

N Series

410A



SLEEVE

16 x 42"

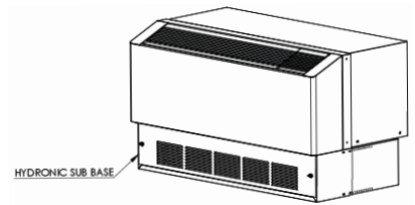
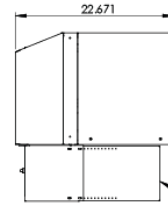
Packaged Terminal AIR CONDITIONERS

Configurations

NAW hydronic subbase coil

'ANGLED TOP AC (Sloped-Top) over Hydronic Coil subbase'

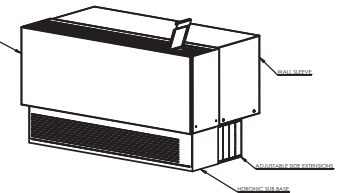
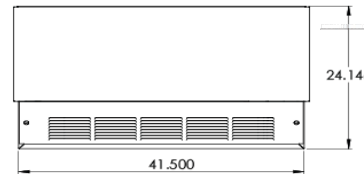
+/- Electric Backup Heat
+/- 115V Standby Power



NFW hydronic subbase coil

'FLAT TOP AC over Hydronic Coil subbase'

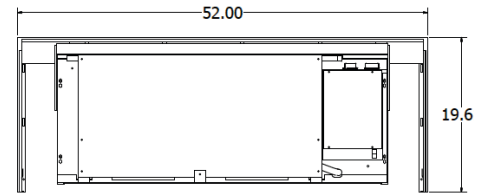
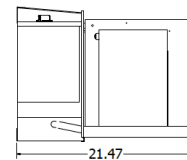
+/- Extendair Duct Kits
+/- Electric Backup Heat
+/- 115V Standby Power



NYW hydronic top coil

'NEW YORKER STYLE AC under Hydronic Coil on top'

+/- 115V Standby Power



NFE electric heat

'FLAT TOP'

-- AC chassis with integrated FLAT cabinet and Electric Heat

+/- Extendair Duct Kits

NAE electric heat

'ANGLED TOP'

-- AC chassis with integrated cabinet and Electric Heat

Functional by Design.

High-Static Pressure Evaporator Blowers -- twin dual-inlet evaporator blowers designed specifically for performance with hydronic coils and ducted applications.

Quiet Condenser Section -- large slow-turning dual-inlet blower integrated into an enclosed condenser section ensures lowest sound transmission into room.

Power Fresh Air Dampers -- optional filtered fresh air damper opens and closes automatically with the evaporator blower.

Dependable by Design.

Premium Heavy-Duty Components -- components are carefully selected and integrated into designs to provide exceptional reliability, durability, low sound, and long-life.

Loaded with Features.

Easy to Configure -- dipswitches and simple LED touchpad controls make versatile chassis easy to configure to specific applications.
Front Desk Ready -- front desk control by standard 24 VAC signals.
Fan Cycle Control -- select continuous fan or fan cycling.
Electronic Temperature Limiting -- flexible heat and cool range limits.
Random Compressor Restart -- prevent power surges after power outages.

Accessories.

Stamped Grille - durable light-weight aluminum
Architectural Grille - aluminum louvers+ high tensile rods.
Wall Sleeve Assembled - insulated powder-coated galvanized steel
NYW Room Cabinet - insulated powder-coated galvanized steel
Duct Kit (Extendair for NFE, NFA) - insulated powder-coated galvanized steel
Electrical Sub-Bases [NFE, NAE] - powder-coated galvanized steel
Hydronic Sub-Bases [NAW, NFW] - powder-coated galvanized steel
Wall Thermostats - wireless & wired
Drain Kit

Distributed by:

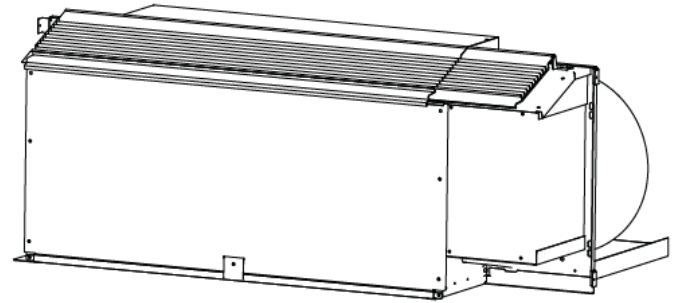
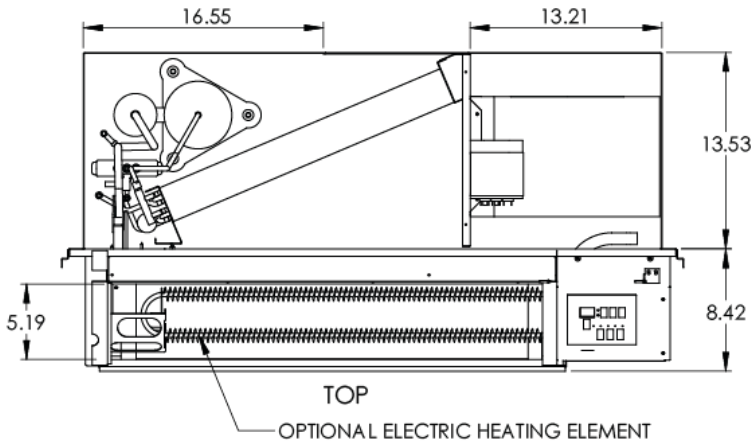


* 1ST YEAR PARTS AND LABOR
2ND TO 6TH YEAR COMPRESSOR PARTS
FREE PARTS SHIPPING
OPTIONAL 6 YEAR COMPRESSOR LABOR

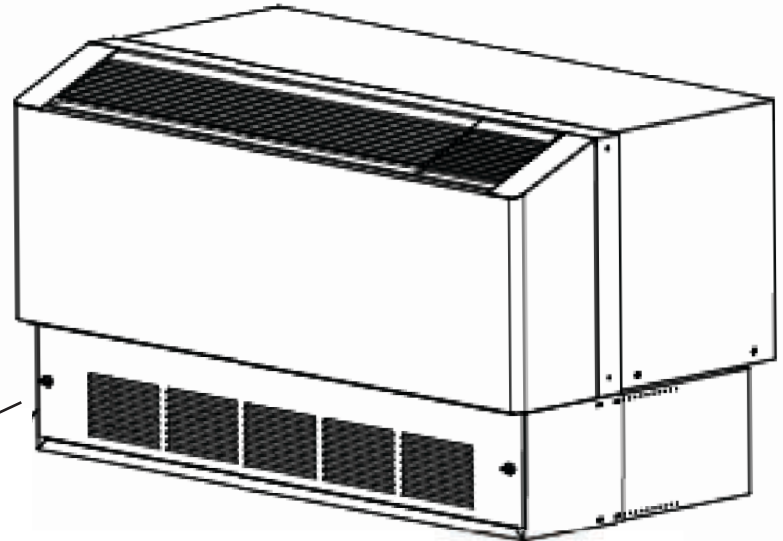
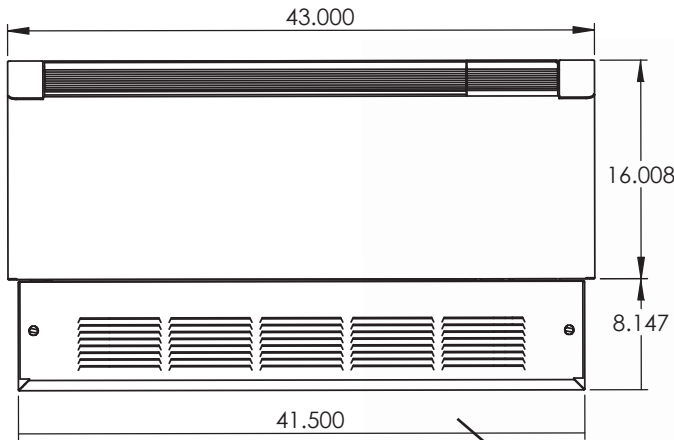


NAW hydronic subbase coil

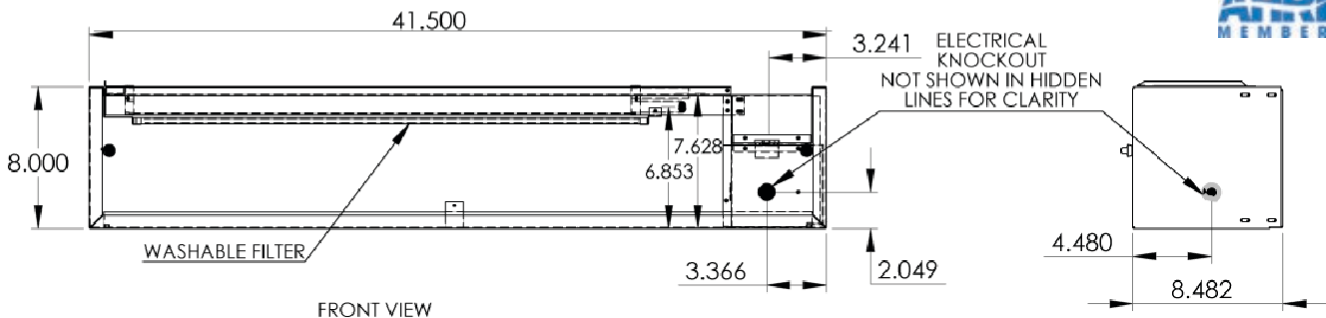
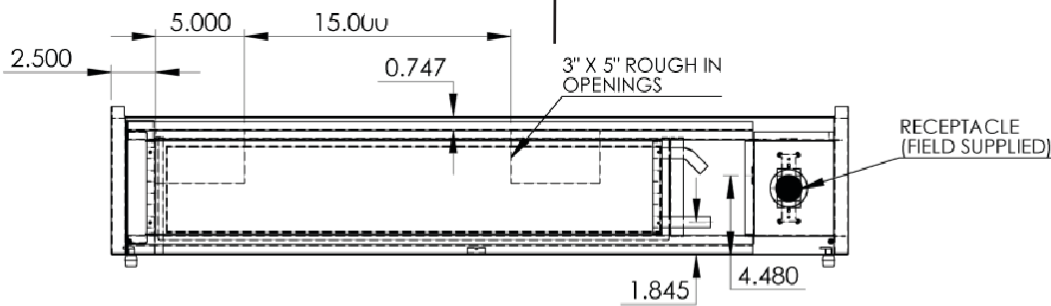
'ANGLED TOP over subbase' +/- electric backup heat
 -- AC chassis with integrated SLOPED cabinet above hydronic coil with optional Non-Simultaneous Backup Electric Heat with optional 115v Standby Power



Chassis Slides into Standard 16" x 42" sleeve



Hydronic Subbase



NAW hydronic subbase coil

'ANGLED TOP over subbase' +/- electric backup heat
 -- AC chassis with integrated SLOPED cabinet above hydronic coil
 with optional Non-Simultaneous Backup Electric Heat
 with optional 115v Standby Power

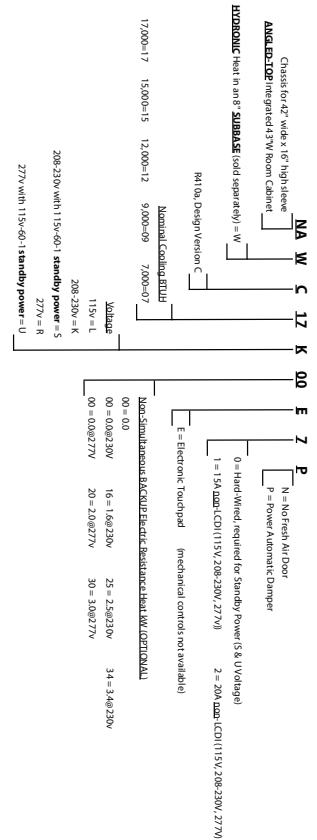


NAWC AC for use with SUB-BASE Hydronic Heat +/- Non-simultaneous Electric Backup Heat -- ANGLED TOP

PERMANENTLY CONNECTED. SUB-BASE Connected. Non-LCDI cord plugs into hard-wired protected receptacle.

