

SWAN 085 | 150 | 220



F O O D , P H A R M A & O E M

TECHNICAL DATA

| SWAN | Units | 085 | 150 | 220 |
|--------------------------------------|---------|--------------------------------|---------------|---------------|
| Suction type | | Side channel blower | | |
| Power | kW - HP | 0,85 – 1,2 | 1,5 – 2 | 2,2 – 3 |
| Voltage Frequency | V HZ | 400 50/60 | 400 50/60 | 400 50/60 |
| Maximum vacuum | mBar | 210 | 230 | 250 |
| Vacuum in continuous run | mBar | 160 | 200 | 210 |
| Maximum air flow | m³/h | 150 | 220 | 320 |
| Relief valve | | Included | Included | Included |
| Conic cyclone | | Included | Included | Included |
| Inlet | Ø mm | 80 | 80 | 80 |
| Noise level – (EN ISO 3744) | dB(A) | 64 | 64 | 69 |
| Bin capacity | Lt | 35 | 50 | 50 |
| Dimensions | mm | 750X500 | 750X500 | 750X500 |
| Height | mm | 1600 | 1600 | 1600 |
| Weight | Kg | 75 | 84 | 90 |
| Primary filter | | | | |
| Type | | Star filter | Star filter | Star filter |
| Surface area | cm² | 24.000 | 24.000 | 24.000 |
| (Class EN 60335-2-69) | | M Class | M Class | M Class |
| Media | | Polyester | Polyester | Polyester |
| Filter cleaning | | Manual shaker | Manual shaker | Manual shaker |
| SP filter cleaning - Optional | | | | |
| Surface area | | 90.000 | 90.000 | 90.000 |
| (Class EN 60335-2-69) | | IFA/BGIA M-PES EXAM ACCREDITED | | |
| Media | | Antistatic polyester | | |
| Filter cleaning | | Reverse jet | Reverse jet | Reverse jet |
| Absolute filter – Optional | | | | |
| Surface area | cm² | 20.000 | 20.000 | 20.000 |
| (Class – EN 1822) | | H14 | H14 | H14 |
| Media | | Fiberglass | Fiberglass | Fiberglass |





SUCTION UNIT

The suction unit is a MADE IN ITALY side channel blower with direct coupling between motor and impeller. The side channel blower is equipped with a safety valve to guarantee a totally safe continuous work, without any maintenance.



SUCTION INLET

The suction inlet is specially designed to direct the collected material straight into the collection bin. The intake is tangential and welded to the chamber there is a sturdy metal cyclon. The friction with it reduces the speed of the material that falls down easily into the collection bin. This system increase the life of filter and it minimize the risk of filter clogging.



M CLASS FILTER

The filtration is guaranteed by a M polyester class filter. The star shape permits the passage of the air also when the filter is dirty. The textile of the filter is in M Class (BIA | En 60335-2-69). It means that all particles till 1 micron are stopped by the filter so as to protect the motors and the operator around the vacuum cleaner.



COLLECTION BIN

The collected material is stocked an iron painted container. In the front of the vacuum cleaner, there is a metal handle that permits to drop down the bin. The bin can easily moved away thanks to 2 ergonomic handles.

AVAILABLE OPTIONAL

| | |
|-----------------|---|
| ANT M | Antistatic filter (M class EN 60335-2-69) |
| HEPA 14 | Absolute filter (EN 1822-5) |
| MTF | Teflon filter (M class EN 60335-2-69) |
| NOMEX | 250° Celsius resistant filter |
| PTFE | PTFE filter 38.000 cm ² (M class EN 60335-2-69) |
| PTFE ANT | Antistatic PTFE filter 38.000 cm ² (M class EN 60335-2-69) |
| BX | Stainless steel bin AISI 304 |
| GX | Stainless steel bin AISI 304 and chamber |
| TX | Stainless steel bin AISI 304, chamber and frame |
| GRD | Grounding |