



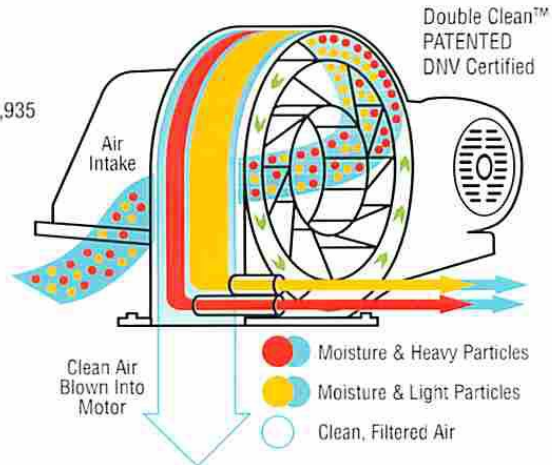
# DOUBLE CLEAN™

Manufactured By Gulf Electroquip

DRILLING MOTOR BLOWERS



Double Clean™  
Motor Blowers  
Patent No. 6,648,935



Double Clean™  
PATENTED  
DNV Certified

**NO PAPER OR CLOTH ELEMENT FILTRATION**  
ALL MECHANICAL, 2-STAGE CLEANING TECHNOLOGY

**DOUBLE CLEAN™ MOTOR BLOWERS** mechanically filter out sand, dirt, moisture and other abrasive contaminants for longer motor life.

**FIRST STAGE CLEANING** removes light particles.

**SECOND STAGE CLEANING** removes heavy particles and moisture.

**BOTH STAGES** give you A COMBINED FILTERING PERFORMANCE OF 90%+ over unfiltered or non-cleaning blower products.



BS EN ISO 9001 : 2008  
REGISTERED FIRM  
CERT NO. 1054



BS EN ISO 14001 : 2004  
REGISTERED FIRM  
CERT NO 1054



## DOUBLE CLEAN™ MOTOR BLOWERS

Mechanically filter out sand, dirt, moisture and other abrasive contaminants for longer motor life. The benefit of this blower is to lower the contamination inside the drilling motor, yielding greater reliability, longer time between rebuilds and less downtime for the rig.

The blower is designed and built to clean the air while pushing it through the blower. It's an "element-less" type method that requires less maintenance than standard filtration and no more maintenance than a standard blower. The filtered material (dirt, dust, sand, water) is expelled through two (2) cleaning cycle exit ports on the side of the blower.

### ADVANTAGES

- Increased brush life
- Increased time between rebuilds due to:
  - Decreased moisture penetration
  - Decreased contamination attacking insulation
  - Decreased commutator wear
- Less moisture in the motor produces:
  - Higher Megger readings
  - Decreased flash overs from less moisture and 90% less contamination
  - Less fuse change-outs
  - Yields longer SCR lifetime
  - Longer life between rebuilds
  - Longer insulation life for motor

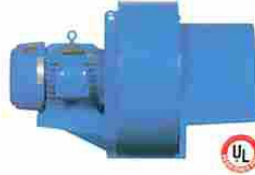
### SPECIFICATIONS AND CHARACTERISTICS

- Size: 5HP, 7.5HP, 10HP and 15HP
- Filtration Method: Patented Double Clean™
- Filtration Efficiency: 90+% on sand (Certified by DNV)

DOUBLE CLEAN™ - PATENT NO. 6,648,935



Stainless Steel Construction Available



All Blower Motors UL Certified

- Application:
  - GE 752 1000 HP Factory Frame and Conversion Frame (one model fits both frames)
  - GE 752 High-Torque Factory Frame and Conversion Frame (one model fits both frames)
  - EMD79 and 89 DC Motors
  - Reliance and Toshiba drilling motors
- Construction:
  - Standard steel and stainless steel
- Remote mount is available
- Quiet Clean Blower version is available
- Speed: 3600 RPM
- Motor:
  - 230, 460 or 575 Volts, 3-Ph, 60 Hz
  - UL certified - "XP" rated for CL 1 Grp D, Div 2 motor
- Enclosure: TEFC/XP Cast Iron Construction
- Service Factor: 1.15



CNC Precision / Quality Fabrication



### RAINPROOF OPTION: RAINMASTER™ BLOWER INTAKE

(See GEQ WEBSITE for details)



### BLOWER OFFSETS AND ADAPTERS

(See GEQ WEBSITE for details)



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