N Series

410A

SLEEVE **16 x 42”**

Applied Comfort

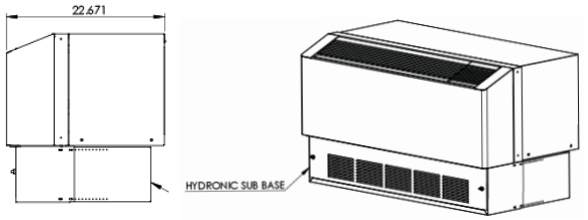
Packaged Terminal AIR CONDITIONERS

Configurations

NAW hydronic subbase coil

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

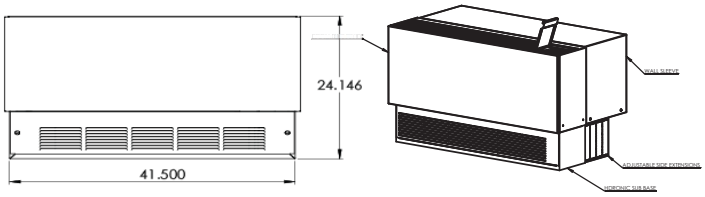
+/- Electric Backup Heat
+/- 115V Standby Power



NFW hydronic subbase coil

‘FLAT TOP AC over Hydronic Coil subbase’

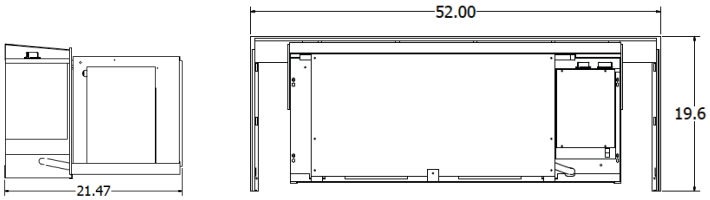
+/- Extendair Duct Kits
+/- Electric Backup Heat
+/- 115V Standby Power



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 evalorator blowers designed specifially for performance with hydronic coils and ducted applications.

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

Power Fresh Air Dampers -- optional filtered fresh air damper opens and closes automaticaly 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.

SIX YEAR WARRANTY*

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

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

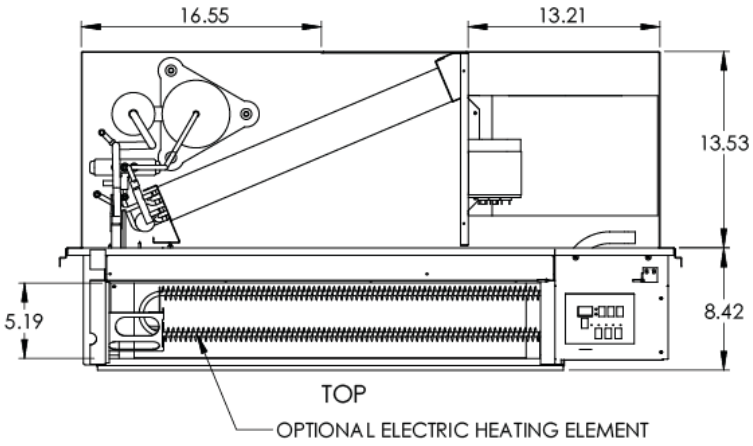
Distributed by:

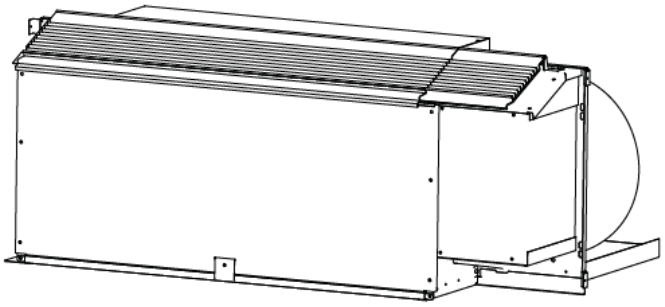
NAW hydronic subbase coil

+/- electric backup heat

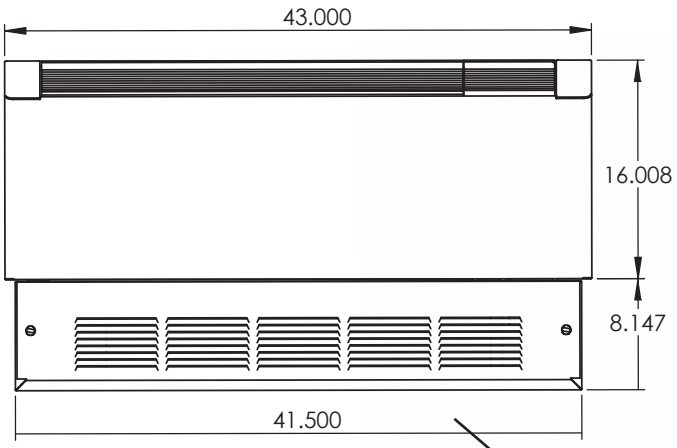
'ANGLED TOP over subbase'
-- AC chassis with integrated SLOPED cabinet above hydronc coil
with optional Non-Simultaneous Backup Electric Heat
with optional 115v Standby Power