| Model | Voltage | Hz | Min. Circuit Amps | MOP Fuse Amps | Electrical Plug (NEMA) | Cooling | | | | | Backup Resistance Heat | | | Indoor CFM HIGH* | Indoor CFM LOW* | Vent CFM | Net Wt. lbs. |
|-------------|---------|----|-------------------|---------------|------------------------|---------|------|---------|------|----------|------------------------|---------|-----------|------------------|-----------------|----------|--------------|
| | | | | | | BTU/Hr. | EER | Amps | S/T | Pts./hr. | BTU/Hr. | kW | Amps | | | | |
| NAWC07L00E2 | 115 | 60 | 8.3 | 15 | #5-20P | 7300 | 11.8 | 6.4 | 0.85 | 1.0 | N/A | N/A | N/A | 310 | 265 | 90 | 167 |
| NAWC09L00E2 | " | " | 11.9 | " | " | 9600 | 11.3 | 8.4 | 0.78 | 2.0 | N/A | N/A | N/A | 360 | 310 | " | " |
| NAWC12L00E2 | " | " | 16.3 | 20 | " | 12600 | 10.6 | 12 | 0.70 | 3.4 | N/A | N/A | N/A | " | " | " | " |
| NAWC07K00E2 | 230-208 | " | 4.1 | 15 | #6-20P | 7300 | 11.8 | 3.2/3.4 | 0.85 | 1.0 | N/A | N/A | N/A | 325/300 | 290/250 | " | " |
| NAWC07K16E2 | " | " | 9.2 | " | " | " | " | " | " | " | 5700/4700 | 1.6/1.3 | 7.4/6.7 | " | " | " | " |
| NAWC07K25E2 | " | " | 14.2 | " | " | " | " | " | " | " | 8900/7300 | 2.5/2.1 | 11.4/10.4 | " | " | " | " |
| NAWC09K00E2 | " | " | 5.7 | " | " | 9600 | 11.3 | 4.2/4.4 | 0.78 | 2.0 | N/A | N/A | N/A | " | " | " | " |
| NAWC09K16E2 | " | " | 9.2 | " | " | " | " | " | " | " | 5700/4700 | 1.6/1.3 | 7.4/6.7 | " | " | " | " |
| NAWC09K25E2 | " | " | 14.2 | " | " | " | " | " | " | " | 8900/7300 | 2.5/2.1 | 11.4/10.4 | " | " | " | " |
| NAWC09K34E2 | " | " | 19.1 | 20 | " | " | " | " | " | " | 12000/9900 | 3.4/2.8 | 15.3/14.0 | " | " | " | " |
| NAWC12K00E2 | " | " | 8.1 | 15 | " | 12600 | 10.6 | 6.0/6.2 | 0.70 | 3.4 | N/A | N/A | N/A | " | " | " | " |
| NAWC12K16E2 | " | " | 9.2 | " | " | " | " | " | " | " | 5700/4700 | 1.6/1.3 | 7.4/6.7 | " | " | " | " |
| NAWC12K25E2 | " | " | 14.2 | " | " | " | " | " | " | " | 8900/7300 | 2.5/2.1 | 11.4/10.4 | " | " | " | " |
| NAWC12K34E2 | " | " | 19.1 | 20 | " | " | " | " | " | " | 12000/9900 | 3.4/2.8 | 15.3/14.0 | " | " | " | " |
| NAWC15K00E2 | " | " | 9.9 | 15 | " | 14800 | 9.8 | 7.5/7.7 | 0.66 | 4.5 | N/A | N/A | N/A | " | " | " | " |
| NAWC15K16E2 | " | " | 9.9 | " | " | " | " | " | " | " | 5700/4700 | 1.6/1.3 | 7.4/6.7 | " | " | " | " |
| NAWC15K25E2 | " | " | 14.2 | " | " | " | " | " | " | " | 8900/7300 | 2.5/2.1 | 11.4/10.4 | " | " | " | " |
| NAWC15K34E2 | " | " | 19.1 | 20 | " | " | " | " | " | " | 12000/9900 | 3.4/2.8 | 15.3/14.0 | " | " | " | " |
| NAWC17K00E2 | " | " | 12.2 | " | " | 16100 | 8.4 | 9.2/9.4 | 0.65 | 5.0 | N/A | N/A | N/A | 420/410 | 380/360 | " | " |
| NAWC17K16E2 | " | " | 12.2 | " | " | " | " | " | " | " | 5700/4700 | 1.6/1.3 | 7.4/6.7 | " | " | " | " |
| NAWC17K25E2 | " | " | 14.3 | " | " | " | " | " | " | " | 8900/7300 | 2.5/2.1 | 11.4/10.4 | " | " | " | " |
| NAWC17K34E2 | " | " | 19.2 | 20 | " | " | " | " | " | " | 12000/9900 | 3.4/2.8 | 15.3/14.0 | " | " | " | " |
| NAWC07R00E2 | 277 | " | 3.7 | 15 | #7-20P | 7300 | 11.8 | 3.0 | 0.88 | 0.8 | N/A | N/A | N/A | 360 | 310 | " | " |
| NAWC07R20E2 | " | " | 9.5 | " | " | " | " | " | " | " | 7200 | 2.0 | 7.6 | " | " | " | " |
| NAWC07R30E2 | " | " | 14 | " | " | " | " | " | " | " | 10600 | 3.0 | 11.2 | " | " | " | " |
| NAWC09R00E2 | " | " | 5.4 | " | " | 9600 | 11.3 | 4.0 | 0.78 | 2.0 | N/A | N/A | N/A | " | " | " | " |
| NAWC09R20E2 | " | " | 9.5 | " | " | " | " | " | " | " | 7200 | 2.0 | 7.6 | " | " | " | " |
| NAWC09R30E2 | " | " | 14 | " | " | " | " | " | " | " | 10600 | 3.0 | 11.2 | " | " | " | " |
| NAWC12R00E2 | " | " | 7.2 | " | " | 12600 | 10.6 | 5.3 | 0.70 | 3.4 | N/A | N/A | N/A | " | " | " | " |
| NAWC12R20E2 | " | " | 9.5 | " | " | " | " | " | " | " | 7200 | 2.0 | 7.6 | " | " | " | " |
| NAWC12R30E2 | " | " | 14 | " | " | " | " | " | " | " | 10600 | 3.0 | 11.2 | " | " | " | " |
| NAWC15R00E2 | " | " | 8.9 | " | " | 14800 | 9.8 | 6.6 | 0.66 | 4.5 | N/A | N/A | N/A | " | " | " | " |
| NAWC15R20E2 | " | " | 9.5 | " | " | " | " | " | " | " | 7200 | 2.0 | 7.6 | " | " | " | " |
| NAWC15R30E2 | " | " | 14 | " | " | " | " | " | " | " | 10600 | 3.0 | 11.2 | " | " | " | " |
| NAWC17R00E2 | " | " | 10.4 | " | " | 16100 | 8.4 | 8.1 | 0.65 | 5.0 | N/A | N/A | N/A | 410 | 370 | " | " |
| NAWC17R20E2 | " | " | 10.4 | " | " | " | " | " | " | " | 7200 | 2.0 | 7.6 | " | " | " | " |
| NAWC17R30E2 | " | " | 14.1 | " | " | " | " | " | " | " | 10600 | 3.0 | 11.2 | " | " | " | " |

NOTE: 115v chassis and 230-208v chassis can be built with 15Amp cords (NEMA#5-15P for 115V; #6-15P for 230-208V) as special order for models with MOP fuse amps listed above as 15.



STANDBY POWER. Separate 115V and 230-208V entering electrical services, or Separate 115V and 277V entering electrical services hard-wired to a proprietary connection system using a locking 4-pole grounded receptacle and armoured cable/plug assembly.

| Model | Voltage | Hz | Min. Circuit Amps | MOP Fuse Amps | Electrical Plug (NEMA) | Cooling | | | | | Resistance Heat | | | Indoor CFM HIGH* | Indoor CFM LOW* | Vent CFM | Net Wt. lbs. |
|-------------|---------|----|-------------------|---------------|------------------------|---------|------|---------|------|----------|-----------------|---------|-----------|------------------|-----------------|----------|--------------|
| | | | | | | BTU/Hr. | EER | Amps | S/T | Pts./hr. | BTU/Hr. | kW | Amps | | | | |
| NAWC07S00E0 | 115 | " | 1.1 | 15 | N/A | 7300 | 11.8 | 0.9 | 0.85 | 1.0 | N/A | N/A | N/A | 310 | 265 | 90 | 167 |
| NAWC09S00E0 | 230-208 | " | 3.7 | " | " | 9600 | 11.3 | 2.8/3.0 | 0.78 | 2.0 | N/A | N/A | N/A | 360 | 310 | " | " |
| NAWC09S25E0 | 115 | " | 1.1 | " | " | 9600 | 11.3 | 0.9 | 0.78 | 2.0 | N/A | N/A | 0.9 | 360 | 310 | " | " |
| NAWC09S34E0 | 230-208 | " | 13.8 | " | " | 9600 | 11.3 | 3.8/4.0 | 0.78 | 2.0 | 8900/7300 | 2.5/2.1 | 11.4/10.4 | 360 | 310 | " | " |
| NAWC12S00E0 | 115 | " | 1.1 | 15 | N/A | 12600 | 10.6 | 0.9 | 0.70 | 3.4 | N/A | N/A | N/A | 360 | 310 | " | " |
| NAWC15S00E0 | 230-208 | " | 7.7 | " | " | 14800 | 9.8 | 5.6/5.8 | 0.66 | 4.5 | N/A | N/A | N/A | 360 | 310 | " | " |
| NAWC17S00E0 | 115 | " | 1.1 | " | " | 16100 | 8.4 | 1.0 | 0.65 | 5.0 | N/A | N/A | N/A | 410 | 370 | " | " |
| NAWC07U00E0 | 230-208 | " | 11.7 | " | " | 7300 | 11.8 | 0.9 | 0.85 | 1.0 | N/A | N/A | N/A | 310 | 265 | " | " |
| NAWC09U00E0 | 115 | " | 1.1 | " | " | 9600 | 11.3 | 0.9 | 0.78 | 2.0 | N/A | N/A | N/A | 360 | 310 | " | " |
| NAWC12U00E0 | 277 | " | 5.0 | " | " | 12600 | 10.6 | 3.6 | 0.70 | 3.4 | N/A | N/A | N/A | 360 | 310 | " | " |
| NAWC15U00E0 | 115 | " | 1.1 | " | " | 14800 | 9.8 | 0.9 | 0.66 | 4.5 | N/A | N/A | N/A | 360 | 310 | " | " |
| NAWC17U00E0 | 277 | " | 6.8 | " | " | 16100 | 8.4 | 4.9 | 0.65 | 5.0 | N/A | N/A | N/A | 410 | 370 | " | " |
| NAWC07L00E2 | 115 | " | 1.1 | " | " | 7300 | 11.8 | 0.9 | 0.85 | 1.0 | N/A | N/A | N/A | 310 | 265 | " | " |
| NAWC09L00E2 | 230-208 | " | 3.7 | " | " | 9600 | 11.3 | 2.8/3.0 | 0.78 | 2.0 | N/A | N/A | N/A | 360 | 310 | " | " |
| NAWC09L25E2 | 115 | " | 1.1 | " | " | 9600 | 11.3 | 0.9 | 0.78 | 2.0 | N/A | N/A | 0.9 | 360 | 310 | " | " |
| NAWC09L34E2 | 230-208 | " | 13.8 | " | " | 9600 | 11.3 | 3.8/4.0 | 0.78 | 2.0 | 8900/7300 | 2.5/2.1 | 11.4/10.4 | 360 | 310 | " | " |
| NAWC12L00E2 | 115 | " | 1.1 | 15 | N/A | 12600 | 10.6 | 0.9 | 0.70 | 3.4 | N/A | N/A | N/A | 360 | 310 | " | " |
| NAWC15L00E2 | 230-208 | " | 7.7 | " | " | 14800 | 9.8 | 5.6/5.8 | 0.66 | 4.5 | N/A | N/A | N/A | 360 | 310 | " | " |
| NAWC17L00E2 | 115 | " | 1.1 | " | " | 16100 | 8.4 | 1.0 | 0.65 | 5.0 | N/A | N/A | N/A | 410 | 370 | " | " |
| NAWC07U00E0 | 230-208 | " | 11.7 | " | " | 7300 | 11.8 | 0.9 | 0.85 | 1.0 | N/A | N/A | N/A | 310 | 265 | " | " |
| NAWC09U00E0 | 115 | " | 1.1 | " | " | 9600 | 11.3 | 0.9 | 0.78 | 2.0 | N/A | N/A | N/A | 360 | 310 | " | " |
| NAWC12U00E0 | 277 | " | 5.0 | " | " | 12600 | 10.6 | 3.6 | 0.70 | 3.4 | N/A | N/A | N/A | 360 | 310 | " | " |
| NAWC15U00E0 | 115 | " | 1.1 | " | " | 14800 | 9.8 | 0.9 | 0.66 | 4.5 | N/A | N/A | N/A | 360 | 310 | " | " |
| NAWC17U00E0 | 277 | " | 6.8 | " | " | 16100 | 8.4 | 4.9 | 0.65 | 5.0 | N/A | N/A | N/A | 410 | 370 | " | " |

NOTE that Standby Power Models can be configured with Non-Simultaneous Backup Heat for 115/230-208V as 1.6kW, 2.5kW, 3.4kW, and for 115/277V as 2.0kW, 3.0kW.

