners. The number of filters depends on the number of engines installed. All motors and filters work together for two minutes at the end of which the cyclic cleaning take place by vibrating action. The system provides for the closure suction on the filter to allow the fall of the accumulated dust, while the other installed filters continue to aspirate.

HIGHEST STANDARD WITH HEPA FILTRATION

The safety of a dedusted work environment is guaranteed by the use of HEPA filters capable of filtering 99.995% of dust with a particle size of 0.3 μ . The filter surface is also covered with a PTFE membrane that makes the surface smoother and therefore easier to clean. In addition, the PTFE membrane makes the filters waterproof, then washable despite the HEPA filters can not be generally wet due to their physical composition.

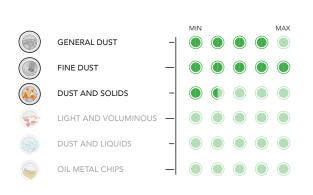
► 220 icuan



ICLEAN 220 is the ideal partner for all professionals who require excellent suction performance and excellent filtering capabilities. A concentration of power and reliability packed into an extremely robust tool, with limited dimensions.

Finds its ideal application in construction employment, in bodywork or in any industry that need a practical use vacuum cleaner, good maneuverability for the suction of fine dust, whether it is connected to power tools, sanding or used as a simple tool.

WORK EFFICIENCY



TYPE OF APPLICATION

FINE DOST

icean	220
MOTORIZATION	nr 2 By-pass
POWER	2200 W
VOLTAGE	230 ∨ ⊙
FREQUENCY	50 Hz
FILTER SHAKER	AUTO
FILTER CLASS	HEPA
AIR FLOW	340 m3/h
MAX DEPRESSION	230 mBar
CAPACITY	20 L
DIMENSIONS	54X58 h 85 cm
WEIGHT	33 Kg





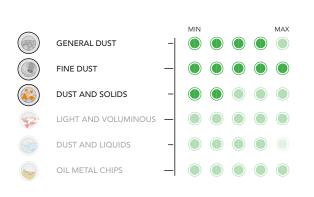






The 235 ICLEAN, increased evolution compared to the more moderate 220 iclean stands for more filtering capabilities and greater capacity. The reinforced trolley from the previous one allows its use in industrial environments with the most demanding applications, especially those regarding the coupling of machines that generate large amounts of dust.

WORK EFFICIENCY



TYPE OF APPLICATION

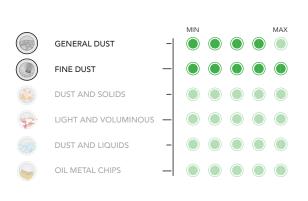
FINE DUST

ic@an	235
MOTORIZATION	nr 2 By-pass
POWER	2200 W
VOLTAGE	230 ∨ ⊙
FREQUENCY	50 Hz
FILTER SHAKER	AUTO
FILTER CLASS	HEPA
AIR FLOW	340 m3/h
MAX DEPRESSION	230 mBar
CAPACITY	35 L
DIMENSIONS	62X50 h 111 cm
WEIGHT	42 Kg

▶ 235 Single Bag ICLGON / 235 BAG ICLGON



WORK EFFICIENCY



TYPE OF APPLICATION

FINE DUST

icean	235 SINGLE BAG	235 BAG
MOTORIZATION	nr 2 By-pass	nr 2 By-pass
POWER	2200 W	2200 W
VOLTAGE	230 V 💽	230 V 💿
FREQUENCY	50 Hz	50 Hz
FILTER SHAKER	AUTO	AUTO
FILTER CLASS	HEPA	HEPA
AIR FLOW	340 m3/h	340 m3/h
MAX DEPRESSION	230 mBar	230 mBar
HARVESTING SYSTEM	DISPOSABLE BAG	LONGOPAC®
DIMENSIONS	65X55 h 145 cm	65X55 h 145 cm
WEIGHT	45 Kg	45 Kg





235 Single BAG

icean

The model 235 SingleBag ICLEAN assembles a collection system with single bag, disposable, easily interchangeable.



