

HVAC Parts List

Document Title: Comprehensive HVAC System Parts Inventory

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Section 1: Air Handling Unit (AHU) Components

1. Blower Motor

- Part #: BM-500
- Description: 1/2 HP, 115V, 1075 RPM, PSC
- Quantity: 2
- Supplier: Grainger

2. Blower Wheel

- Part #: BW-10x9
- Description: 10" x 9" DD, CW, 1/2" bore
- Quantity: 2
- Supplier: Johnstone Supply

3. Air Filters

- Part #: AF-MERV13-20x25
- Description: MERV 13, 20" x 25" x 4" pleated
- Quantity: 12
- Supplier: Filters Fast

4. Heating Coil

- Part #: HC-24x30
- Description: Hot water coil, 24" x 30", 2-row
- Quantity: 1
- Supplier: USA Coil & Air

5. Cooling Coil

- Part #: CC-DX-5T
- Description: DX coil, 5-ton, R-410A compatible
- Quantity: 1
- Supplier: Advanced Distributor Products

6. Dampers

- Part #: MD-24x24
- Description: Motorized, 24" x 24", 24V actuator
- Quantity: 4
- Supplier: Belimo

Section 2: Condensing Unit (Outdoor)

1. Compressor

- Part #: CR18K6E-PFV
- Description: Copeland scroll, 18,000 BTU, 208-230V
- Quantity: 1
- Supplier: Emerson

2. Condenser Fan Motor

- Part #: CFM-1/4HP
- Description: 1/4 HP, 1075 RPM, 208-230V
- Quantity: 1
- Supplier: Regal Beloit

3. Condenser Fan Blade

- Part #: CFB-24
- Description: 24" diameter, 3-blade, 27° pitch
- Quantity: 1
- Supplier: Lau Industries

4. Contactor

- Part #: CON-1P30A
- Description: Single pole, 30A, 24V coil
- Quantity: 2
- Supplier: Packard

5. Capacitor (Run)

- Part #: CAP-45/5
- Description: Dual run, 45+5 µF, 440V
- Quantity: 1
- Supplier: Titan Pro

6. High Pressure Switch

- Part #: HPS-450
- Description: Auto reset, cut-out 450 PSI
- Quantity: 1
- Supplier: Ranco

7. Low Pressure Switch

- Part #: LPS-35
- Description: Auto reset, cut-in 35 PSI
- Quantity: 1
- Supplier: Ranco

Section 3: Furnace / Air Handler (Indoor)

1. Gas Valve

- Part #: GV-36J
- Description: 24V, natural gas, 1/2" inlet
- Quantity: 1
- Supplier: White-Rodgers

2. Ignitor

- Part #: IGN-SIL
- Description: Silicon nitride hot surface
- Quantity: 1
- Supplier: Supco

3. Flame Sensor

- Part #: FS-90
- Description: 90° bend, porcelain insulator
- Quantity: 1
- Supplier: Robertshaw

4. Inducer Motor Assembly

- Part #: IM-3000
- Description: 3000 RPM, 115V, with pressure switch
- Quantity: 1
- Supplier: Fasco

5. Heat Exchanger

- Part #: HX-80K
- Description: 80,000 BTU, aluminized steel
- Quantity: 1
- Supplier: OEM Direct

6. Limit Switch

- Part #: LS-160
- Description: Rollout, 160°F manual reset
- Quantity: 3
- Supplier: Honeywell

7. Control Board

- Part #: CB-IFC
- Description: Integrated furnace control
- Quantity: 1
- Supplier: ICM Controls

Section 4: Ductwork & Accessories

1. Round Duct

- Part #: RD-8x10
- Description: 8" diameter, 10 ft galvanized
- Quantity: 20
- Supplier: Menards

2. Flexible Duct

- Part #: FD-8R6
- Description: 8" x 25 ft, R6 insulated
- Quantity: 10
- Supplier: Atco

3. Supply Register

- Part #: SR-10x6
- Description: 10" x 6" white, adjustable
- Quantity: 25
- Supplier: Hart & Cooley

4. Return Grille

- Part #: RG-20x20
- Description: 20" x 20" filter grille
- Quantity: 8
- Supplier: TruAire

5. Duct Tape

- Part #: DT-FOIL
- Description: UL 181 foil tape, 2" x 60 yd
- Quantity: 12 rolls
- Supplier: Nashua

6. Takeoff Collar

- Part #: TOC-8
- Description: 8" spin-in with damper
- Quantity: 30
- Supplier: Ductmate

Section 5: Refrigeration & Electrical

1. Refrigerant Line Set

- Part #: LS-3/8-5/8-50
- Description: 3/8" LL x 5/8" SL, 50 ft
- Quantity: 2
- Supplier: Mueller Industries

2. Thermostat

- Part #: TSTAT-WIFI
- Description: WiFi programmable, 4-stage
- Quantity: 5
- Supplier: Honeywell Home

3. Transformer

- Part #: XFMR-40VA
- Description: 120V to 24V, 40VA
- Quantity: 3
- Supplier: Packard

4. Circuit Breaker

- Part #: BRK-30A
- Description: 30A double pole
- Quantity: 2
- Supplier: Square D

5. Wire

- Part #: WIRE-14/3
- Description: 14/3 NM-B, 250 ft spool
- Quantity: 1
- Supplier: Southwire

6. Condensate Pump

- Part #: CP-22
- Description: 22 ft lift, 1/4 gal tank
- Quantity: 2
- Supplier: Little Giant

Section 6: Tools & Consumables

1. Manifold Gauge Set

- Part #: MGS-R410A
- Description: R-410A digital gauges
- Quantity: 1
- Supplier: Yellow Jacket

2. Vacuum Pump

- Part #: VP-6CFM
- Description: 6 CFM, 2-stage
- Quantity: 1
- Supplier: JB Industries

3. Refrigerant Scale

- Part #: RSC-100
- Description: 220 lb capacity, digital
- Quantity: 1
- Supplier: Mastercool

4. Brazing Rods

- Part #: BR-PHOS
- Description: 15% silver phosphor copper
- Quantity: 1 lb
- Supplier: Harris

5. Nitrogen Tank

- Part #: NIT-20
- Description: 20 cu ft with regulator
- Quantity: 1
- Supplier: Airgas

6. Leak Detector

- Part #: LD-HEATED
- Description: Heated diode, R-410A/R-22
- Quantity: 1
- Supplier: Fieldpiece

Notes:

- All parts listed are for a standard 5-ton split system with gas heat.
- Quantities reflect typical stock for one full installation plus spares.
- Verify compatibility with local codes and equipment manuals before ordering.
- For pricing and availability, contact suppliers directly.

End of Document