*Time Delay Fuse or HCAR Circuit Breaker ---- "Dry Coil"

Hydronic Heat Performance

| Model | Voltage | Hz | Hot Water Heat | | Water Flow Rate | Coil Pressure Drop (HIGH SPEED) | Steam Heat HIGH SPEED | Steam Heat LOW SPEED | Steam Pressure Drop | Heating Current |
|---------------------|---------|----|----------------|-------------|-----------------|---------------------------------|-----------------------|----------------------|---------------------|-----------------|
| | | | HIGH SPEED | LOW SPEED | | | | | | |
| | | | BTU/Hr. | BTU/Hr. | USGPM | Ft of Water | BTU/Hr. | BTU/Hr. | psi | Amps |
| NAWC07L | 115 | 60 | 15500 | 14800 | 1.62 | 0.6 | 21300 | 20700 | 0.06 | <1 |
| NAWC09L12L | 115 | " | 16600 | 15800 | 1.72 | 0.6 | 22500 | 21300 | 0.07 | <1 |
| NAWC07K | 230-208 | " | 16000/15500 | 15300/14500 | 1.65/1.60 | 0.6 | 21700/21000 | 20700/19500 | 0.07 | " |
| NAWC09K12K, 15K | " | " | 16800/16500 | 16100/15600 | 1.73/1.70 | 0.6 | 22300/21800 | 21700/21000 | " | " |
| NAWC17K | " | " | 17600/17400 | 17100/16800 | 1.82/1.80 | 0.7 | 23800/23600 | 23000/22500 | " | " |
| NAWC07R,09R,12R,15R | 277 | " | 16600 | 15800 | 1.72 | 0.6 | 22500 | 21300 | " | " |
| NAWC17R | " | " | 17400 | 17000 | 1.80 | 0.7 | 23600 | 22800 | " | " |
| NAWC07S,09S,12S,15S | 115 | " | 15600/16800 | 14800/15800 | 1.72 | 0.6 | 22500 | 21700 | " | " |
| NAWC17S | 230-208 | " | 17400 | 17000 | 1.80 | 0.7 | 23600 | 23000 | " | " |
| NAWC07U,09U,12U,15U | 115 | " | 16600 | 15800 | 1.72 | 0.6 | 22500 | 21300 | " | " |
| NAWC17U | | | | | | | | | | |



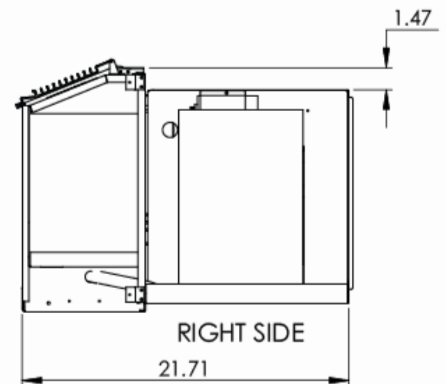
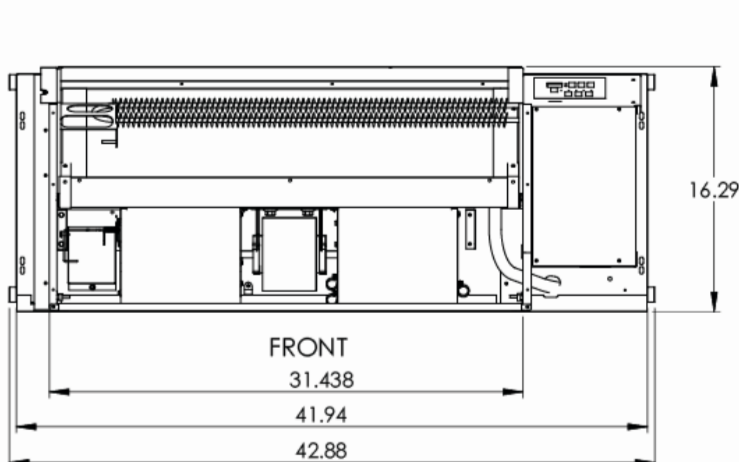
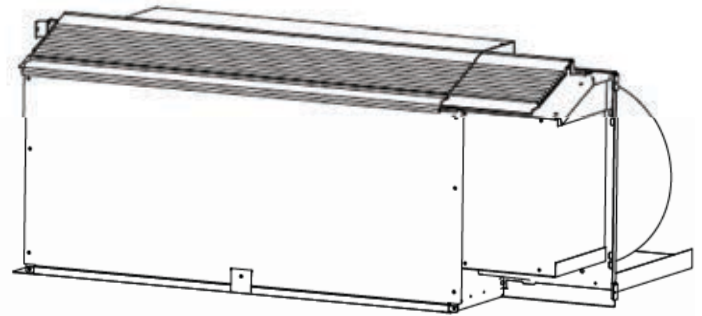
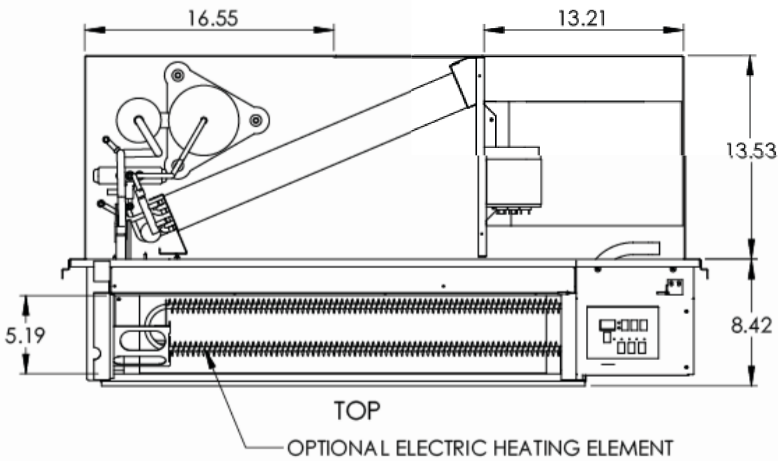
Chassis Slides into
Standard 16" x 42" sleeve

architectural rounded steel cabinet,
powder-coated beige

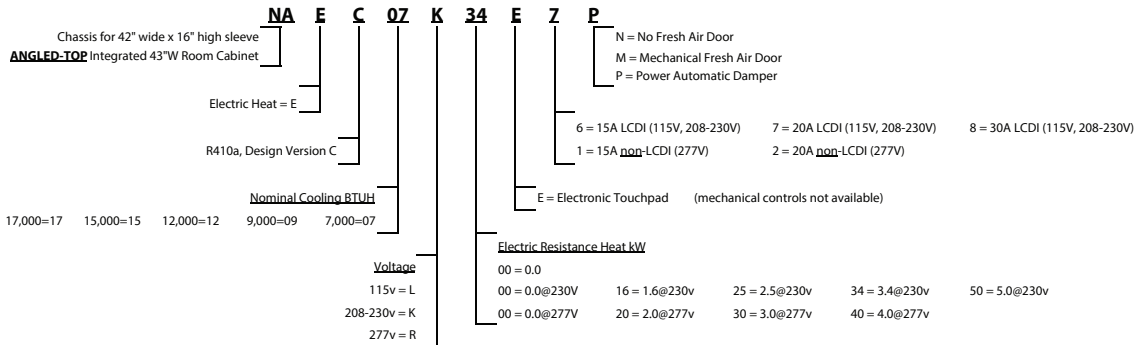
heavy-duty extruded machined
aluminum grille and grille door
powder-coated gray

heavy-duty, high-static, quiet
dual inlet blowers in condenser
and evaporator sections

7000 to 17000btuh nominal cooling



'ANGLED TOP'
-- AC chassis with integrated cabinet and Electric Heat



NAEC Air Conditioner with Electric Resistance Heat -- ANGLED-TOP Configuration

CORD-CONNECTED. LCDI full-length Cord for connection to remote receptacle.

| Model | Voltage | Hz | Min. Circuit Amps | MOP* Fuse Amps | Electrical Plug (NEMA) | Cooling | | | | | Resistance Heat | | | Indoor CFM HIGH ⁹ | Indoor CFM LOW ⁹ | Vent CFM | Net Wt. lbs. |
|-------------|-----------|----|-------------------|----------------|------------------------|---------|------|---------|------|----------|-----------------|---------|-----------|------------------------------|-----------------------------|----------|--------------|
| | | | | | | BTU/Hr. | EER | Amps | S/T | Pts./hr. | BTU/Hr. | kW | Amps | | | | |
| NAEC07L00E6 | 115 | 60 | 8.3 | 15 | #5-15P | 7300 | 11.8 | 6.4 | 0.83 | 1.1 | N/A | N/A | N/A | 325 | 280 | 90 | 167 |
| NAEC09L00E6 | " | " | 11.9 | " | " | 9600 | 11.3 | 8.4 | 0.79 | 1.9 | " | " | " | 380 | 335 | " | " |
| NAEC12L00E7 | " | " | 16.3 | 20 | #5-20P | 12600 | 10.6 | 12.0 | 0.71 | 3.3 | " | " | " | " | " | " | " |
| NAEC07K00E6 | 230 - 208 | " | 4.1 | 15 | #6-15P | 7300 | 11.8 | 3.2/3.4 | 0.79 | 1.9 | " | " | " | 340/315 | 305/265 | " | " |
| NAEC07K16E6 | " | " | 9.2 | " | " | " | " | " | " | " | 5700/4700 | 1.6/1.3 | 7.4/6.7 | " | " | " | " |
| NAEC07K25E6 | " | " | 14.2 | " | " | " | " | " | " | " | 8900/7300 | 2.5/2.1 | 11.4/10.4 | " | " | " | " |
| NAEC07K34E7 | " | " | 19.1 | 20 | #6-20P | " | " | " | " | " | 12000/9900 | 3.4/2.8 | 15.3/14.0 | " | " | " | " |
| NAEC09K00E6 | " | " | 5.7 | 15 | #6-15P | 9600 | 11.3 | 4.2/4.4 | 0.71 | 3.3 | N/A | N/A | N/A | 390/375 | 345/315 | " | " |
| NAEC09K16E6 | " | " | 9.2 | " | " | " | " | " | " | " | 5700/4700 | 1.6/1.3 | 7.4/6.7 | " | " | " | " |
| NAEC09K25E6 | " | " | 14.2 | " | " | " | " | " | " | " | 8900/7300 | 2.5/2.1 | 11.4/10.4 | " | " | " | " |
| NAEC09K34E7 | " | " | 19.1 | 20 | #6-20P | " | " | " | " | " | 12000/9900 | 3.4/2.8 | 15.3/14.0 | " | " | " | " |
| NAEC09K50E8 | " | " | 27.9 | 30 | #6-30P | " | " | " | " | " | 17400/14300 | 5.0/4.1 | 22.3/20.3 | " | " | " | " |
| NAEC12K00E6 | " | " | 8.1 | 15 | #6-15P | 12600 | 10.6 | 6.0/6.2 | 0.67 | 4.4 | N/A | N/A | N/A | " | " | " | " |
| NAEC12K16E6 | " | " | 9.2 | " | " | " | " | " | " | " | 5700/4700 | 1.6/1.3 | 7.4/6.7 | " | " | " | " |
| NAEC12K25E6 | " | " | 14.2 | " | " | " | " | " | " | " | 8900/7300 | 2.5/2.1 | 11.4/10.4 | " | " | " | " |
| NAEC12K34E7 | " | " | 19.1 | 20 | #6-20P | " | " | " | " | " | 12000/9900 | 3.4/2.8 | 15.3/14.0 | " | " | " | " |
| NAEC12K50E8 | " | " | 27.9 | 30 | #6-30P | " | " | " | " | " | 17400/14300 | 5.0/4.1 | 22.3/20.3 | " | " | " | " |
| NAEC15K00E6 | " | " | 9.9 | 15 | #6-15P | 14800 | 9.8 | 7.5/7.7 | 0.67 | 4.4 | N/A | N/A | N/A | " | " | " | " |
| NAEC15K16E6 | " | " | 14.2 | " | " | " | " | " | " | " | 5700/4700 | 1.6/1.3 | 7.4/6.7 | " | " | " | " |
| NAEC15K25E6 | " | " | 19.1 | 20 | #6-20P | " | " | " | 0.79 | 1.9 | 8900/7300 | 2.5/2.1 | 11.4/10.4 | " | " | " | " |
| NAEC15K34E7 | " | " | 27.9 | 30 | #6-30P | " | " | " | " | " | 12000/9900 | 3.4/2.8 | 15.3/14.0 | " | " | " | " |
| NAEC15K50E8 | " | " | 27.9 | 30 | #6-30P | " | " | " | " | " | 17400/14300 | 5.0/4.1 | 22.3/20.3 | " | " | " | " |
| NAEC17K00E6 | " | " | 12.2 | 15 | #6-15P | 16100 | 8.4 | 9.2/9.4 | 0.66 | 5.0 | N/A | N/A | N/A | 435/425 | 395/375 | " | " |
| NAEC17K16E6 | " | " | 14.3 | " | " | " | " | " | " | " | 5700/4700 | 1.6/1.3 | 7.4/6.7 | " | " | " | " |
| NAEC17K25E6 | " | " | 19.2 | 20 | #6-20P | " | " | " | " | " | 8900/7300 | 2.5/2.1 | 11.4/10.4 | " | " | " | " |
| NAEC17K34E7 | " | " | 28.0 | 30 | #6-30P | " | " | " | " | " | 12000/9900 | 3.4/2.8 | 15.3/14.0 | " | " | " | " |
| NAEC17K50E8 | " | " | 28.0 | 30 | #6-30P | " | " | " | " | " | 17400/14300 | 5.0/4.1 | 22.3/20.3 | " | " | " | " |