Vacuums cleaners equipped with collection bags are suitable for any kind of industries where large quantities of dust must be vacuumed.

The disposal of the collected material is facilitated by the use of collection bags that, once sealed, prevent contamination of the work environment during disposal and provide additional safety for the health of the operator.







235 BAG ICLEAN

THE 235 BAG ICLEAN model assembles the LONGOPAC® system uses a special continuous bag consisting of a very resistant plastic tube that is 22 metres long and placed under the collection hopper. The principal feature of this system is that the amount of waste determines the size and weight of the bag which can be sealed without contaminating the working environment, avoiding direct contact with the vacuumed material and the consequent dispersion of dust in the environment and inhalation by the operator.



► 350 ictan





FULLY AUTOMATIC FILTER CLEANING CONSTANT AND **ENDLESS SUCTION**

NR 3 HEPA FILTERS + PTFE MEMBRANE

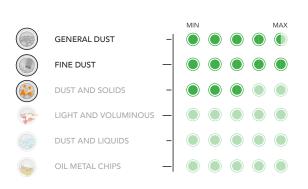




The 350 ICLEAN the vacuum cleaner 3-phase motors for excellence. Model most appreciated by those who use it in their daily work, especially in the field of treatment of surfaces.

It is the most efficient single phase extractor of the world for the extraction of dust, resulting from production machines such as sanders. Its field of application is not limited to construction, but spans multiple industries where dust represents a difficult problem for conventional industrial vacuums.

WORK EFFICIENCY



TYPE OF APPLICATION

ic@an	350
MOTORIZATION	nr 3 By-pass
POWER	3300 W
VOLTAGE	230 V 🕞
FREQUENCY	50 Hz
FILTER SHAKER	AUTO
FILTER CLASS	HEPA
AIR FLOW	510 m3/h
MAX DEPRESSION	230 mBar
CAPACITY	50 L
DIMENSIONS	80X60 h 118 cm
WEIGHT	65 Kg





► 350 BAG ICLEON

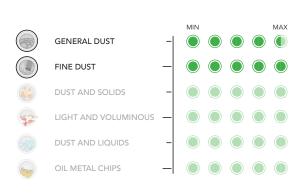


The 350 BAG ICLEAN is the version of 350 ICLEAN equipped with LONGOPAC® collection system.

With this system the disposal of the aspirated material is facilitated by the use of collection bags, which once sealed do not allow the dispersing of contaminants particles in the environment, representing a further safety for the operator's health.

This special continuous bag is made from a very resistant plastic tube of 22 meters length. Its characteristic is that of being able to stow the material aspirated creating different sized bags and variable weight, avoiding direct contact with the aspirated dust.

WORK EFFICIENCY



TYPE OF APPLICATION

FINE DUST

10/00	050 040
ic@an	350 BAG
MOTORIZATION	nr 3 By-pass
POWER	3300 W
VOLTAGE	230 V ⊙
FREQUENCY	50 Hz
FILTER SHAKER	AUTO
FILTER CLASS	HEPA
AIR FLOW	510 m3/h
MAX DEPRESSION	230 mBar
HARVESTING SYSTEM	LONGOPAC®
DIMENSIONS	73X60 h 157 cm
WEIGHT	83 Kg





TURBINE VACUUM WITH HEPA FILTERS

AND AUTOMATIC FILTER CLEANING

The ICEAN turbine models are the best vacuum cleaners to combine with continuous production machines as they are the ultimate expression of reliability and filtering efficiency available in our range. Reliability is inherent in the motor with side channel blowers that provide excellent performance and can work continuously without interruption even 24 hours on 24.

The filtering efficiency is entrusted to our patented system for cleaning of filters that keeps the **ICLEAN** filters always clean, even with virtual endless amount of fine powder.

