

GEQ QUIETCLEAN™ 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.

QUIETCLEAN™ 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, QUIETCLEAN 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.



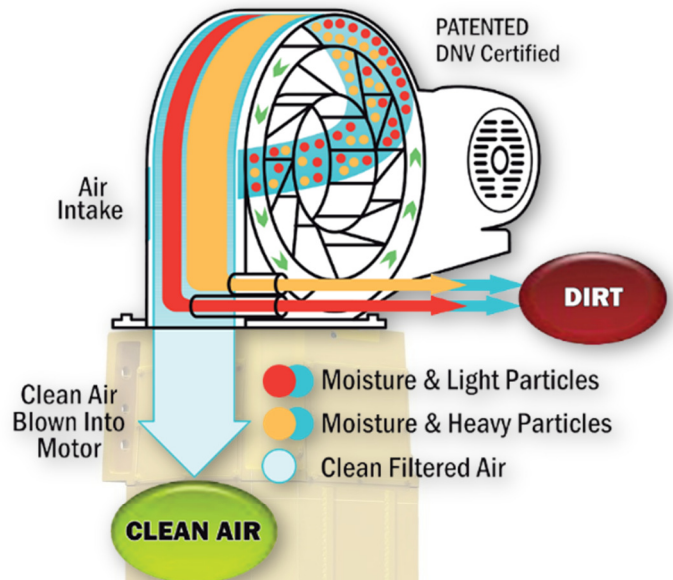
*Unit shown is a representation of the general blower construction.
Actual unit may differ from the unit shown above.*

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



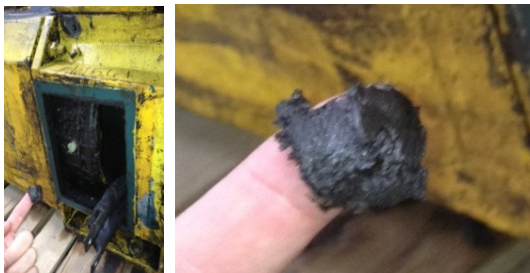
FILTERS 90+% OF DIRT, DUST & MOISTURE OUT OF THE AIR BEFORE IT FLOWS INTO THE MOTOR.

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

QUIETCLEAN™

GEQ QUIETCLEAN BLOWER PERFORMANCE AND SPECS

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

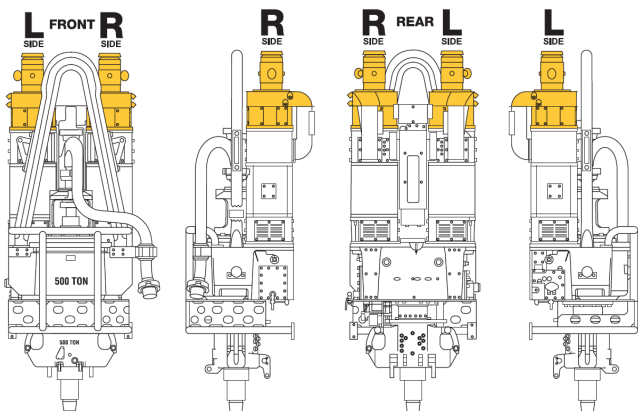


ELECTRICITY & WATER DON'T MIX

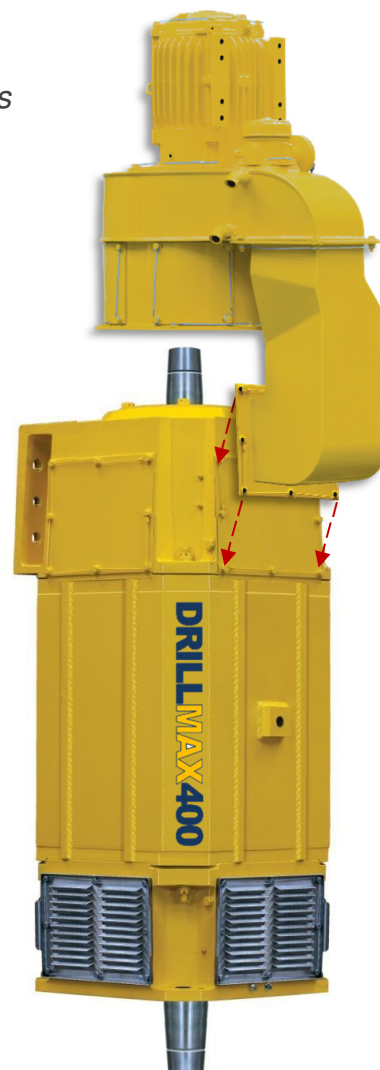
Rain, dirt, etc., being forced through the motor from the blower eats the insulation and contributes to overheating. This results in a dramatic increase in downtime.

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.

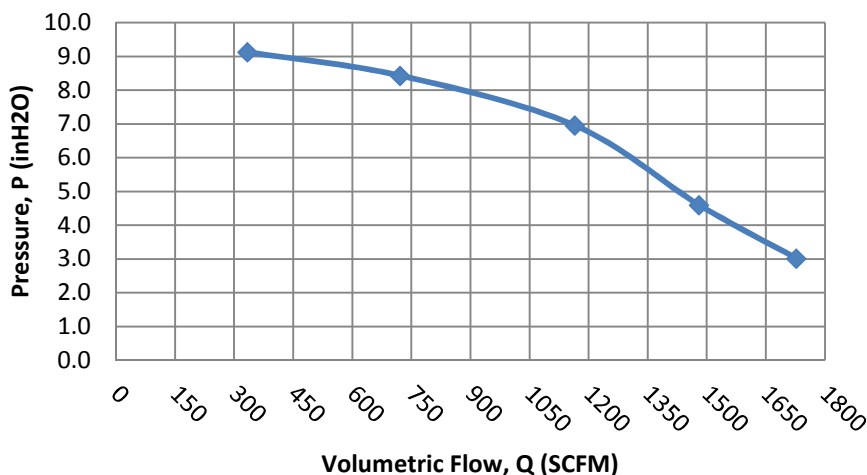
A typical 400 HP motor coming in from the field.



Versatile mounting options on the Top Drive motor.



5 HP TDS-11 LHTM Blower Performance Data



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



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