PERMANENTLY CONNECTED. SUB-BASE Connected. Non-LCDI cord plugs into hard-wired protected receptacle in Sub-base.

| Model | Voltage | Hz | Min. Circuit Amps | MOP* Fuse Amps | Electrical Plug (NEMA) | Cooling | | | | | Resistance Heat | | | Indoor CFM HIGH ⁹ | Indoor CFM LOW ⁹ | Vent CFM | Net Wt. lbs. |
|-------------|---------|----|-------------------|----------------|------------------------|---------|------|------|------|----------|-----------------|-----|------|------------------------------|-----------------------------|----------|--------------|
| | | | | | | BTU/Hr. | EER | Amps | S/T | Pts./hr. | BTU/Hr. | kW | Amps | | | | |
| NAEC07R00E2 | 277 | " | 3.7 | 15 | #7-20P | 7300 | 11.8 | 3.0 | 0.90 | 0.7 | N/A | N/A | N/A | 380 | 335 | 90 | 167 |
| NAEC07R20E2 | " | " | 9.5 | " | " | " | " | " | " | " | 7200 | 2.0 | 7.6 | " | " | " | " |
| NAEC07R30E2 | " | " | 14.0 | " | " | " | " | " | " | " | 10600 | 3.0 | 11.2 | " | " | " | " |
| NAEC07R40E2 | " | " | 18.5 | 20 | " | " | " | " | " | " | 14000 | 4.0 | 14.8 | " | " | " | " |
| NAEC09R00E2 | " | " | 5.4 | 15 | " | 9600 | 11.3 | 4.0 | 0.79 | 1.9 | N/A | N/A | N/A | " | " | " | " |
| NAEC09R20E2 | " | " | 9.5 | " | " | " | " | " | " | " | 7200 | 2.0 | 7.6 | " | " | " | " |
| NAEC09R30E2 | " | " | 14.0 | " | " | " | " | " | " | " | 10600 | 3.0 | 11.2 | " | " | " | " |
| NAEC09R40E2 | " | " | 18.5 | 20 | " | " | " | " | " | " | 14000 | 4.0 | 14.8 | " | " | " | " |
| NAEC12R00E2 | " | " | 7.2 | 15 | " | 12600 | 10.6 | 5.3 | 0.71 | 3.3 | N/A | N/A | N/A | " | " | " | " |
| NAEC12R20E2 | " | " | 9.5 | " | " | " | " | " | " | " | 7200 | 2.0 | 7.6 | " | " | " | " |
| NAEC12R30E2 | " | " | 14.0 | " | " | " | " | " | " | " | 10600 | 3.0 | 11.2 | " | " | " | " |
| NAEC12R40E2 | " | " | 18.5 | 20 | " | " | " | " | " | " | 14000 | 4.0 | 14.8 | " | " | " | " |
| NAEC15R00E2 | " | " | 8.8 | 15 | " | 14800 | 9.8 | 6.6 | 0.67 | 4.4 | N/A | N/A | N/A | " | " | " | " |
| NAEC15R20E2 | " | " | 9.5 | " | " | " | " | " | " | " | 7200 | 2.0 | 7.6 | " | " | " | " |
| NAEC15R30E2 | " | " | 14 | " | " | " | " | " | " | " | 10600 | 3.0 | 11.2 | " | " | " | " |
| NAEC15R40E2 | " | " | 18.5 | 20 | " | " | " | " | " | " | 14000 | 4.0 | 14.8 | " | " | " | " |
| NAEC17R00E2 | " | " | 10.4 | 15 | " | 16100 | 8.4 | 8.1 | 0.66 | 5.0 | N/A | N/A | N/A | 425 | 395 | " | " |
| NAEC17R20E2 | " | " | 14.0 | " | " | " | " | " | " | " | 7200 | 2.0 | 7.6 | " | " | " | " |
| NAEC17R30E2 | " | " | 14.0 | " | " | " | " | " | " | " | 10600 | 3.0 | 11.2 | " | " | " | " |
| NAEC17R40E2 | " | " | 18.5 | 20 | " | " | " | " | " | " | 14000 | 4.0 | 14.8 | " | " | " | " |

*Time Delay Fuse or HCAR Circuit Breaker --- "Dry Coil" --- 277v models are permanently connected using 20amp non-LCDI cords.

Based on ASHRAE and AHRI test conditions of 95 degrees F DB / 75 degrees F WB outside, 80 degrees F DB / 67 degrees F WB inside.

Electric Resistance Heat Watts x 3.41 = Btu/h. Electric Heating Watts and Amps include Indoor Fan Motor.

Cooling Full Load Amps includes Compressor, IDF and ODF FLA's.

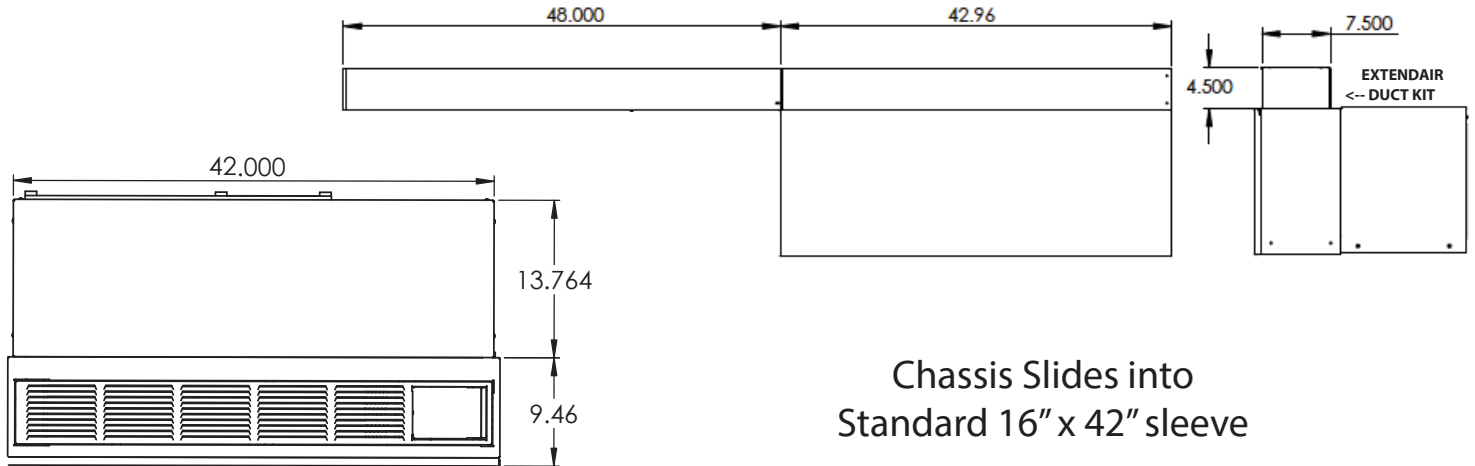
Electric Heat MCA, Time Delay Fuse and NEMA Receptacle data are based on 240V and 277V.

NFW for hydronic subbase coil

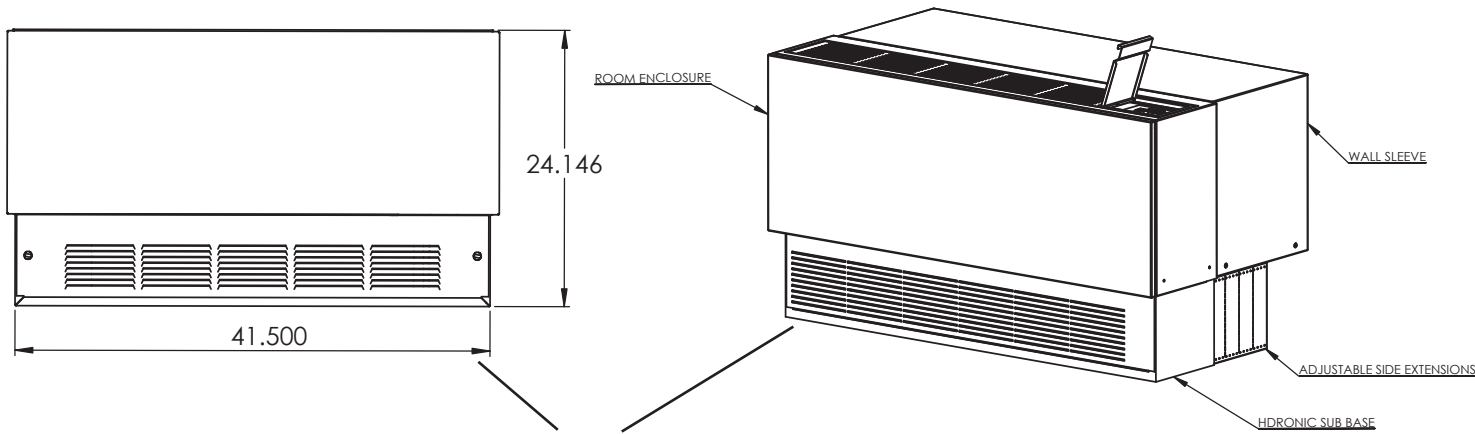
+/- extendair duct kits

'FLAT TOP over subbase'

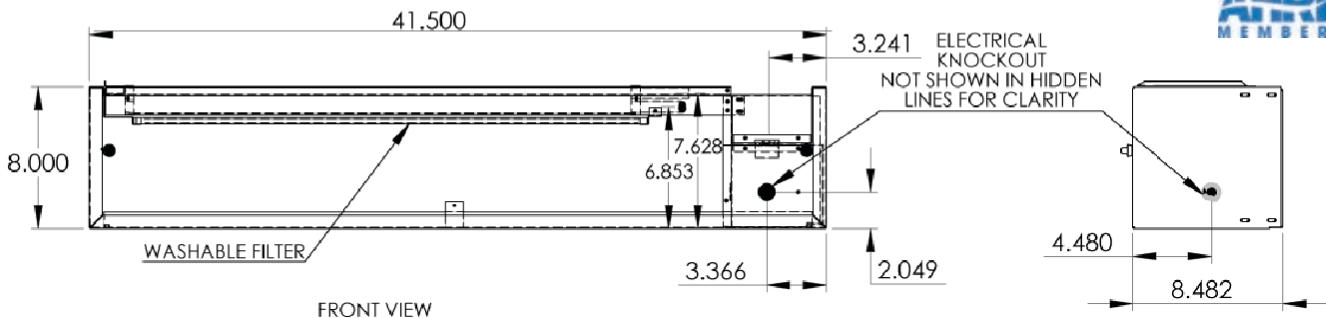
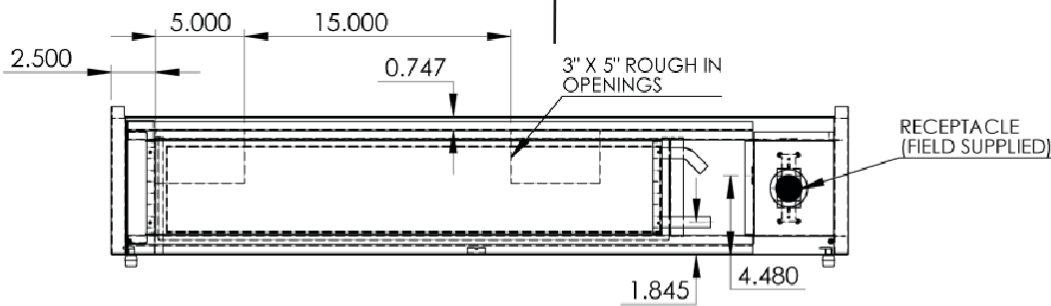
-- AC chassis with integrated SLOPED cabinet above hydronic coil
with optional Non-Simultaneous Backup Electric Heat
with optional 115v Standby Power