■ ENDLESS SUCTION

FILTERS KEPT CONSTANTLY CLEANED FOR NON-STOP PRODUCTION MACHINERY

With this technology the models equipped with **ICEON** cleaning system ensure a constant suction performance ensuring independently the cleaning of the filters without any user intervention and without interrupting the vacuum.

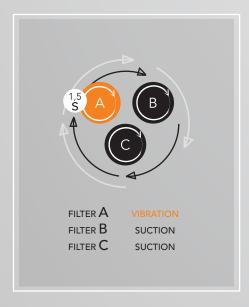
HOW IT WORKS?

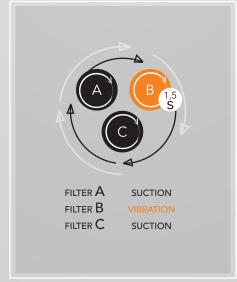
The **ICCON** three-phase models are multi-filter vacuum cleaners.

The number of filters depends on the number of engines installed. All motors and filters work together for two minutes at the end of which the cyclic cleaning take place by vibrating action. The system provides for the closure suction on the filter to allow the fall of the accumulated dust, while the other installed filters continue to aspirate.

■ HIGHEST STANDARD WITH HEPA FILTRATION

The safety of a dedusted work environment is guaranteed by the use of HEPA filters capable of filtering 99.995% of dust with a particle size of $0.3~\mu$. The filter surface is also covered with a PTFE membrane that makes the surface smoother and therefore easier to clean. In addition, the PTFE membrane makes the filters waterproof, then washable despite the HEPA filters can not be generally wet due to their physical composition.









► ST ICLEAN

The ST ICLEAN models are among the only industrial vacuum cleaners on the market with side channel turbine single-stage single-phase or three-phase to boast automatic cleaning system of the filters.

These vacuum cleaners have all the intrinsic benefits of the vertical design, such as reduced mobility for space in confined areas also offer the highest filtration efficiency thanks to the automatic cleaning system of filters ICLEAN with standard HEPA filtration and absolute reliability in continuous use

SIDE CHANNEL TURBINE









WORK EFFICIENCY

		MIN		MAX
GENERAL DUST	-			
FINE DUST	_			
DUST AND SOLIDS	_			
LIGHT AND VOLUMI-				
NOUS				
DUST AND LIQUIDS	-			
OIL METAL CHIPS	_			

FINE DUS

DEGREE OF SPECIFICITY









TECHNICAL DATA

ICEOU	ST 22	ST 3
MOTORIZATION	TURBINE	TURBINE
POWER	2,2 kW	3 kW
VOLTAGE	230 V 😯	400 V 3P+N+E
FREQUENCY	50 Hz	50 Hz
FILTER SHAKER	AUTO	AUTO
FILTER CLASS	HEPA	HEPA
AIR FLOW	320 m3/h	320 m3/h
MAX DEPRESSION	300 mBar	320 mBar
VACUUM VALVE	200 mBar	250 mBar
CAPACITY	50 L	50 L
DIMENSIONS	80X60 h 152 cm	80X60 h 152 cm
WEIGHT	105 Kg	105 Kg

VOLTAGES AVAILABLE: 220 V - 60 HZ • 480 V - 60 HZ • 575 V - 60 HZ

► CAR 1100 / CAR 1100 BAG (CLGC)

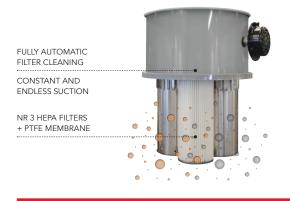


► CAR 1100 / CAR 1100 BAG (CLGC)

The CAR1155 ICLEAN models are among the most popular three-phase models in our range as they ensure maximum reliability and a more efficient filtering capacity thanks to the automatic cleaning system of filters ICLEAN that never stops the intake and make it the ideal vacuum cleaner to respond to requests for continuous and prolonged aspirations over time, particularly suitable in cases of production machinery connections.