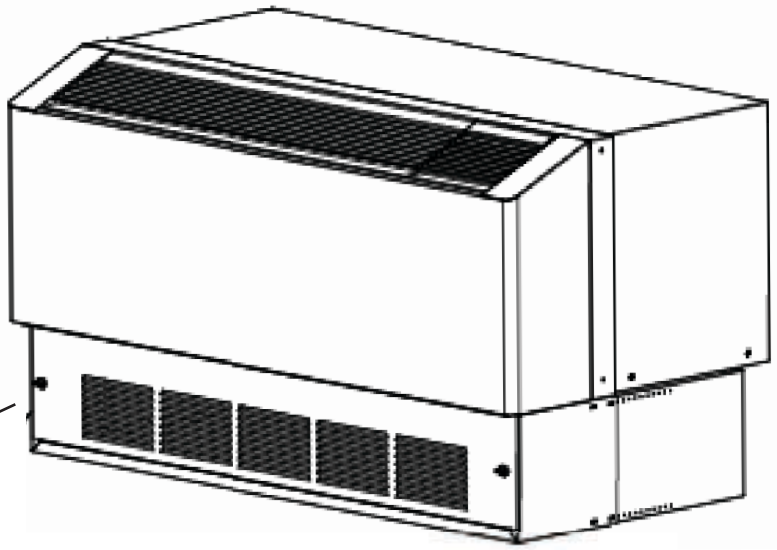
Applied Comfort



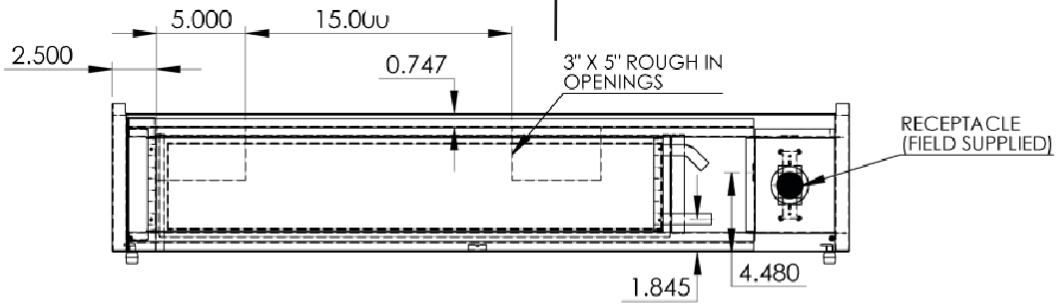


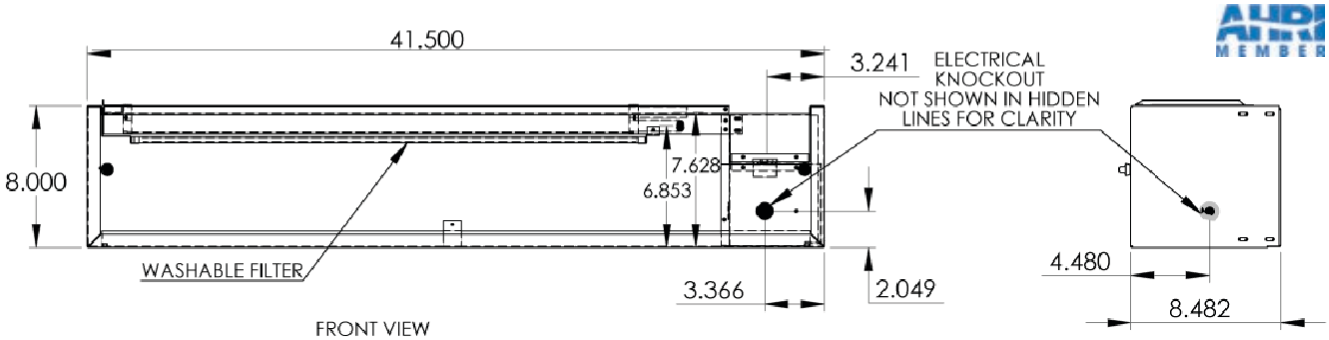
Chassis Slides into
Standard 16" x 42" sleeve