Chassis Slides into
Standard 16" x 42" sleeve



Hydronic Subbase



NFW for hydronic subbase coil

'FLAT TOP over subbase'
 -- AC chassis with integrated SLOPED cabinet above hydronic coil
 with optional Non-Simultaneous Backup Electric Heat
 with optional 115v Standby Power



NFWC AC for use with SUB-BASE Hydronic Heat +/- Non-simultaneous Electric Backup Heat -- FLAT TOP

PERMANENTLY CONNECTED. SUB-BASE Connected. Non-LCDI cord plugs into hard-wired protected receptacle.

| Model | Voltage | Hz | Min. Circuit Amps | MOP Fuse Amps | Electrical Plug (NEMA) | Cooling | | | | | Backup Resistance Heat | | | Indoor CFM HIGH* | Indoor CFM LOW* | Vent CFM | Net Wt. lbs. |
|-------------|---------|----|-------------------|---------------|------------------------|---------|------|---------|------|----------|------------------------|---------|-----------|------------------|-----------------|----------|--------------|
| | | | | | | BTU/Hr. | EER | Amps | S/T | Pts./hr. | BTU/Hr. | kW | Amps | | | | |
| NFWC07L00E2 | 115 | 60 | 8.3 | 15 | #5-20P | 7300 | 11.8 | 6.4 | 0.85 | 1.0 | N/A | N/A | N/A | 310 | 265 | 90 | 172 |
| NFWC09L00E2 | " | " | 11.9 | 15 | " | 9600 | 11.3 | 8.4 | 0.78 | 2.0 | N/A | N/A | N/A | 360 | 310 | " | " |
| NFWC12L00E2 | " | " | 16.3 | 20 | " | 12600 | 10.6 | 12 | 0.70 | 3.4 | N/A | N/A | N/A | " | " | " | " |
| NFWC07K00E2 | 230-208 | 60 | 4.1 | 15 | #6-20P | 7300 | 11.8 | 3.2/3.4 | 0.85 | 1.0 | N/A | N/A | N/A | 325/300 | 290/250 | " | " |
| NFWC07K16E2 | " | " | 9.2 | 15 | " | " | " | " | " | " | 5700/4700 | 1.6/1.3 | 7.4/6.7 | " | " | " | " |
| NFWC07K25E2 | " | " | 14.2 | 15 | " | " | " | " | " | " | 8900/7300 | 2.5/2.1 | 11.4/10.4 | " | " | " | " |
| NFWC09K00E2 | " | " | 5.7 | 15 | " | 9600 | 11.3 | 4.2/4.4 | 0.78 | 2.0 | N/A | N/A | N/A | 370/350 | 325/300 | " | " |
| NFWC09K16E2 | " | " | 9.2 | 15 | " | " | " | " | " | " | 5700/4700 | 1.6/1.3 | 7.4/6.7 | " | " | " | " |
| NFWC09K25E2 | " | " | 14.2 | 15 | " | " | " | " | " | " | 8900/7300 | 2.5/2.1 | 11.4/10.4 | " | " | " | " |
| NFWC09K34E2 | " | " | 19.1 | 20 | " | " | " | " | " | " | 12000/9900 | 3.4/2.8 | 15.3/14.0 | " | " | " | " |
| NFWC12K00E2 | " | " | 8.1 | 15 | " | 12600 | 10.6 | 6.0/6.2 | 0.70 | 3.4 | N/A | N/A | N/A | " | " | " | " |
| NFWC12K16E2 | " | " | 9.2 | 15 | " | " | " | " | " | " | 5700/4700 | 1.6/1.3 | 7.4/6.7 | " | " | " | " |
| NFWC12K25E2 | " | " | 14.2 | 15 | " | " | " | " | " | " | 8900/7300 | 2.5/2.1 | 11.4/10.4 | " | " | " | " |
| NFWC12K34E2 | " | " | 19.1 | 20 | " | " | " | " | " | " | 12000/9900 | 3.4/2.8 | 15.3/14.0 | " | " | " | " |
| NFWC15K00E2 | " | " | 9.9 | 15 | " | 14800 | 9.8 | 7.5/7.7 | 0.66 | 4.5 | N/A | N/A | N/A | " | " | " | " |
| NFWC15K16E2 | " | " | 9.9 | 15 | " | " | " | " | " | " | 5700/4700 | 1.6/1.3 | 7.4/6.7 | " | " | " | " |
| NFWC15K25E2 | " | " | 14.2 | 15 | " | " | " | " | " | " | 8900/7300 | 2.5/2.1 | 11.4/10.4 | " | " | " | " |
| NFWC15K34E2 | " | " | 19.1 | 20 | " | " | " | " | " | " | 12000/9900 | 3.4/2.8 | 15.3/14.0 | " | " | " | " |
| NFWC17K00E2 | " | " | 12.2 | 15 | " | 16100 | 8.4 | 9.2/9.4 | 0.65 | 5.0 | N/A | N/A | N/A | 420/410 | 380/360 | " | " |
| NFWC17K16E2 | " | " | 12.2 | 15 | " | " | " | " | " | " | 5700/4700 | 1.6/1.3 | 7.4/6.7 | " | " | " | " |
| NFWC17K25E2 | " | " | 14.3 | 15 | " | " | " | " | " | " | 8900/7300 | 2.5/2.1 | 11.4/10.4 | " | " | " | " |
| NFWC17K34E2 | " | " | 19.2 | 20 | " | " | " | " | " | " | 12000/9900 | 3.4/2.8 | 15.3/14.0 | " | " | " | " |
| NFWC07R00E2 | 277 | " | 3.7 | 15 | #7-20P | 7300 | 11.8 | 3.0 | 0.88 | 0.8 | N/A | N/A | N/A | 360 | 310 | " | " |
| NFWC07R20E2 | " | " | 9.5 | 15 | " | " | " | " | " | " | 7200 | 2.0 | 7.6 | " | " | " | " |
| NFWC07R30E2 | " | " | 14.0 | 15 | " | " | " | " | " | " | 10600 | 3.0 | 11.2 | " | " | " | " |
| NFWC09R00E2 | " | " | 5.7 | 15 | " | 9600 | 11.3 | 4.0 | 0.78 | 2.0 | N/A | N/A | N/A | " | " | " | " |
| NFWC09R20E2 | " | " | 9.5 | 15 | " | " | " | " | " | " | 7200 | 2.0 | 7.6 | " | " | " | " |
| NFWC09R30E2 | " | " | 14.0 | 15 | " | " | " | " | " | " | 10600 | 3.0 | 11.2 | " | " | " | " |
| NFWC12R00E2 | " | " | 7.2 | 15 | " | 12600 | 10.6 | 5.3 | 0.70 | 3.4 | N/A | N/A | N/A | " | " | " | " |
| NFWC12R20E2 | " | " | 9.5 | 15 | " | " | " | " | " | " | 7200 | 2.0 | 7.6 | " | " | " | " |
| NFWC12R30E2 | " | " | 14.0 | 15 | " | " | " | " | " | " | 10600 | 3.0 | 11.2 | " | " | " | " |
| NFWC15R00E2 | " | " | 8.9 | 15 | " | 14800 | 9.8 | 6.6 | 0.66 | 4.5 | N/A | N/A | N/A | " | " | " | " |
| NFWC15R20E2 | " | " | 9.5 | 15 | " | " | " | " | " | " | 7200 | 2.0 | 7.6 | " | " | " | " |
| NFWC15R30E2 | " | " | 14.0 | 15 | " | " | " | " | " | " | 10600 | 3.0 | 11.2 | " | " | " | " |
| NFWC17R00E2 | " | " | 10.4 | 15 | " | 16100 | 8.4 | 8.1 | 0.65 | 5.0 | N/A | N/A | N/A | 410 | 370 | " | " |
| NFWC17R20E2 | " | " | 10.4 | 15 | " | " | " | " | " | " | 7200 | 2.0 | 7.6 | " | " | " | " |
| NFWC17R30E2 | " | " | 14.1 | 15 | " | " | " | " | " | " | 10600 | 3.0 | 11.2 | " | " | " | " |

NOTE: 115v chassis and 230-208v chassis can be built with 15Amp cords (NEMA#5-15P for 115V; #6-15P for 230-208V) as special order for models with MOP fuse amps listed above as 15.

STANDBY POWER. Separate 115V and 230-208V entering electrical services, or Separate 115V and 277V entering electrical services hard-wired to a proprietary connection system using a locking 4-pole grounded receptacle and armoured cable/plug assembly.

| Model | Voltage | Hz | Min. Circuit Amps | MOP Fuse Amps | Electrical Plug (NEMA) | Cooling | | | | | Resistance Heat | | | Indoor CFM HIGH* | Indoor CFM LOW* | Vent CFM | Net Wt. lbs. |
|-------------|----------------|----|-------------------|---------------|------------------------|---------|------|----------------|------|----------|-----------------|---------|-----------|------------------|-----------------|----------|--------------|
| | | | | | | BTU/Hr. | EER | Amps | S/T | Pts./hr. | BTU/Hr. | kW | Amps | | | | |
| NFWC07S00E0 | 115 230-208 | 60 | 1.1 3.7 | 15 | N/A | 7300 | 11.8 | 0.9 2.8/3.0 | 0.85 | 1.0 | N/A | N/A | N/A | 310 | 265 | 90 | 172 |
| NFWC09S00E0 | 115 230-208 | " | 1.1 5.3 | 15 | N/A | 9600 | 11.3 | 0.9 3.8/4.0 | 0.78 | 2.0 | " | " | " | 360 | 310 | " | " |
| NFWC09S25E0 | 115 230-208 | " | 1.1 13.8 | 15 | N/A | " | " | 0.9 3.8/4.0 | " | 2.0 | 8900/7300 | 2.5/2.1 | 11.4/10.4 | " | " | " | " |
| NFWC09S34E0 | 115 230-208 | " | 1.1 18.6 | 15 | N/A | " | " | 0.9 3.8/4.0 | " | 2.0 | 12000/9900 | 3.4/2.8 | 15.3/14.0 | " | " | " | " |
| NFWC12S00E0 | 115 230-208 | " | 1.1 7.7 | 15 | N/A | 12600 | 10.6 | 0.9 5.6/5.8 | 0.70 | 3.4 | N/A | N/A | N/A | 360 | 310 | " | " |
| NFWC15S00E0 | 115 230-208 | " | 1.1 9.5 | 15 | N/A | 14800 | 9.8 | 0.9 7.1/7.3 | 0.66 | 4.5 | " | " | " | " | " | " | " |
| NFWC17S00E0 | 115 230-208 | " | 1.2 11.7 | 15 | N/A | 16100 | 8.4 | 1.0 8.7/8.9 | 0.65 | 5.0 | " | " | " | 410 | 370 | " | " |
| NFWC07U00E0 | 115 277 | " | 1.1 3.4 | 15 | N/A | 7300 | 11.8 | 0.9 2.6 | 0.85 | 1.0 | " | " | " | 310 | 265 | " | " |
| NFWC09U00E0 | 115 277 | " | 1.1 5.0 | 15 | N/A | 9600 | 11.3 | 0.9 3.6 | 0.78 | 2.0 | " | " | " | 360 | 310 | " | " |
| NFWC12U00E0 | 115 277 | " | 1.1 6.8 | 15 | N/A | 12600 | 10.6 | 0.9 4.9 | 0.70 | 3.4 | " | " | " | " | " | " | " |
| NFWC15U00E0 | 115 277 | " | 1.1 8.4 | 15 | N/A | 14800 | 9.8 | 0.9 6.2 | 0.66 | 4.5 | " | " | " | " | " | " | " |
| NFWC17U00E0 | 115 277 | " | 1.2 9.9 | 15 | N/A | 16100 | 8.4 | 1.0 7.7 | 0.65 | 5.0 | " | " | " | " | " | " | " |

NOTE that Standby Power Models can be configured with Non-Simultaneous Backup Heat for 115/230-208V as 1.6kW, 2.5kW, 3.4kW, and for 115/277V as 2.0kW, 3.0kW.

