

# GEQ DOUBLE CLEAN™ MOTOR BLOWER

CENTRIFUGALLY CLEANING DRILLING MOTOR COOLING BLOWER ASSEMBLY.  
EXHAUST FLANGE MOUNTS TO A 400 HP TOP DRIVE MOTOR.  
BLOWER ASSEMBLY IS SAFETY YELLOW PAINTED CARBON STEEL.

## Double Clean™ BLOWERS

mechanically filter out sand, dirt, moisture and other abrasive contaminants for longer motor life. Utilizing the Double Clean™ cleaning technology these blowers lower the contamination inside the drilling motor, yielding greater reliability and longer time between rebuilds, which reduces downtime for the rig. Using a patented “element-less” filtration method, Double Clean blowers clean the air while providing the required cooling air for the drilling motor. This requires less maintenance than element filtration models, and no additional maintenance than a standard non-filtered blower.



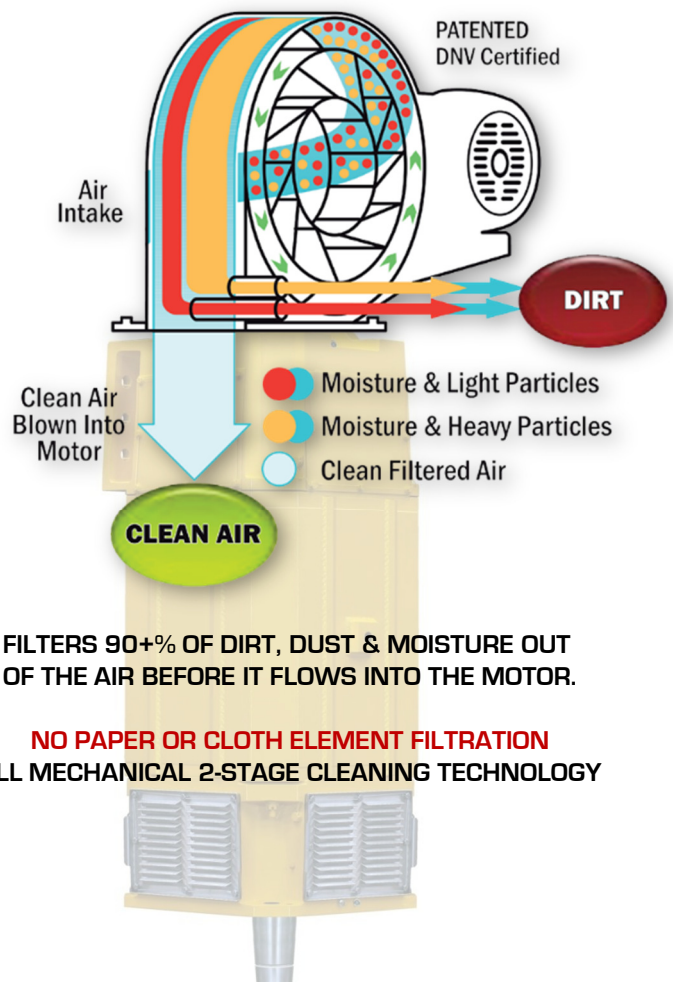
*Unit shown is a representation of the general blower construction.  
Actual unit may differ from the unit shown above.*

## ADVANTAGES

- Increased motor life
- Increased time between rebuilds
- Decreased moisture penetration
- Decreased contamination attacking insulation and windings
- Less moisture in the motor produces:
  - Higher Megger readings
  - Decreased risk of flash over
  - 90% less contamination
- Less fuse change-outs
- Yields longer VFD/SCR lifetime
- Longer life between rebuilds
- Longer insulation life for motor

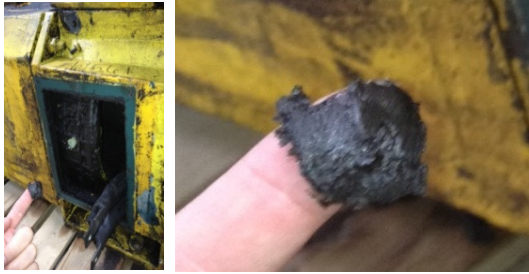
## SPECIFICATIONS AND CHARACTERISTICS

- Size: 5 HP
- Filtration Method: Patented Double Clean™
- Filtration Efficiency: 90+% on sand
- Construction: carbon steel
- Speed: 3600 RPM
- Motor: TENV 5 HP 575 V
- Enclosure: TEFC/XP Cast Iron Construction
- Service Factor: 1.15



# GEQ DOUBLE CLEAN BLOWER PERFORMANCE AND SPECS

CLEANER RUNS BETTER. REDUCE RIG DOWNTIME BY EXTENDING THE LIFE OF YOUR DRILLING MOTOR BY KEEPING IT CLEAN.