TWO-STAGE SIDE CHANNEL TURBINE





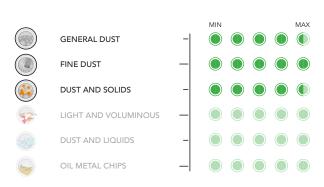








WORK EFFICIENCY



TYPE OF APPLICATION

FINE DUST



iceau	CAR 1155 P	CAR 1155 S
MOTORIZATION	TURBINE	TURBINE
POWER	5,5 kW	5,5 kW
VOLTAGE	400 V 🚱	400 V 🐼
FREQUENCY	50 Hz	50 Hz
FILTER SHAKER	AUTO	AUTO
FILTER CLASS	HEPA	HEPA
AIR FLOW	520 m3/h	320 m3/h
MAX DEPRESSION	320 mBar	530 mBar
VACUUM VALVE	250 mBar	450 mBar
CAPACITY	100 L	100 L
DIMENSIONS	115X65 h 170 cm	115X65 h 170 cm
WEIGHT	212 Kg	212 Kg

► CAR 2655 / CAR 2655 BAG (CLGOO)

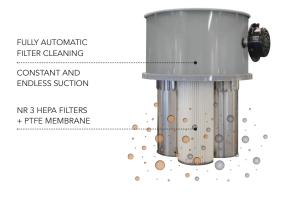


► CAR 2655 / CAR 2655 BAG (CLEON)

The CAR 2655 ICLEAN models are extremely powerful industrial vacuum cleaners with double side channel turbine for a total of 11 kW. The more efficient filtering capacity is guaranteed by the automatic cleaning system of filters ICLEAN that never stop the intake and make it the ideal vacuum cleaner to meet the demands of continuous and prolonged aspirations over time, particularly suitable in cases of links to machinery production or construction of centralized systems.

DOUBLE TWO STAGE SIDE CHANNEL TURBINE



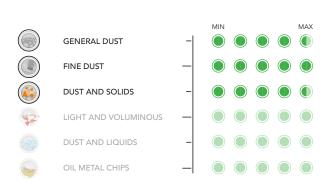








WORK EFFICIENCY



TYPE OF APPLICATION



いのの	CAR 2655 P	CAR 2655 S
MOTORIZATION	NR 2 TURBINES	NR 2 TURBINES
POWER	11 kW	11 kW
VOLTAGE	400 V 🐼	400 V 🐼
FREQUENCY	50 Hz	50 Hz
FILTER SHAKER	AUTO	AUTO
FILTER CLASS	HEPA	HEPA
AIR FLOW	1040 m3/h	640 m3/h
MAX DEPRESSION	320 mBar	530 mBar
VACUUM VALVE	250 mBar	450 mBar
CAPACITY	100 L	100 L
DIMENSIONS	130X65 h 170 cm	130X65 h 170 cm
WEIGHT	300 Kg	300 Kg





The ST ICLEAN ATEX models are among the only industrial vacuum cleaners on the market with side channel turbine single-stage single-phase or three-phase to boast automatic cleaning system of the filters. These vacuum cleaners have all the intrinsic benefits of the vertical design, such as reduced mobility for space in confined areas also offer the highest filtration efficiency thanks to the automatic cleaning system of filters ICLEAN with standard HEPA filtration and absolute reliability in continuous use

SIDE CHANNEL TURBINE











WORK EFFICIENCY

			MIN		MAX
	GENERAL DUST	-			
	FINE DUST				
	DUST AND SOLIDS	-			
-	LIGHT AND VOLUMINOUS				
	DUST AND LIQUIDS	-			
	OIL METAL CHIPS				