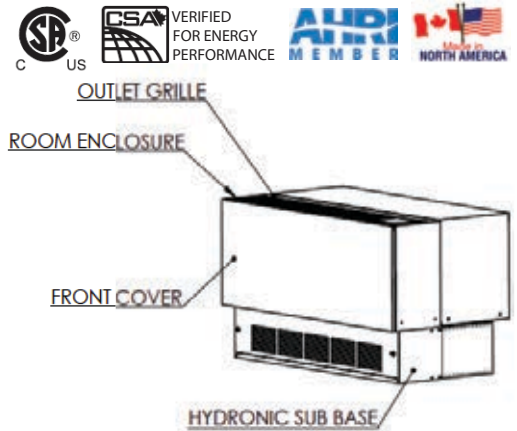
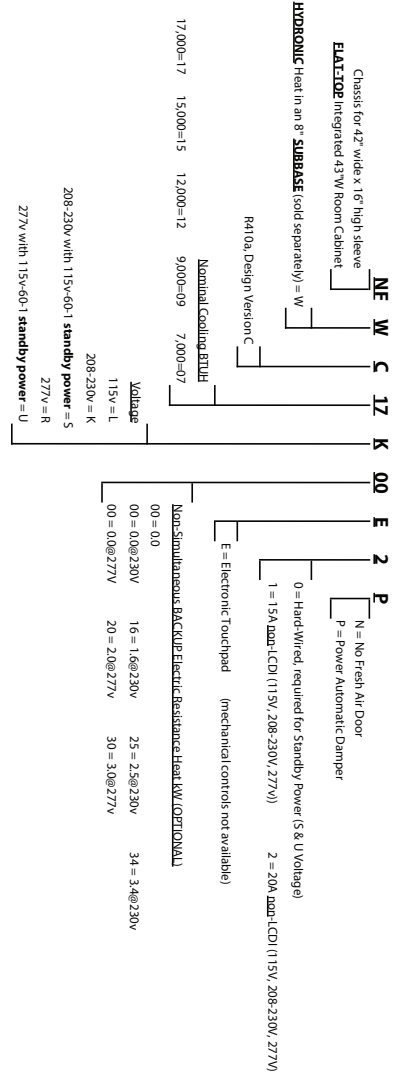
*Time Delay Fuse or HCAR Circuit Breaker --- *Dry Coil

Hydronic Heat Performance

| Model | Voltage | Hz | Hot Water Heat | | Water Flow Rate | Coil Pressure Drop (HIGH SPEED) | Steam Heat HIGH SPEED | | Steam Heat LOW SPEED | | Steam Pressure Drop | Heating Current |
|------------------------|----------------|----|----------------|-------------|-----------------|---------------------------------|-----------------------|-------------|----------------------|---------|---------------------|-----------------|
| | | | HIGH SPEED | LOW SPEED | | | BTU/Hr. | BTU/Hr. | BTU/Hr. | BTU/Hr. | | |
| NFWC07L | 115 | 60 | 15600 | 14800 | 1.62 | 0.6 | 21300 | 20000 | 20000 | 0.06 | <1 | |
| NFWC09L, 12L | 115 | " | 16600 | 15800 | 1.72 | 0.6 | 22500 | 21300 | 21300 | 0.07 | " | |
| NFWC07K | 230-208 | " | 16000/15500 | 15300/14500 | 1.65/1.60 | 0.6 | 21700/21000 | 20700/19500 | 20700/19500 | 0.06 | " | |
| NFWC012K, 15K | " | " | 16800/16500 | 16100/15600 | 1.73/1.70 | 0.6 | 22300/21800 | 21100/20400 | 21100/20400 | 0.07 | " | |
| NFWC17K | " | " | 17600/17400 | 17100/16800 | 1.82/1.80 | 0.7 | 23800/23600 | 23000/22500 | 23000/22500 | " | " | |
| NFWC07R, 09R, 12R, 15R | 277 | " | 16600 | 15800 | 1.72 | 0.6 | 22500 | 21300 | 21300 | " | " | |
| NFWC17R | " | " | 17400 | 17000 | 1.80 | 0.7 | 23600 | 22800 | 22800 | " | " | |
| NFWC07S, 09S, 12S, 15S | 115 230-208 | " | 16800 | 16100 | 1.70 | 0.6 | 22700 | 21700 | 21700 | " | " | |
| NFWC17S | 115 230-208 | " | 17600 | 16700 | 1.80 | 0.6 | 23800 | 23000 | 23000 | " | " | |
| NFWC07U, 09U, 12U, 15U | 115 277 | " | 16600 | 15300 | 1.72 | 0.6 | 22500 | 21300 | 21300 | " | " | |
| NFWC17U | 115 277 | " | 17400 | 17000 | 1.80 | 0.7 | 23600 | 22800 | 22800 | " | " | |

Cooling performance is rated in accordance with ASHRAE/AHRI Standard 310/380 and tested with HYDRONIC COIL IN PLACE. Maximum Steam Pressure: 2 psig --- Steam ratings based on 70°F entering air, and 2 psig steam pressure with heat output automatically adjusting for blower speed. Maximum Water Temperature: 210°F --- HIGH SPEED Water ratings based on ASHRAE/AHRI conditions of 70°F entering air, 200°F entering water and 180°F leaving water temperatures. LOW SPEED Water ratings based on water flow rate set for HIGH SPEED rating condition operating point.

Maximum Output to Valve: 25 VA or 24 VAC.



very efficient nominal 7000 to 17000btuh AC with up to 5.0kW of electric heat

heavy-duty, high-static, quiet dual inlet blowers in condenser and evaporator sections

heavy-duty steel cabinet, powder-coated beige

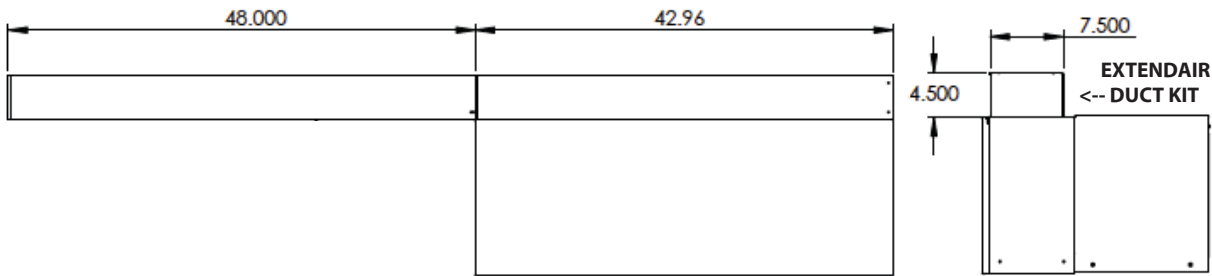
stamped grille and grille door powder-coated black

heavy-duty, high-static, quiet dual inlet blowers in condenser and evaporator sections

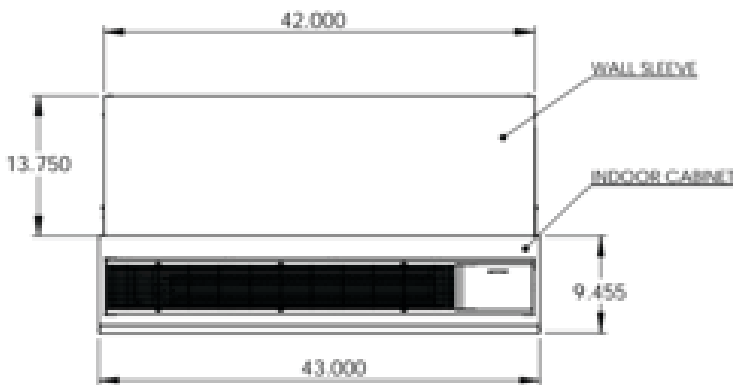
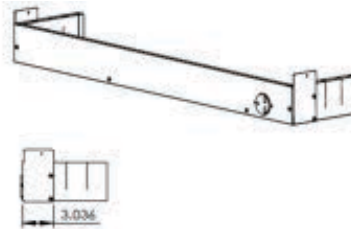
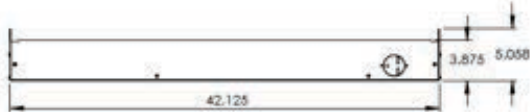
optional extendair duct kits

optional base skirts with receptacle

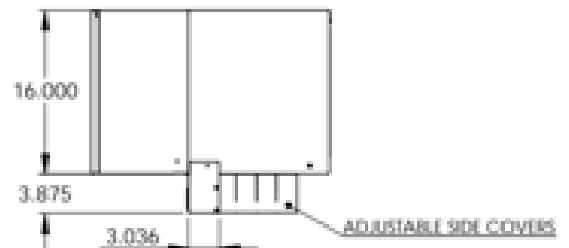
optional power fresh air damper door



BASE SKIRT WITH RECEPTACLE

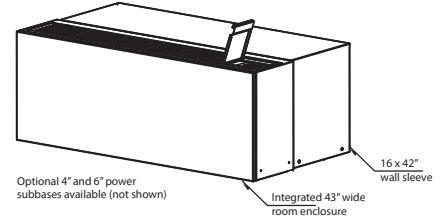
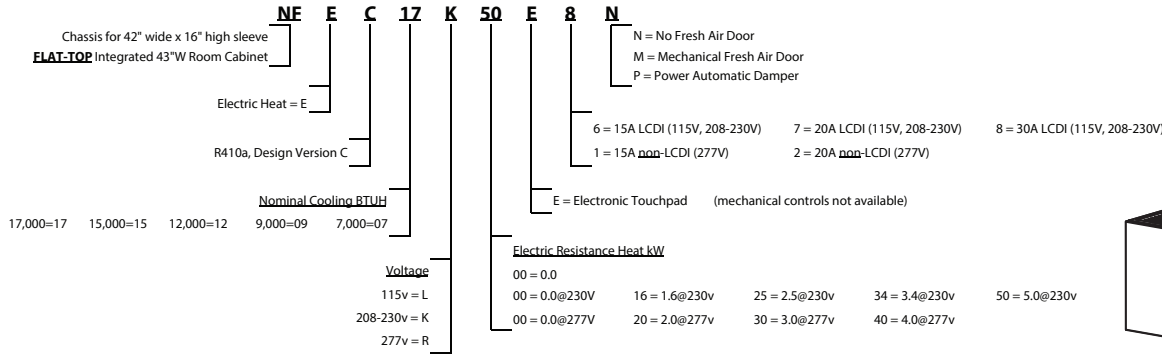


Chassis Slides into Standard 16" x 42" sleeve



'FLAT TOP over subbase'

-- AC chassis with integrated FLAT cabinet and Electric Heat



NFEC Air Conditioner with Electric Resistance Heat -- FLAT-TOP Configuration

CORD-CONNECTED. LCDI full-length Cord for connection to remote receptacle.