Hydronic Subbase





NAW hydronic subbase coil

+/- electric backup heat

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

Applied Comfort

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
	230 - 208		3.7	"				2.8/3.0									
NAWC09S00E0	115	"	1.1	"	N/A	9600	11.3	0.9	0.78	2.0	N/A	N/A	N/A	360	310	"	"
	230 - 208		5.3	"				3.8/4.0									
NAWC09S25E0	115	"	1.1	"	N/A	9600	11.3	0.9	0.78	2.0	N/A	N/A	0.9	360	310	"	"
	230 - 208		13.8	"				3.8/4.0			8900/7300	2.5/2.1	11.4/10.4				
NAWC09S34E0	115	"	1.1	"	N/A	9600	11.3	0.9	0.78	2.0	N/A	N/A	0.9	360	310	"	"
	230 - 208		18.6	20				3.8/4.0			12000/9900	3.4.2.8	15.3/14.0				
NAWC12S00E0	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									
NAWC15S00E0	115	"	1.1	"	N/A	14800	9.8	0.9	0.66	4.5	N/A	N/A	N/A	360	310	"	"
	230 - 208		9.5	"				7.1/7.3									
NAWC17S00E0	115	"	1.2	"	N/A	16100	8.4	1.0	0.65	5.0	N/A	N/A	N/A	410	370	"	"
	230 - 208		11.7	"				8.7/8.9									
NAWC07U00E0	115	"	1.1	"	N/A	7300	11.8	0.9	0.85	1.0	N/A	N/A	N/A	310	265	"	"
	277		3.4	"				2.6									
NAWC09U00E0	115	"	1.1	"	N/A	9600	11.3	0.9	0.78	2.0	N/A	N/A	N/A	360	310	"	"
	277		5.0	"				3.6									
NAWC12U00E0	115	"	1.1	"	N/A	12600	10.6	0.9	0.70	3.4	N/A	N/A	N/A	360	310	"	"
	277		6.8	"				4.9									
NAWC15U00E0	115	"	1.1	"	N/A	14800	9.8	0.9	0.66	4.5	N/A	N/A	N/A	360	310	"	"
	277		8.4	"				6.2									
NAWC17U00E0	115	"	1.2	"	N/A	16100	8.4	1.0	0.65	5.0	N/A	N/A	N/A	410	370	"	"
	277		9.9	"				7.7									

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.

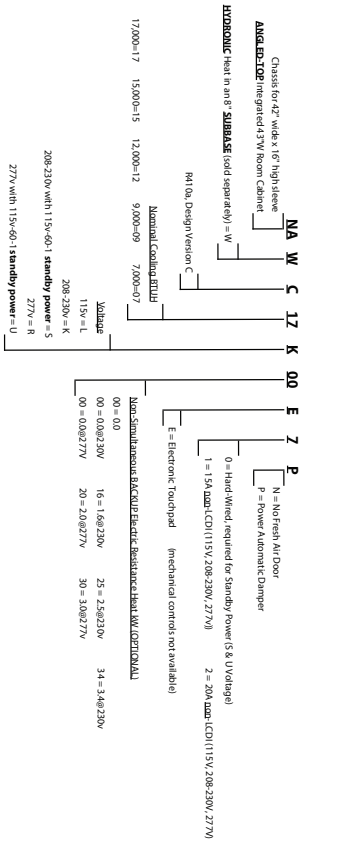
*Time Delay Fuse or HCAR Circuit Breaker ---- °Dry Coil

Hydronic Heat Performance

Model	Voltage	Hz	Hot Water Heat 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
NAWC07L	115	60	15600	14800	1.62	0.6	21300	20700	0.06	<1
NAWC09L,12L	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	"
NAWC09K,12K,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	"	"
	230-208									
NAWC17S	115	"	17400	17000	1.80	0.7	23600	23000	"	"
	230-208									
NAWC07U,09U,12U,15U	115	"	16600	15800	1.72	0.6	22500	21300	"	"
	277									
NAWC17U	115	"	17400	17000	1.80	0.7	23600	22800	"	"
	277									

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.



