

Thru-the-Wall Heating & Cooling Comfort For Multi-Family Construction



Gas Heat - Electric Cooling

Universal Series



**Features**

- Self-Contained Heating and Cooling Units
- Easily Reachable Cooling Access Ports
- Precharged and Prewired
- Slide Out Chassis
- Polarized Molex Plug Connections on Cooling Chassis
- Supplied with Pre-Painted Stamped Exterior Grille
- 16" x 25" Filter Included

**Cooling System**

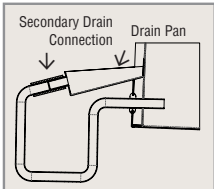
- R-410A High Efficiency Compressor
- Copper Tube with Enhanced Aluminum Fin Coils
- 1, 1.5, 2 and 2.5 Ton Cooling Capacities
- 5 Speed DC Indoor Motor
- Standard Secondary Drain Connection

**Heating**

- 80% Thermal Efficiency, Slide Out Furnace
- Up to 51,000 BTUH Heating Capacity Output
- Direct Spark Ignition with Unique, Single Gas Orifice
- Easy View Sight Glass for Diagnostic Lights and Flame
- Diagnostic LEDs Visible Through Furnace Door
- Control Board Mounted Out of the Way
- Sealed Combustion Chamber

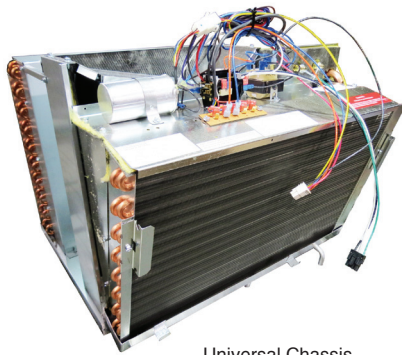


Slide Out Furnace



Secondary Drain

# COMFORT PACK Gas Heating - Electric Cooling



Universal Chassis

## PERFORMANCE DATA -ALL UNITS 9.0 EER AND 80% THERMAL EFFICIENCY

| MODELS     | NOMINAL COOLING TONS | COOLING BTU | HEATING BTU INPUT | HEATING BTU OUTPUT | SHIPPING WEIGHT |
|------------|----------------------|-------------|-------------------|--------------------|-----------------|
| CPG41238-U | 1                    | 12,000      | 38,000            | 30400              | 315             |
| CPG41838-U | 1.5                  | 18,000      | 38,000            | 30400              | 325             |
| CPG41851-U | 1.5                  | 18,000      | 51,000            | 40800              | 325             |
| CPG41864-U | 1.5                  | 18,000      | 64,000            | 51200              | 325             |
| CPG42438-U | 2                    | 22,400      | 38,000            | 30400              | 350             |
| CPG42451-U | 2                    | 22,400      | 51,000            | 40800              | 350             |
| CPG42464-U | 2                    | 22,400      | 64,000            | 51200              | 350             |
| CPG43038-U | 2.5                  | 27,400      | 38,000            | 30400              | 360             |
| CPG43051-U | 2.5                  | 27,400      | 51,000            | 40800              | 360             |
| CPG43064-U | 2.5                  | 27,400      | 64,000            | 51200              | 360             |

## ELECTRICAL DATA

All units 208/230/1 AC 60HZ

Evap. Blower Motor 1/3 HP 3.0 FLA - Cond. Fan Motor 1/4 HP 1.8 FLA 3.6 LRA

| MODELS     | COMPRESSOR |      | TOTAL AMPS | MINIMUM CIRCUIT AMPS | MAX OVERCURRENT PROTECTOR |
|------------|------------|------|------------|----------------------|---------------------------|
|            | RLA        | LRA  |            |                      |                           |
| CPG41238-U | 5.5        | 26.0 | 10.3       | 12.8                 | 15                        |
| CPG41838-U | 8.3        | 44.0 | 13.1       | 16.3                 | 20                        |
| CPG41851-U | 8.3        | 44.0 | 13.1       | 16.3                 | 20                        |
| CPG41864-U | 8.3        | 44.0 | 13.1       | 16.3                 | 20                        |
| CPG42438-U | 12.8       | 58.0 | 17.6       | 22.0                 | 30                        |
| CPG42451-U | 12.8       | 58.0 | 17.6       | 22.0                 | 30                        |
| CPG42464-U | 12.8       | 58.0 | 17.6       | 22.0                 | 30                        |
| CPG43038-U | 11.6       | 74.0 | 16.4       | 20.5                 | 30                        |
| CPG43051-U | 11.6       | 74.0 | 16.4       | 20.5                 | 30                        |
| CPG43064-U | 11.6       | 74.0 | 16.4       | 20.5                 | 30                        |