TYPE OF APPLICATION		FINE	DUST	
DEGREE OF SPECIFICITY				

ic@qu	ST 22 ∆t € 2-22	ST 3 ∆t {∑ 2-22
MOTORIZATION	TURBINE	TURBINE
POWER	2 kW	2,6 kW
VOLTAGE	230 V 🐼	400 V 3P+N+E 🚱
FREQUENCY	50 Hz	50 Hz
FILTER SHAKER	AUTO	AUTO
FILTER CLASS	HEPA	HEPA
AIR FLOW	320 m3/h	320 m3/h
MAX DEPRESSION	300 mBar	320 mBar
VACUUM VALVE	200 mBar	250 mBar
CAPACITY	50 L	50 L
DIMENSIONS	80X60 h 152 cm	80X60 h 152 cm
WEIGHT	105 Kg	105 Kg





TWO-STAGE SIDE CHANNEL TURBINEAt 2-22





The CAR 1155 ICLEAN ATEX models are among the most popular three-phase models in our range as they ensure maximum reliability and a more efficient filtering capacity thanks to the automatic cleaning system of filters ICLEAN that never stops the intake and make it the ideal vacuum cleaner to respond to requests for continuous and prolonged aspirations over time, particularly suitable in cases of production machinery connections.

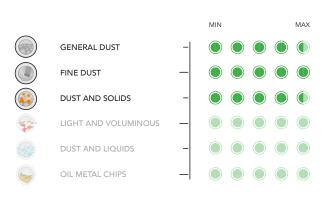








WORK EFFICIENCY



TYPE OF APPLICATION



ICGOU	CAR 1155 P At <mark>∰ 2-22</mark>	CAR 1155 S At (x) 2-22	
MOTORIZATION	TURBINE	TURBINE	
POWER	5,2 kW	5,2 kW	
VOLTAGE	400 V 	400 V 🐼	
FREQUENCY	50 Hz	50 Hz	
FILTER SHAKER	AUTO	AUTO	
FILTER CLASS	HEPA	HEPA	
AIR FLOW	520 m3/h	320 m3/h	
MAX DEPRESSION	320 mBar	530 mBar	
VACUUM VALVE	250 mBar	450 mBar	
CAPACITY	100 L	100 L	
DIMENSIONS	115X65 h 170 cm	115X65 h 170 cm	
WEIGHT	212 Kg	212 Kg	

CAR 2655 / CAR 2655 BAG (CLEON At & 2-22)





DOUBLE TWO-STAGE SIDE CHANNEL TURBINE







The CAR 2655 ICLEAN ATEX models are extremely powerful industrial vacuum cleaners with double side channel turbine for a total of 11 kW. The more efficient filtering capacity is guaranteed by the automatic cleaning system of filters ICLEAN that never stop the intake and make it the ideal vacuum cleaner to meet the demands of continuous and prolonged aspirations over time, particularly suitable in cases of links to machinery production or construction of centralized systems.









WORK EFFICIENCY

			MIN		MAX
	GENERAL DUST	-			
	FINE DUST	-			
	DUST AND SOLIDS	-			
52	LIGHT AND VOLUMINOUS	_			
	DUST AND LIQUIDS	-			
	OIL METAL CHIPS	_			

TYPE OF APPLICATION



ic@au	CAR 2655 P At <mark>{ 2-22</mark>	CAR 2655 S At <mark>{ 2-22</mark>	
MOTORIZATION	NR 2 TURBINES	NR 2 TURBINES	
POWER	10,4 kW	10,4 kW	
VOLTAGE	400 V ⓒ	400 V 🚱	
FREQUENCY	50 Hz	50 Hz	
FILTER SHAKER	AUTO	AUTO	
FILTER CLASS	HEPA	HEPA	
AIR FLOW	1040 m3/h	640 m3/h	
MAX DEPRESSION	320 mBar	530 mBar	
VACUUM VALVE	250 mBar	450 mBar	
CAPACITY	100 L	100 L	
DIMENSIONS	130X65 h 170 cm	130X65 h 170 cm	
WEIGHT	300 Kg	300 Kg	