CSA VERIFIED FOR ENERGY PERFORMANCE

Made in NORTH AMERICA

AHRI MEMBER

NAE electric heat

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

Applied Comfort

Chassis Slides into
Standard 16" x 42" sleeve

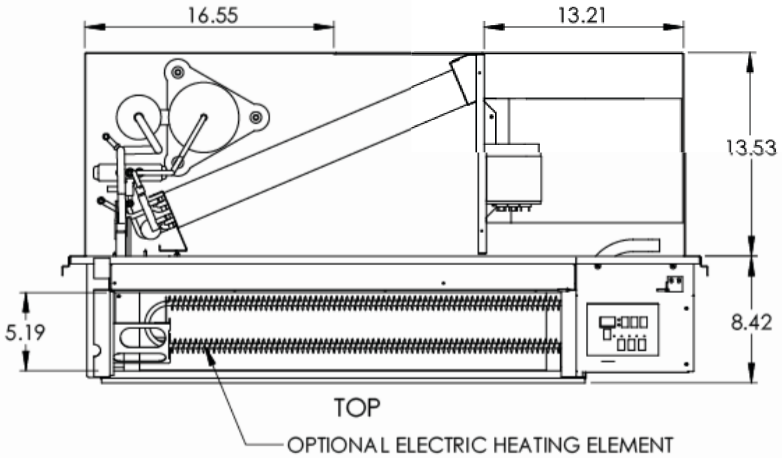
VERIFIED FOR ENERGY PERFORMANCE

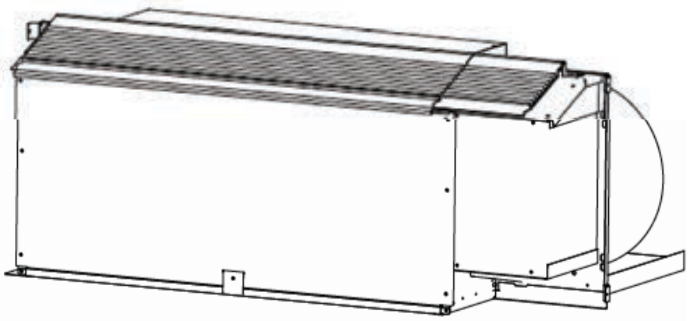
architectural rounded steel cabinet, powder-coated beige

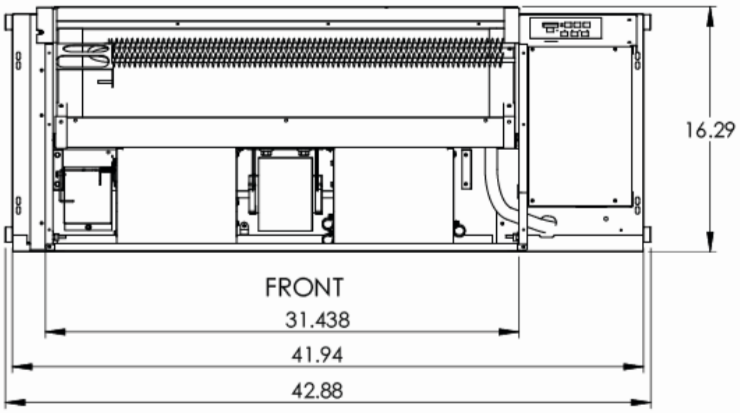
heavy-duty extruded machined aluminum grille and grille door powder-coated gray

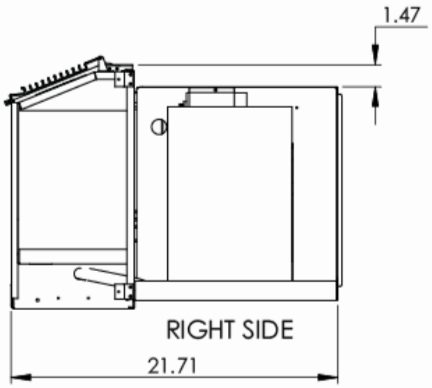
heavy-duty, high-static, quiet dual inlet blowers in condenser and evaporator sections

7000 to17000btuh nominal cooling









NAE electric heat

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

Applied Comfort

NA E C 07 K 34 E 7 P

Chassis for 42" wide x 16" high sleeve
ANGLED-TOP Integrated 43"W Room Cabinet

Electric Heat = E

R410a, Design Version C

Nominal Cooling BTUH
17,000=17 15,000=15 12,000=12 9,000=09 7,000=07

Voltage
115v = L
208-230v = K
277v = R

Electric Resistance Heat kW
00 = 0.0
00 = 0.0@230V 16 = 1.6@230v 25 = 2.5@230v 34 = 3.4@230v 50 = 5.0@230v
00 = 0.0@277V 20 = 2.0@277v 30 = 3.0@277v 40 = 4.0@277v

E = Electronic Touchpad (mechanical controls not available)

6 = 15A LCDI (115V, 208-230V) 7 = 20A LCDI (115V, 208-230V) 8 = 30A LCDI (115V, 208-230V)
1 = 15A non-LCDI (277V) 2 = 20A non-LCDI (277V)