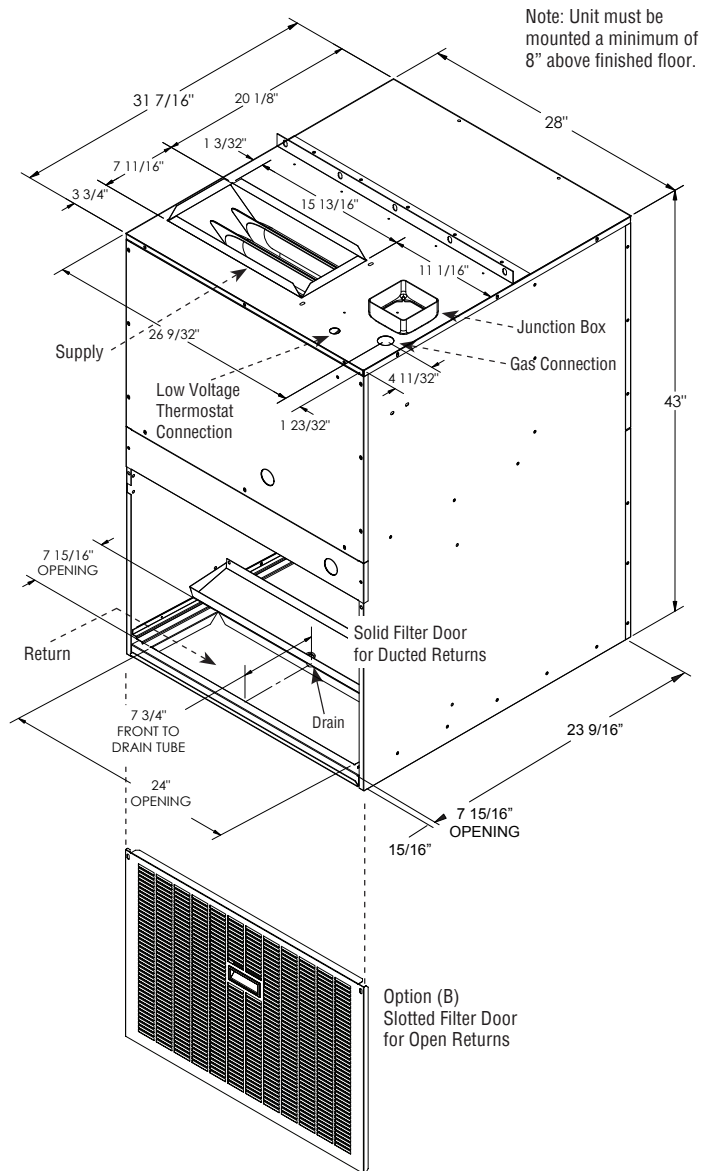
## OPTIONAL ACCESSORIES

|   |  |
|---|--|
| CPWS  | Wall Sleeve (Unassembled)                      |
| CPWSA   | Wall Sleeve Adapter (Unassembled)              |
| CPLG  | Architectural Louver Grille                    |
| CPLG-S  | Architectural Louver Grille for Sleeve         |
| CPLG-P  | Architectural Louver Grille Painted            |
| CPLG-SP   | Architectural Louver Grille for Sleeve Painted |
| CPSG-P  | Stamped Grille Painted                         |
| National Comfort Products offers Architectural Louver Grilles for all models. Outdoor grilles provided by others must be approved by National Comfort Products to maintain unit performance and warranty coverage. See Architectural Louvered Grilles Specification Sheet for more details. |  |
| A   | Omit Stamped Grilles                           |
| B   | Slotted Filter Door                            |
| C   | Combination of both A & B                      |
| 14208343  | LP Kit (38 MBTU)                               |
| 14208344  | LP Kit (51 MBTU)                               |
| 14208345  | LP Kit (64 MBTU)                               |

## COMFORT PACK AIR FLOW DATA

| MODEL  | Static Pressure/CFM |         |         |         |
|--------|---------------------|---------|---------|---------|
|        | 0.1                 | 0.2     | 0.3     | 0.4     |
| CPG412 | 415-780             | 325-770 | 225-760 | 340-725 |
| CPG418 | 415-780             | 325-770 | 225-760 | 340-725 |
| CPG424 | 410-780             | 320-770 | 225-740 | 325-705 |
| CPG430 | 410-790             | 320-780 | 225-740 | 325-700 |

All units are set from the factory based on a .1 static.  
Setpoint may be different for heating and cooling.  
All specifications are subject to change without notice.



Option (B)  
Slotted Filter Door  
for Open Returns



HEATING & A/C EQUIPMENT

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