



ABTREX INDUSTRIES, INC.

HVAC Rental Specifications

Equipment as Follows:

Two 40' Flatbed Trailers will be equipped with the following items:

- 1 80 Ton AC/DH/Heat Unit (cooling, heating and dehumidification)
- 1 Generator Included
- 1 40ft Trailer Included
- 8 Return Duct Included (Return ducts are more durable and thicker construction. allow for longer life)
- 4 Cables Included
- 1 Battery Charger DCA 150 Included
- 1 Camlock 3 Set Included
- 1 Filter Kit Included (Filters will need to be replaced during use of system)
- 1 500 Gallon Trans-cube Tank Included

Ea. 80 Ton Packaged Unit Features:

- Single 38HP Copeland Scroll Compressor per circuit, 2 total
- Direct drive High Static plenum fan 30hp TEFC motor
- Maximum rated static pressure of 8.0 in-wg
- Rated cooling air flow of 12,800 cfm with 100% Outside Air
- Air flow range of 4,200 – 17,000 cfm
- Hydrophilic coated, non-lanced condenser fins
- Hydrophilic coated evaporator fins
- Stainless steel hardware
- Stainless Steel drain pan
- Unit capable of operating between +35°F - 105°F ambient temperatures
- Permanently installed drain pan P-trap (protected within unit base)

Package Features:

- Phase monitor and Incorrect phase indicator light (red)
- Circuit Breakers on all motors
- Blower VFD with inline starter and bypass switch
- Speed Potentiometer for Blower VFD to adjust speed from 30Hz to 69Hz
- High- and low-pressure safety switches
- R-410a refrigerant
- Full tubular rental frame with fork pockets & tie-down points
- Hot-dipped galvanized
- Overhead certified lift frame
- Entering and leaving air temperature sensors
- Cooling unit may run in HAND (manual) MODE or LOCAL (via PLC control) MODE
- Unit can control off supply or return air temperature via RS/SA switch
- Duct Doors factory installed for all supply/return connections
- Quiet operation

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HVAC Rental Specifications continued

GENERATOR FEATURES:

WhisperWatt™

Prime Rating — 320 kW (400 kVA)

Standby Rating — 336 kW (420 kVA)

3-Phase, 60 Hertz, 0.8 PF

Heavy duty, 4-cycle, direct injection, turbocharged, charge air cooled diesel engine provides maximum reliability.

EPA emissions certified — Tier 4 Final emissions compliant.

- Microprocessor engine control system maintains frequency to $\pm 0.25\%$.
- Full load acceptance of standby nameplate rating in a single step.
- Fuel/water separator removes condensation from fuel for extended engine life. Panel mounted alarm light included.
- Sound attenuated, weather resistant, steel housing provides operation at 69 dB(A) at 23 feet. Fully lockable enclosure allows safe unattended operation.
- E-coat with polyurethane enamel finish coat.
- Internal fuel tank with direct reading fuel gauges are standard.
- Brushless alternator reduces service and maintenance requirements and meets temperature rise standards for Class F insulation systems.
- Open delta alternator design provides virtually unlimited excitation for maximum motor starting capability.
- Automatic voltage regulator (AVR) provides precise regulation.
- Fully covered power panel. Three-phase terminals and single phase receptacles allow fast and convenient hookup for most applications including temporary power boxes, tools and lighting equipment. All are NEMA standard.
- ECU845 microprocessor-based digital generator controller.
- Remote 2-wire start/stop control.
- High visibility LCD display with heated screen and alphanumeric readout.
- Operational temperature range of -40° to 85° C.
- AC monitoring along with fuel and DEF level indicators.
- Digital engine gauges including oil pressure, water temperature, battery volts, engine speed, engine load, fuel level and DEF level.
- Analog generator instrumentation including AC ammeter, AC voltmeter, frequency meter, ammeter phase selector switch, voltmeter phase selector switch, and voltage regulator adjustment potentiometer.
- Automatic safety shutdown system monitors the water temperature, engine oil pressure, low coolant, low DEF, Over-speed, and overcrank. Warning lights indicate abnormal conditions.
- Emergency stop switch — when manually activated, shuts down generator in the event of an emergency.

Additional Inclusions

- Flexible Ducting for both supply and return openings. 100' of each.
- Manuals will be provided.