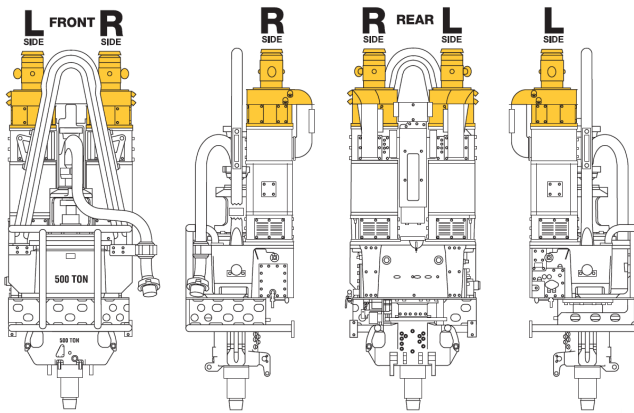


## ELECTRICITY & WATER DON'T MIX

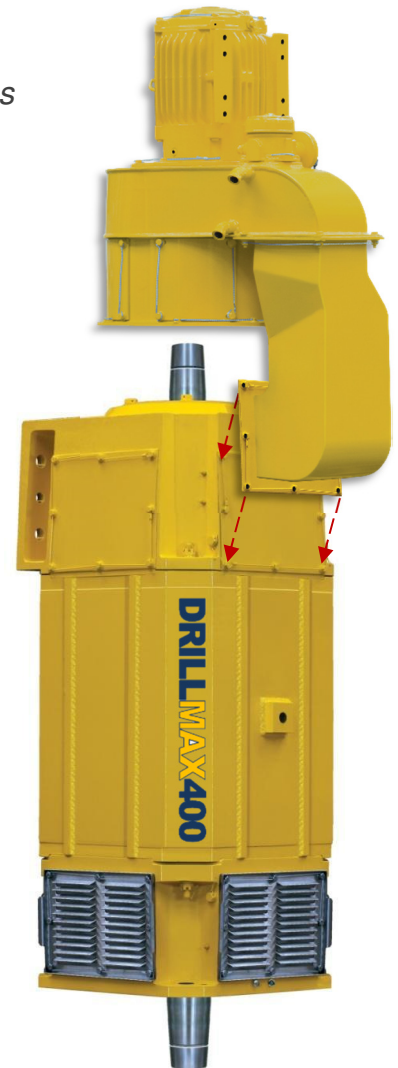
Rain, dirt, etc., being forced through the motor from the blower eats the insulation and contributes to overheating. This results in a dramatic increase in downtime.

After 10 years of proven decreased downtime savings, one of our major customers - with approximately 500 rigs - just completed a program to replace EVERY drilling motor blower with our cleaning blowers. The rigs working versus motors repaired have dropped dramatically.

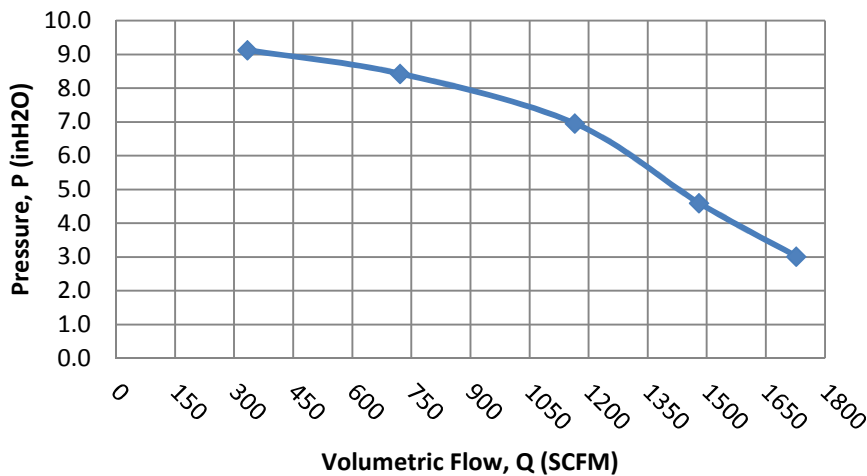
A typical 400 HP motor coming in from the field.



Versatile mounting options on the Top Drive motor.



## 5 HP TDS-11 LHTM Blower Performance Data



Utilizing PATENTED Double Clean™ Self-Clean Drilling Motor Blowers - US Patent No. 6,648,935



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