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

Made in NORTH AMERICA

AHRI MEMBER

CSA VERIFIED FOR ENERGY PERFORMANCE

SP C US

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

CORD-CONNECTED. LCDI full-length Cord for conncetion 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				
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	"	"	"	"	"	"	"	"	"	"	5700/4700	1.6/1.3	7.4/6.7	"	"	"	"
NAEC15K25E6	"	"	14.2	"	"	"	"	"	"	"	8900/7300	2.5/2.1	11.4/10.4	"	"	"	"
NAEC15K34E7	"	"	19.1	20	#6-20P	"	"	"	0.79	1.9	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	"	"	"	"	"	"	"	"	"	"	5700/4700	1.6/1.3	7.4/6.7	"	"	"	"
NAEC17K25E6	"	"	14.3	"	"	"	"	"	"	"	8900/7300	2.5/2.1	11.4/10.4	"	"	"	"
NAEC17K34E7	"	"	19.2	20	#6-20P	"	"	"	"	"	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°	Indoor CFM LOW°	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	"	"	"	"	"	"	"	"	"	"	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 = Btuh. Electric Heating Watts and Amps include Indoor Fan Motor.

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

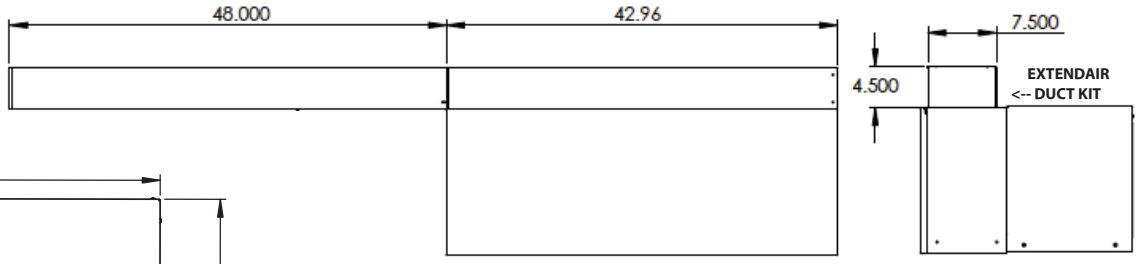
Electric Heat MCA, Time Delay Fuse and NEMA Receptacle data are based on 240V and 277V.

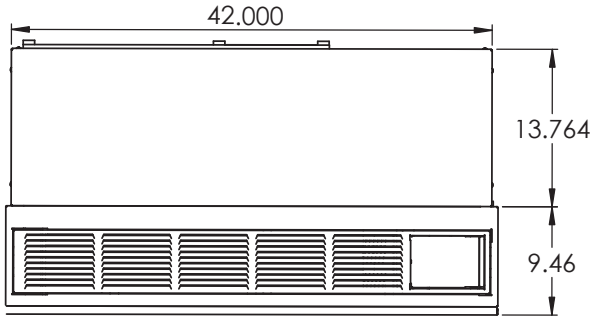
NFW for hydronic subbase coil

+/- extendair duct kits

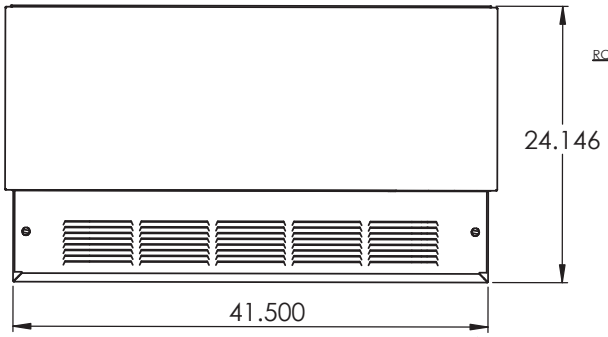
'FLAT TOP over subbase'
-- AC chassis with integrated SLOPED cabinet above hydronc coil
with optional Non-Simultaneous Backup Electric Heat
with optional 115v Standby Power

