

# ECOBULL 1ph | 3ph



## TECHNICAL DATA

| BULL                                  | Units | 1 ph  | 3 ph                |
|---------------------------------------|-------|---|---------------------|
| <b>Suction type</b>                   |       | Side channel blower   | Side channel blower |
| <b>Power</b>                          | kW-HP | 2,2 – 3   | 3 – 4               |
| <b>Voltage   Frequency</b>            | V/Hz  | 230   50/60   | 400   50/60         |
| <b>IP   Insulation class</b>          |       | 55   F  | 55   F              |
| <b>Maximum vacuum</b>                 | mBar  | 230   | 310                 |
| <b>Vacuum in continuous run</b>       | mBar  | 210   | 270                 |
| <b>Maximum air flow</b>               | m³/h  | 350   | 420                 |
| <b>Relief valve</b>                   |       | Included  | Included            |
| <b>Inlet</b>                          | Ø mm  | 70  | 70                  |
| <b>Noise level – (EN ISO 3744)</b>    | dB(A) | 72  | 72                  |
| <b>Bin capacity</b>                   | Lt    | 65/100  | 65/100              |
| <b>Dimensions</b>                     | mm    | 660x800   | 660x800             |
| <b>Height</b>                         | mm    | 1530  | 1530                |
| <b>Weight</b>                         | Kg    | 90  | 95                  |
| <b>Primary filter</b>                 |       |   |                     |
| Type                                  |       | Star filter   |                     |
| Surface area<br>(Class EN 60335-2-69) | cm²   | 24.000  |                     |
| Media                                 |       | M<br>Polyester  |                     |
| Filter cleaning                       |       | Manual shaker   |                     |
| <b>SP filter cleaning - Optional</b>  |       |   |                     |
| Surface area<br>(Class EN 60335-2-69) | cm²   | 90.000  |                     |
| Media                                 |       | IFA/BGIA M-PES EXAM ACCREDITED<br>Antistatic polyester<br>Reverse jet |                     |
| Filter cleaning                       |       |   |                     |
| <b>Absolute filter – Optional</b>     |       |   |                     |
| Surface area<br>(Class - EN 1822)     | cm²   | 28.000  |                     |
|                                       |       | H14   |                     |
| Media                                 |       | Fiberglass  |                     |



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## 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.



## FILTER SHAKER

On one side of the filtration chamber there is an ergonomic manual shaker that permits to clean the filter easily and quickly, removing the dust and debris from the filter surface. Thanks to this smart cleaning system the operator can carry on working without changing or washing the filter.



## 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 inside a sturdy steel container. Behind the vacuum cleaner there is a metal handle that permits to drop down the bin. The bin can be easily moved away because it is equipped by 4 pivoting industrial wheels. Each wheel is located on a reinforced support to guarantee the best stability during the movement, also when the container is full.

## AVAILABLE OPTIONAL

|          |   |
|----------|---|
| BFL      | M Class filter 38.000 cm <sup>2</sup>                                 |
| LP       | Longopac bagging system   |
| AB       | Accessories basket  |
| 100 Lt   | 100 Lt bin  |
| 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)                                 |
| PTFE     | PTFE filter 38.000 cm <sup>2</sup> (M class EN 60335-2-69)            |
| PTFE ANT | Antistatic PTFE filter 38.000 cm <sup>2</sup> (M class EN 60335-2-69) |
| NOMEX    | 250° Celsius resistant filter   |
| SD       | Sliding Dumper  |
| FLT      | Floating device for liquids   |
| BX       | Stainless steel bin AISI 304  |
| GX       | Stainless steel bin AISI 304 and chamber                              |
| KDP      | Pressure differential KIT for bag                                     |
| GRD      | Grounding   |

## FILTER CLEANING SYSTEM AVAILABLE ON REQUEST



The SP Option is the best automatic filter cleaning system which uses compressed air at 6bars to clean the cartridges. Thanks to big surface and very high efficiency, it is possible to work also with huge quantities of fine dust. The filters are aluminated and antistatic, with BIA-M class filtration (EN 60335-2-69). The filter cleaning works when the vacuum cleaner is running.