

DG75 AF/DG90 INVERTER - INDUSTRIAL THREE PHASE



CEMENT



CERAMICS AND POTTERY INDUSTRIES



RUBBER



- ✓ Side channel blower motor , powerful and silent, totally maintenance free, suitable for continuous duty
- ✓ Largest surface filter in its category
- ✓ Complete steel construction
- ✓ Extractable collection container with optional use of disposable bags
- ✓ Pressure relief valve for motor protection
- ✓ Vacuum gauge to detect filter clogging
- ✓ Easy filter replacement
- ✓ High filtration efficiency
- ✓ Suitable for continuous use 24/7



SUCTION UNIT

| | | |
|---------------------------|--------------------|-------------|
| Voltage | V - Hz | 400 - 50 3~ |
| Power | kW | 7,5 - 8,6 |
| Electrical protection | IP | 65 |
| Max water lift | mmH ₂ O | 3.200 |
| Max air flow | m ³ /h | 700 - 840 |
| Suction inlet | mm | 80 |
| Noise level (EN ISO 3744) | dB(A) | 76 |



FILTER UNIT

| | | |
|-----------------------|-----------------------------------|-------------------|
| Filter Type | | Star |
| Surface - Diameter | cm ² -mm | 49.000 - 500 |
| Material - Efficiency | IEC 60335-2-69 | Polyester - ANT M |
| Air load on filter | m ³ /m ² /h | 143 - 186 |
| Cleaning system | | Manual |



COLLECTION UNIT

| | | |
|----------|---|-----|
| Capacity | l | 100 |
|----------|---|-----|



VOLUME

| | | |
|------------|----|-------------|
| Dimensions | cm | 66x118x175h |
| Weight | kg | 170 |



SUCTION UNIT

The suction unit is a side channel blower, with direct coupling between the motor and the impeller fan. It designed without any transmission system, and is therefore silent, totally maintenance free and suitable for continuous duty operations.

A pressure relief valve protects the motor, providing additional air for cooling.

An inverter is included to adjust the operating frequency of the motor.



FILTER UNIT

The large surface star filter, located inside the filter stainless steel chamber, is made of polyester and provides high resistance against clogging and passage of fine dust.

A vacuum gauge enables to check constantly the state of the filter and detect possible clogging, warning the operator that the filter must be cleaned.

The suction inlet is tangential, with an internally welded cyclone that deflects the incoming material.



COLLECTION UNIT

The vacuum is assembled onto a sturdy steel chassis, and provided with industrial quality wheels, that make it suitable for mobile service even when used on rough surfaces.

The detachable AISI 304 steel collection tank has a quick release system for the rapid disposal of the vacuumed material.



OPTIONALS

- ✓ ABSOLUTE HEPA FILTER /H14
- ✓ PTFE COATED FILTER CLASS M
- ✓ HEAT RESISTANT FILTER (UP TO 250° CELSIUS)
- ✓ STAINLESS STEEL COLLECTION TANK
- ✓ STAINLESS STEEL TANK AND FILTER CHAMBER
- ✓ EARTH GROUNDING
- ✓ OTHER VOLTAGES AND FREQUENCIES AVAILABLE UPON REQUEST