| Model | Voltage | Hz | Min. Circuit Amps | MOP* Fuse Amps | Electrical Plug (NEMA) | Cooling | | | | | Resistance Heat | | | Indoor CFM HIGH* | Indoor CFM LOW* | Vent CFM | Net Wt. lbs. |
|-------------|-----------|----|-------------------|----------------|------------------------|---------|------|---------|------|----------|-----------------|---------|-----------|------------------|-----------------|----------|--------------|
| | | | | | | BTU/Hr. | EER | Amps | S/T | Pts./hr. | BTU/Hr. | kW | Amps | | | | |
| NFEC07L00E6 | 115 | 60 | 8.3 | 15 | #5-15P | 7300 | 11.8 | 6.4 | 0.83 | 1.1 | N/A | N/A | N/A | 325 | 280 | 90 | 172 |
| NFEC09L00E6 | " | " | 11.9 | 15 | #5-15P | 9600 | 11.3 | 8.4 | 0.79 | 1.9 | N/A | N/A | N/A | 380 | 335 | " | " |
| NFEC12L00E7 | " | " | 16.3 | 20 | #5-20P | 12600 | 10.6 | 12.0 | 0.71 | 3.3 | N/A | N/A | N/A | " | " | " | " |
| NFEC07K00E6 | 230 - 208 | " | 4.1 | 15 | #6-15P | 7300 | 11.8 | 3.2/3.4 | 0.79 | 1.9 | N/A | N/A | N/A | 340/315 | 305/265 | " | " |
| NFEC07K16E6 | " | " | 9.2 | 15 | #6-15P | " | " | " | " | " | 5700/4700 | 1.6/1.3 | 7.4/6.7 | " | " | " | " |
| NFEC07K25E6 | " | " | 14.2 | 15 | #6-15P | " | " | " | " | " | 8900/7300 | 2.5/2.1 | 11.4/10.4 | " | " | " | " |
| NFEC07K34E7 | " | " | 19.1 | 20 | #6-20P | " | " | " | " | " | 12000/9900 | 3.4/2.8 | 15.3/14.0 | " | " | " | " |
| NFEC09K00E6 | 230 - 208 | " | 5.7 | 15 | #6-15P | 9600 | 11.3 | 4.2/4.4 | 0.71 | 3.3 | N/A | N/A | N/A | 390/375 | 345/315 | " | " |
| NFEC09K16E6 | " | " | 9.2 | 15 | #6-15P | " | " | " | " | " | 5700/4700 | 1.6/1.3 | 7.4/6.7 | " | " | " | " |
| NFEC09K25E6 | " | " | 14.2 | 15 | #6-15P | " | " | " | " | " | 8900/7300 | 2.5/2.1 | 11.4/10.4 | " | " | " | " |
| NFEC09K34E7 | " | " | 19.1 | 20 | #6-20P | " | " | " | " | " | 12000/9900 | 3.4/2.8 | 15.3/14.0 | " | " | " | " |
| NFEC09K50E8 | " | " | 27.9 | 30 | #6-30P | " | " | " | " | " | 17400/14300 | 5.0/4.1 | 22.3/20.3 | " | " | " | " |
| NFEC12K00E6 | " | " | 8.1 | 15 | #6-15P | 12600 | 10.6 | 6.0/6.2 | 0.67 | 4.4 | N/A | N/A | N/A | " | " | " | " |
| NFEC12K16E6 | " | " | 9.2 | 15 | #6-15P | " | " | " | " | " | 5700/4700 | 1.6/1.3 | 7.4/6.7 | " | " | " | " |
| NFEC12K25E6 | " | " | 14.2 | 15 | #6-15P | " | " | " | " | " | 8900/7300 | 2.5/2.1 | 11.4/10.4 | " | " | " | " |
| NFEC12K34E7 | " | " | 19.1 | 20 | #6-20P | " | " | " | " | " | 12000/9900 | 3.4/2.8 | 15.3/14.0 | " | " | " | " |
| NFEC12K50E8 | " | " | 27.9 | 30 | #6-30P | " | " | " | " | " | 17400/14300 | 5.0/4.1 | 22.3/20.3 | " | " | " | " |
| NFEC15K00E6 | " | " | 9.9 | 15 | #6-15P | 14800 | 9.8 | 7.5/7.7 | 0.67 | 4.4 | N/A | N/A | N/A | " | " | " | " |
| NFEC15K16E6 | " | " | 9.2 | 15 | #6-15P | " | " | " | " | " | 5700/4700 | 1.6/1.3 | 7.4/6.7 | " | " | " | " |
| NFEC15K25E6 | " | " | 14.2 | 15 | #6-15P | " | " | " | 0.79 | 1.9 | 8900/7300 | 2.5/2.1 | 11.4/10.4 | " | " | " | " |
| NFEC15K34E7 | " | " | 19.1 | 20 | #6-20P | " | " | " | " | " | 12000/9900 | 3.4/2.8 | 15.3/14.0 | " | " | " | " |
| NFEC15K50E8 | " | " | 27.9 | 30 | #6-30P | " | " | " | " | " | 17400/14300 | 5/4.1 | 22.3/20.3 | " | " | " | " |
| NFEC17K00E6 | " | " | 12.2 | 15 | #6-15P | 16100 | 8.4 | 9.2/9.4 | 0.66 | 5.0 | N/A | N/A | N/A | 435/425 | 395/375 | " | " |
| NFEC17K16E6 | " | " | 12.2 | 15 | #6-15P | " | " | " | " | " | 5700/4700 | 1.6/1.3 | 7.4/6.7 | " | " | " | " |
| NFEC17K25E6 | " | " | 14.3 | 15 | #6-15P | " | " | " | " | " | 8900/7300 | 2.5/2.1 | 11.4/10.4 | " | " | " | " |
| NFEC17K34E7 | " | " | 19.2 | 20 | #6-20P | " | " | " | " | " | 12000/9900 | 3.4/2.8 | 15.3/14.0 | " | " | " | " |
| NFEC17K50E8 | " | " | 28.0 | 30 | #6-30P | " | " | " | " | " | 17400/14300 | 5.0/4.1 | 22.3/20.3 | " | " | " | " |



PERMANENTLY CONNECTED. SUB-BASE Connected. Non-LCDI cord plugs into hard-wired protected receptacle in Sub-base.

| Model | Voltage | Hz | Min. Circuit Amps | MOP* Fuse Amps | Electrical Plug (NEMA) | Cooling | | | | | Resistance Heat | | | Indoor CFM HIGH* | Indoor CFM LOW* | Vent CFM | Net Wt. lbs. |
|-------------|---------|----|-------------------|----------------|------------------------|---------|------|------|------|----------|-----------------|-----|------|------------------|-----------------|----------|--------------|
| | | | | | | BTU/Hr. | EER | Amps | S/T | Pts./hr. | BTU/Hr. | kW | Amps | | | | |
| NFEC07R00E2 | 277 | " | 3.7 | 15 | #7-20P | 7300 | 11.8 | 3.0 | 0.90 | 0.7 | N/A | N/A | N/A | 380 | 335 | 90 | 172 |
| NFEC07R20E2 | " | " | 9.5 | " | " | " | " | " | " | " | 7200 | 2.0 | 7.6 | " | " | " | " |
| NFEC07R30E2 | " | " | 14.0 | " | " | " | " | " | " | " | 10600 | 3.0 | 11.2 | " | " | " | " |
| NFEC07R40E2 | " | " | 18.5 | 20 | " | " | " | " | " | " | 14000 | 4.0 | 14.8 | " | " | " | " |
| NFEC09R00E2 | " | " | 5.4 | 15 | " | 9600 | 11.3 | 4.0 | 0.79 | 1.9 | N/A | N/A | N/A | " | " | " | " |
| NFEC09R20E2 | " | " | 9.5 | " | " | " | " | " | " | " | 7200 | 2.0 | 7.6 | " | " | " | " |
| NFEC09R30E2 | " | " | 14.0 | " | " | " | " | " | " | " | 10600 | 3.0 | 11.2 | " | " | " | " |
| NFEC09R40E2 | " | " | 18.5 | 20 | " | " | " | " | " | " | 14000 | 4.0 | 14.8 | " | " | " | " |
| NFEC12R00E2 | " | " | 7.2 | 15 | " | 12600 | 10.6 | 5.3 | 0.71 | 3.3 | N/A | N/A | N/A | " | " | " | " |
| NFEC12R20E2 | " | " | 9.5 | " | " | " | " | " | " | " | 7200 | 2.0 | 7.6 | " | " | " | " |
| NFEC12R30E2 | " | " | 14.0 | " | " | " | " | " | " | " | 10600 | 3.0 | 11.2 | " | " | " | " |
| NFEC12R40E2 | " | " | 18.5 | 20 | " | " | " | " | " | " | 14000 | 4.0 | 14.8 | " | " | " | " |
| NFEC15R00E2 | " | " | 8.8 | 15 | " | 14800 | 9.8 | 6.6 | 0.67 | 4.4 | N/A | N/A | N/A | " | " | " | " |
| NFEC15R20E2 | " | " | 9.5 | " | " | " | " | " | " | " | 7200 | 2.0 | 7.6 | " | " | " | " |
| NFEC15R30E2 | " | " | 14.0 | " | " | " | " | " | " | " | 10600 | 3.0 | 11.2 | " | " | " | " |
| NFEC15R40E2 | " | " | 18.5 | 20 | " | " | " | " | " | " | 14000 | 4.0 | 14.8 | " | " | " | " |
| NFEC17R00E2 | " | " | 10.4 | 15 | " | 16100 | 8.4 | 8.1 | 0.66 | 5.0 | N/A | N/A | N/A | 425 | 395 | " | " |
| NFEC17R20E2 | " | " | 10.4 | " | " | " | " | " | " | " | 7200 | 2.0 | 7.6 | " | " | " | " |
| NFEC17R30E2 | " | " | 14.0 | " | " | " | " | " | " | " | 10600 | 3.0 | 11.2 | " | " | " | " |
| NFEC17R40E2 | " | " | 18.5 | 20 | " | " | " | " | " | " | 14000 | 4.0 | 14.8 | " | " | " | " |



*Time Delay Fuse or HCAR Circuit Breaker --- "Dry Coil" --- 277v models are permanently connected using 20amp non-LCDI cords.

Based on ASHRAE and AHRI test conditions of 95 degrees F DB / 75 degrees F WB outside, 80 degrees F DB / 67 degrees F WB inside.

Electric Resistance Heat Watts x 3.41 = Btuh. Electric Heating Watts and Amps include Indoor Fan Motor.

Cooling Full Load Amps includes Compressor, IDF and ODF FLA's.

Electric Heat MCA, Time Delay Fuse and NEMA Receptacle data are based on 240V and 277V.

NYW for hydronic top coil



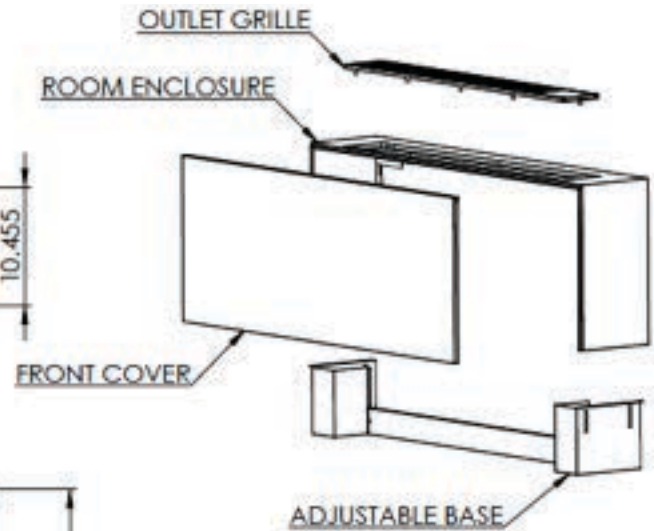
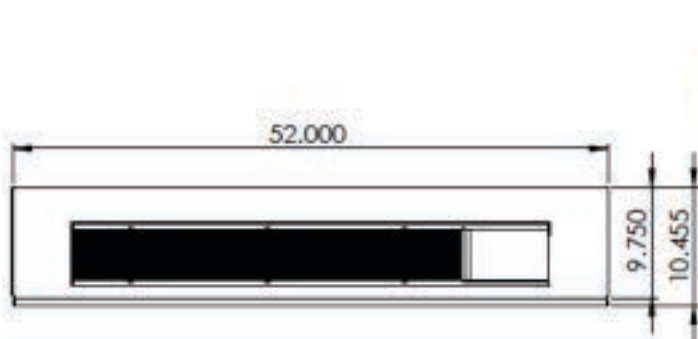
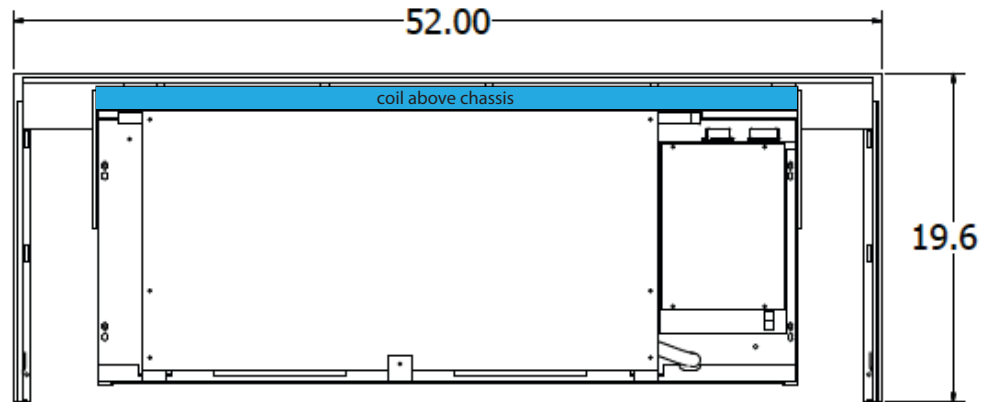
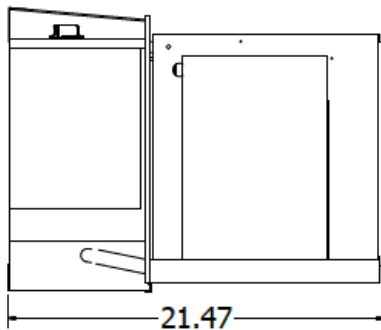
'NEW YORKER STYLE -- coil on top'
 -- AC chassis under hydronic coil + separate room cabinet
 with optional 115v Standby Power

Nominal 7000 to 17000btuh cooling-
 with optional 115v Standby Power.