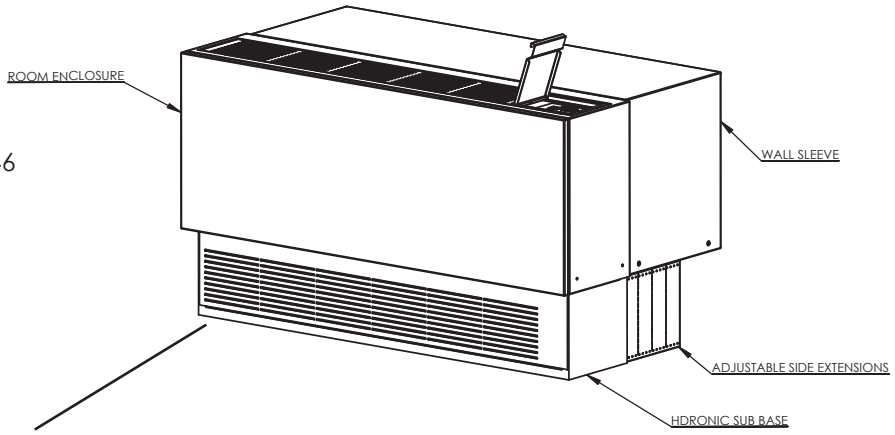
Applied Comfort



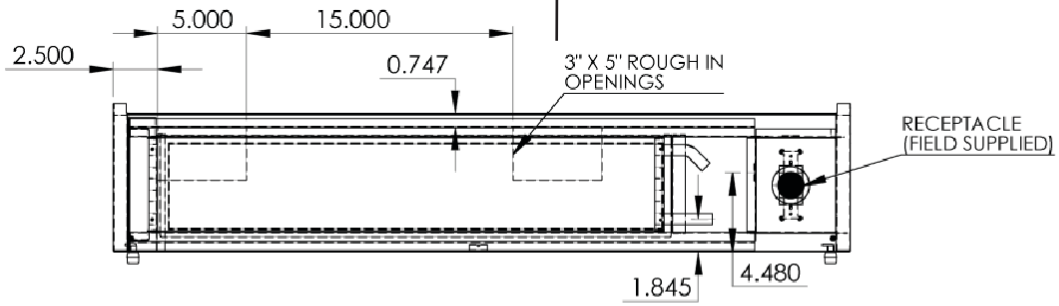


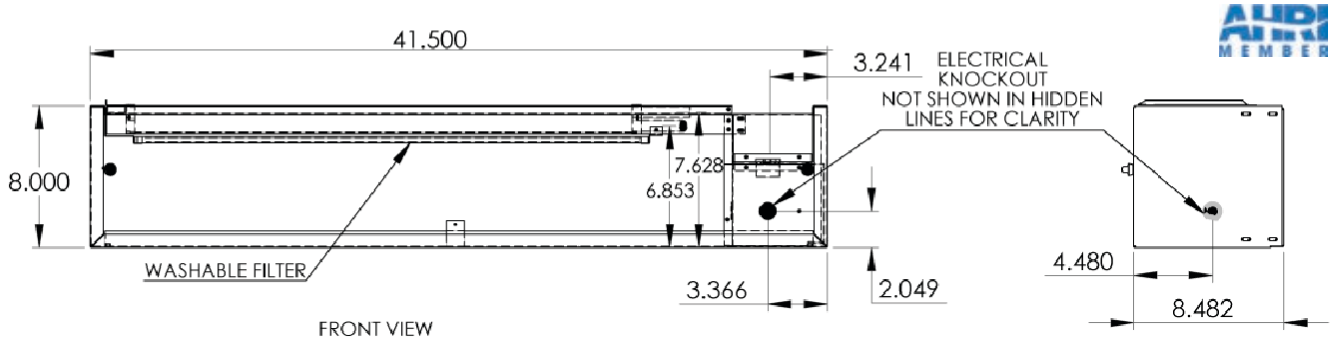
Chassis Slides into
Standard 16" x 42" sleeve





Hydronic Subbase





NFW for hydronic subbase coil

+/- extendair duct kits

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

Applied Comfort

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	60	1.1	15	N/A	7300	11.8	0.9	0.85	1.0	N/A	N/A	N/A	310	265	90	172
	230 - 208		3.7	15				2.8/3.0									
NFWC09S00E0	115	"	1.1	15	N/A	9600	11.3	0.9	0.78	2.0	"	"	"	360	310	"	"
	230 - 208		5.3	15				3.8/4.0									
NFWC09S25E0	115	"	1.1	15	N/A	"	"	0.9	"	2.0	"	"	"	"	"	"	"
	230 - 208		13.8	15				3.8/4.0			8900/7300	2.5/2.1	11.4/10.4				
NFWC09S34E0	115	"	1.1	15	N/A	"	"	0.9	"	2.0	N/A	N/A	N/A	"	"	"	"
	230 - 208		18.6	20				3.8/4.0			12000/9900	3.4.2.8	15.3/14.0				
NFWC12S00E0	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	15				5.6/5.8									
NFWC15S00E0	115	"	1.1	15	N/A	14800	9.8	0.9	0.66	4.5	"	"	"	"	"	"	"
	230 - 208		9.5	15				7.1/7.3									
NFWC17S00E0	115	"	1.2	15	N/A	16100	8.4	1.0	0.65	5.0	"	"	"	410	370	"	"
	230 - 208		11.7	15				8.7/8.9									
NFWC07U00E0	115	"	1.1	15	N/A	7300	11.8	0.9	0.85	1.0	"	"	"	310	265	"	"
	277		3.4	15				2.6									
NFWC09U00E0	115	"	1.1	15	N/A	9600	11.3	0.9	0.78	2.0	"	"	"	360	310	"	"
	277		5.0	15				3.6									
NFWC12U00E0	115	"	1.1	15	N/A	12600	10.6	0.9	0.70	3.4	"	"	"	"	"	"	"
	277		6.8	15				4.9									
NFWC15U00E0	115	"	1.1	15	N/A	14800	9.8	0.9	0.66	4.5	"	"	"	"	"	"	"
	277		8.4	15				6.2									
NFWC17U00E0	115	"	1.2	15	N/A	16100	8.4	1.0	0.65	5.0	"	"	"	"	"	"	"
	277		9.9	15				7.7									

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.

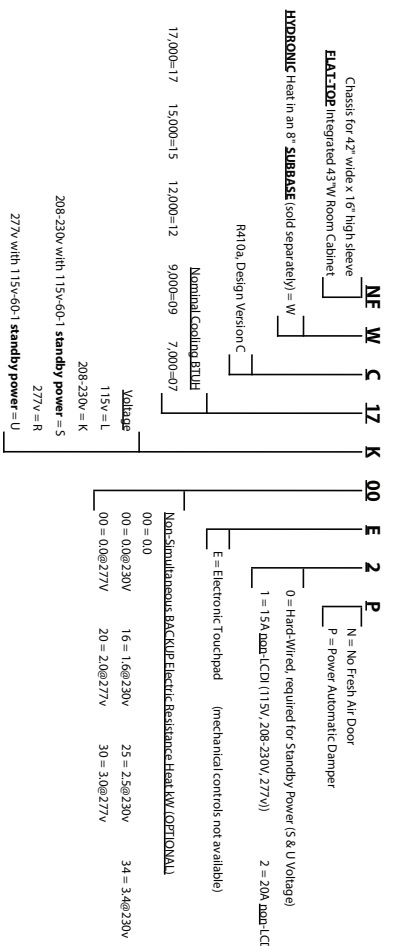
*Time Delay Fuse or HCAR Circuit Breaker ---- °Dry Coil

Hydronic Heat Performance

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

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.



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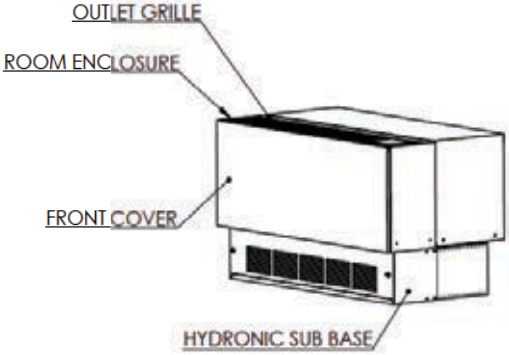
NORTH AMERICA



NFE electric heat +/- extendair duct kits

'FLAT TOP over subbase'
-- AC chassis with integrated FLAT cabinet and Electric Heat

Applied Comfort

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

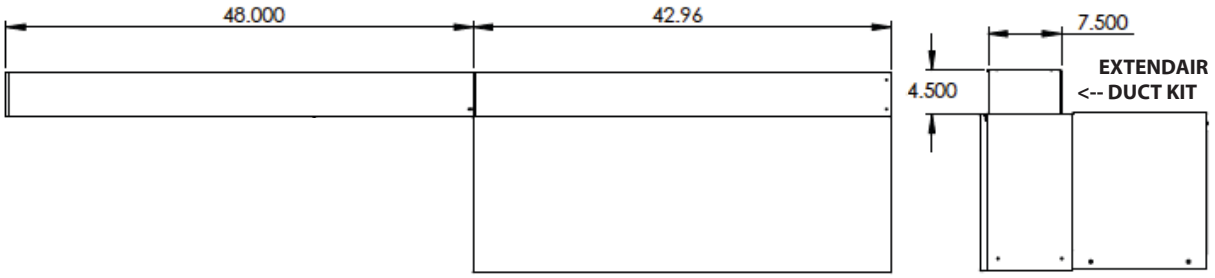
stamped grille and grille door powder-coated black