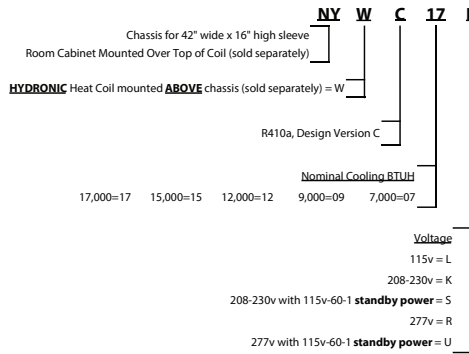
Chassis Slides into 16" x 42" sleeve.

The accessory coil assembly is
 attached to the sleeve above the
 chassis.

The accessory 52" room cabinet is
 mounted above the coil and



'NEW YORKER STYLE -- coil on top'
 -- AC chassis under hydronic coil + separate room cabinet
 with optional 115v Standby Power



N = No Fresh Air Door
 M = Mechanical Fresh Air Door
 P = Power Automatic Damper

0 = Hard-Wired, required for Standby Power (S & U)
 1 = 15A LCDI-LCDI (277v only) 2 = 20A LCDI-LCDI (277v only)
 6 = 20A LCDI (115v or 208-230v) 7 = 20A LCDI (115v or 208-230v)

E = Electronic Touchpad S = Mechanical Rotary Controls

Electric Resistance Heat kW
 00 = 0.0



NYWC Air Conditioner for use with TOP-MOUNTED Hydronic Heat Coil -- Separate Room Cabinet

CORD CONNECTED with LCDI Cord.

| Model | Voltage | Hz | Min. Circuit Amps | MOP Fuse Amps | Electrical Plug (NEMA) | Cooling | | | | | Resistance Heat | | | Indoor CFM HIGH* | Indoor CFM LOW* | Vent CFM | Net Wt. lbs. |
|-------------|---------|----|-------------------|---------------|------------------------|---------|------|---------|------|----------|-----------------|-----|------|------------------|-----------------|----------|--------------|
| | | | | | | BTU/Hr. | EER | Amps | S/T | Pts./hr. | BTU/Hr. | kW | Amps | | | | |
| NYWC07L00E6 | 115 | 60 | 8.3 | 15 | #5-15P | 7300 | 11.8 | 6.4 | 0.83 | 1.1 | N/A | N/A | N/A | 310 | 265 | 90 | 150 |
| NYWC09L00E6 | " | " | 11.9 | " | " | 9600 | 11.3 | 8.4 | 0.73 | 2.2 | N/A | N/A | N/A | " | " | " | " |
| NYWC12L00E7 | " | " | 16.3 | 20 | #5-20P | 12600 | 10.6 | 12.0 | 0.70 | 3.4 | N/A | N/A | N/A | 360 | 310 | " | " |
| NYWC07K00E7 | 230-208 | " | 4.1 | 20 | #6-20P | 7300 | 11.8 | 3.2/3.4 | 0.83 | 1.1 | N/A | N/A | N/A | 325/300 | 290/250 | " | " |
| NYWC09K00E7 | " | " | 5.7 | " | " | 9600 | 11.3 | 4.2/4.4 | 0.73 | 2.2 | N/A | N/A | N/A | " | " | " | " |
| NYWC12K00E7 | " | " | 8.1 | " | " | 12600 | 10.6 | 6.0/6.2 | 0.70 | 3.4 | N/A | N/A | N/A | 370/350 | 325/300 | " | " |
| NYWC15K00E7 | " | " | 9.9 | " | " | 14800 | 9.8 | 7.5/7.7 | 0.66 | 4.5 | N/A | N/A | N/A | " | " | " | " |
| NYWC17K00E7 | " | " | 12.2 | " | " | 16100 | 8.4 | 9.2/9.4 | 0.65 | 5.0 | N/A | N/A | N/A | 420/410 | 380/360 | " | " |

NOTE: Chassis can be built with 15 Amp cords (NEMA#5-15P for 115V; #6-15P for 208-230V) as special order for models with MOP fuse amps listed above as 15.

Non-LCDI Cord plugs into hard-wired receptacle in Subbase.

| Model | Voltage | Hz | Min. Circuit Amps | MOP Fuse Amps | Electrical Plug (NEMA) | Cooling | | | | | Resistance Heat | | | Indoor CFM HIGH* | Indoor CFM LOW* | Vent CFM | Net Wt. lbs. |
|-------------|---------|----|-------------------|---------------|------------------------|---------|------|------|------|----------|-----------------|-----|------|------------------|-----------------|----------|--------------|
| | | | | | | BTU/Hr. | EER | Amps | S/T | Pts./hr. | BTU/Hr. | kW | Amps | | | | |
| NYWC07R00E2 | 277 | " | 3.7 | 15 | #7-20P | 7300 | 11.8 | 3.0 | 0.88 | 0.8 | N/A | N/A | N/A | 360 | 310 | 90 | 150 |
| NYWC09R00E2 | " | " | 5.4 | " | " | 9600 | 11.3 | 4.0 | 0.77 | 1.9 | N/A | N/A | N/A | " | " | " | " |
| NYWC12R00E2 | " | " | 7.2 | " | " | 12600 | 10.6 | 5.3 | 0.70 | 3.4 | N/A | N/A | N/A | " | " | " | " |
| NYWC15R00E2 | " | " | 8.8 | " | " | 14800 | 9.8 | 6.6 | 0.66 | 4.5 | N/A | N/A | N/A | " | " | " | " |
| NYWC17R00E2 | " | " | 10.4 | " | " | 16100 | 8.4 | 8.1 | 0.65 | 5.0 | N/A | N/A | N/A | 410 | 370 | " | " |

STANDBY POWER. Separate 115V and 230-208V entering electrical services, or Separate 115V and 277V entering electrical services hard-wired to a proprietary connection system using a locking 4-pole grounded receptacle and armoured cable/plug assembly.

| Model | Voltage | Hz | Min. Circuit Amps | MOP Fuse Amps | Electrical Plug (NEMA) | Cooling | | | | | Resistance Heat | | | Indoor CFM HIGH* | Indoor CFM LOW* | Vent CFM | Net Wt. lbs. |
|-------------|---------|----|-------------------|---------------|------------------------|---------|------|---------|------|----------|-----------------|-----|------|------------------|-----------------|----------|--------------|
| | | | | | | BTU/Hr. | EER | Amps | S/T | Pts./hr. | BTU/Hr. | kW | Amps | | | | |
| NYWC07S00E0 | 115 | " | 1.1 | 15 | N/A | 7300 | 11.8 | 0.9 | 0.83 | 1.1 | N/A | N/A | N/A | 310 | 265 | 90 | 150 |
| | 230-208 | " | 3.7 | " | " | " | " | 2.8/3.0 | " | " | " | " | " | " | " | " | " |
| NYWC09S00E0 | 115 | " | 1.1 | 15 | N/A | 9600 | 11.3 | 0.9 | 0.73 | 2.2 | N/A | N/A | N/A | 310 | 265 | " | " |
| | 230-208 | " | 5.3 | " | " | " | " | 3.8/4.0 | " | " | " | " | " | " | " | " | " |
| NYWC12S00E0 | 115 | " | 1.1 | 15 | N/A | 12600 | 10.6 | 0.9 | 0.70 | 3.4 | N/A | N/A | N/A | 360 | 310 | " | " |
| | 230-208 | " | 7.7 | " | " | " | " | 5.6/5.8 | " | " | " | " | " | " | " | " | " |
| NYWC15S00E0 | 115 | " | 1.1 | 15 | N/A | 14800 | 10.6 | 0.9 | 0.66 | 4.5 | N/A | N/A | N/A | 360 | 310 | " | " |
| | 230-208 | " | 9.5 | " | " | " | " | 7.1/7.3 | " | " | " | " | " | " | " | " | " |
| NYWC17S00E0 | 115 | " | 1.2 | 15 | N/A | 16100 | 8.4 | 1.1 | 0.65 | 5.0 | N/A | N/A | N/A | 410 | 370 | " | " |
| | 230-208 | " | 11.7 | " | " | " | " | 8.7/8.9 | " | " | " | " | " | " | " | " | " |
| NYWC07U00E0 | 115 | " | 1.1 | 15 | N/A | 7300 | 11.8 | 0.9 | 0.83 | 0.8 | N/A | N/A | N/A | 360 | 310 | " | " |
| | 277 | " | 3.4 | " | " | " | " | 2.6 | " | " | " | " | " | " | " | " | " |
| NYWC09U00E0 | 115 | " | 1.1 | 15 | N/A | 9600 | 11.3 | 0.9 | 0.73 | 1.9 | N/A | N/A | N/A | 360 | 310 | " | " |
| | 277 | " | 5.0 | " | " | " | " | 3.6 | " | " | " | " | " | " | " | " | " |
| NYWC12U00E0 | 115 | " | 1.1 | 15 | N/A | 12600 | 10.6 | 0.9 | 0.7 | 3.4 | N/A | N/A | N/A | 360 | 310 | " | " |
| | 277 | " | 6.8 | " | " | " | " | 4.9 | " | " | " | " | " | " | " | " | " |
| NYWC15U00E0 | 115 | " | 1.1 | 15 | N/A | 14800 | 9.8 | 0.9 | 0.66 | 4.5 | N/A | N/A | N/A | 360 | 310 | " | " |
| | 277 | " | 8.4 | " | " | " | " | 6.2 | " | " | " | " | " | " | " | " | " |
| NYWC17U00E0 | 115 | " | 1.2 | 15 | N/A | 16100 | 8.4 | 1.1 | 0.65 | 5.0 | N/A | N/A | N/A | 410 | 370 | " | " |
| | 277 | " | 9.9 | " | " | " | " | 7.7 | " | " | " | " | " | " | " | " | " |

*Time Delay Fuse or HCAR Circuit Breaker ---- *Dry Coil

Hydronic Heat Performance

| Model | Voltage | Hz | Hot Water Heat HIGH SPEED | Hot Water Heat LOW SPEED | Water Flow Rate | Coil Pressure Drop (HIGH SPEED) | Steam Heat HIGH SPEED | Steam Heat LOW SPEED | Steam Pressure Drop | Heating Current |
|---------------------|---------|----|---------------------------|--------------------------|-----------------|---------------------------------|-----------------------|----------------------|---------------------|-----------------|
| | | | BTU/Hr. | BTU/Hr. | USGPM | Ft. of Water | BTU/Hr. | BTU/Hr. | psi | Amps |
| NYWC07L-09L | 115 | 60 | 16500 | 15500 | 1.7 | 3.0 | 19900 | 18600 | 0.13 | <1 |
| NYWC12L | " | " | 17800 | 16700 | 1.8 | 3.4 | 21400 | 19600 | " | " |
| NYWC07K-09K | 230-208 | " | 16900/16300 | 16100/15100 | 1.8-1.7 | 3.1-2.9 | 20400/19600 | 19400/18100 | " | " |
| NYWC12K-15K | " | " | 18100/17600 | 17100/16500 | 1.9-1.8 | 3.5-3.3 | 21600/21100 | 20400/19600 | " | " |
| NYWC17K | " | " | 19200/19000 | 18400/19000 | 2.0-1.9 | 3.8-3.6 | 22900/22600 | 21900/21400 | " | " |
| NYWC07R,09R,12R,15R | 277 | " | 17800 | 16700 | 1.8 | 3.4 | 21400 | 19900 | " | " |
| NYWC17R | " | " | 19000 | 18200 | 1.9 | 3.7 | 22600 | 21600 | " | " |
| NYWC07S,09S,12S,15S | 115 | " | 18100 | 17100 | 1.9 | 3.5 | 21600 | 20400 | " | " |
| NYWC17S | 230-208 | " | 18900 | 18100 | 2.0 | 3.6 | 22500 | 21700 | " | " |
| NYWC07U,09U,12U,15U | 115 | " | 18100 | 17100 | 1.8 | 3.4 | 21400 | 19900 | " | " |
| NYWC17U | 277 | " | 18900 | 18100 | 1.9 | 3.9 | 22400 | 21300 | " | " |

Cooling performance is rated in accordance with ASHRAE/AHRI Standard 310/380 and tested with **HYDRONIC COIL IN PLACE**. Maximum Steam Pressure: 2 psig ---- Steam ratings based on 70°F entering air, and 2 psig steam pressure with heat output automatically adjusted for blower speed. Maximum Water Temperature: 210°F ---- HIGH SPEED Water ratings based on ASHRAE/AHRI conditions of 70°F entering air, 200°F entering water and 180°F leaving water temperatures. LOW SPEED Water ratings based on water flow rate set for HIGH SPEED rating condition operating point.

Maximum Output to Valve: 25 VA or 24 VAC.