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

optional extendair duct kits

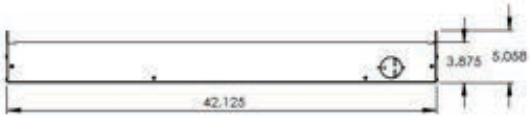
optional base skirts with receptacle

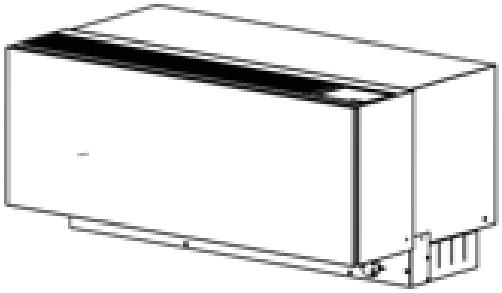
optional power fresh air damper door

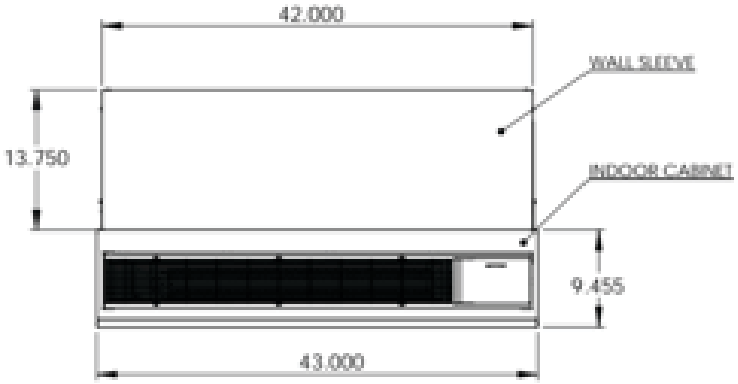


VERIFIED FOR ENERGY PERFORMANCE

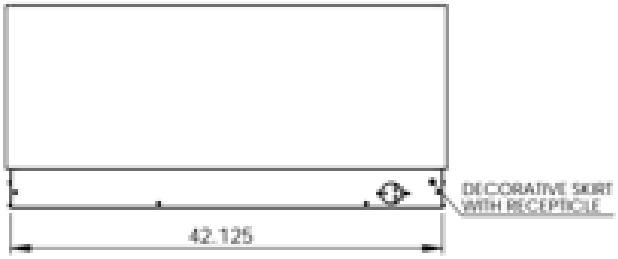
BASE SKIRT WITH RECEPTACLE

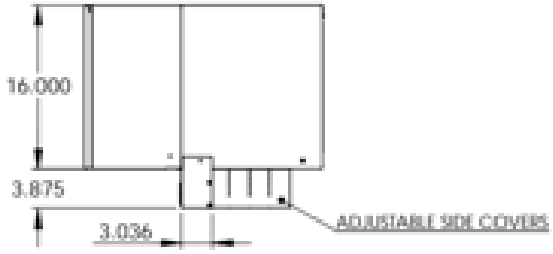






Chassis Slides into
Standard 16" x 42" sleeve





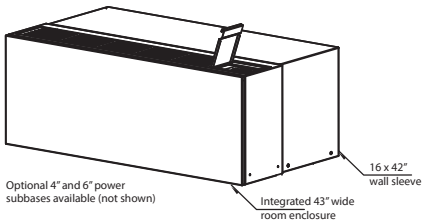
NFE electric heat +/- extendair duct kits

'FLAT TOP over subbase'
-- AC chassis with integrated FLAT cabinet and Electric Heat

Applied Comfort

NF E C 17 K 50 E 8 N

- NF: Chassis for 42" wide x 16" high sleeve; **FLAT-TOP** Integrated 43"W Room Cabinet
- E: Electric Heat = E
- C: R410a, Design Version C
- 17: Nominal Cooling BTUH — 17,000=17; 15,000=15; 12,000=12; 9,000=09; 7,000=07
- K: Voltage — 115v = L; 208-230v = K; 277v = R
- 50: Electric Resistance Heat kW — 00 = 0.0; 00 = 0.0@230V; 16 = 1.6@230v; 25 = 2.5@230v; 34 = 3.4@230v; 50 = 5.0@230v; 00 = 0.0@277V; 20 = 2.0@277v; 30 = 3.0@277v; 40 = 4.0@277v
- E: E = Electronic Touchpad (mechanical controls not available)
- 8: 6 = 15A LCDI (115V, 208-230V); 7 = 20A LCDI (115V, 208-230V); 8 = 30A LCDI (115V, 208-230V); 1 = 15A non-LCDI (277V); 2 = 20A non-LCDI (277V)
- N: N = No Fresh Air Door; M = Mechanical Fresh Air Door; P = Power Automatic Damper



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

CORD-CONNECTED. LCDI full-length Cord for conncetion 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.

CSA C US

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Made in NORTH AMERICA

AHRI MEMBER

NYW for hydronic top coil

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

Applied Comfort

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

mechanical
or electronic controls

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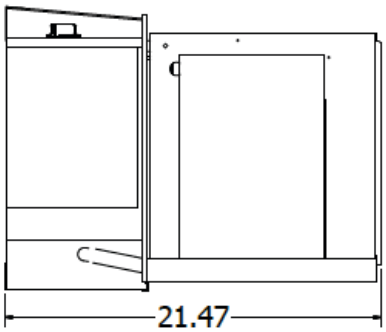
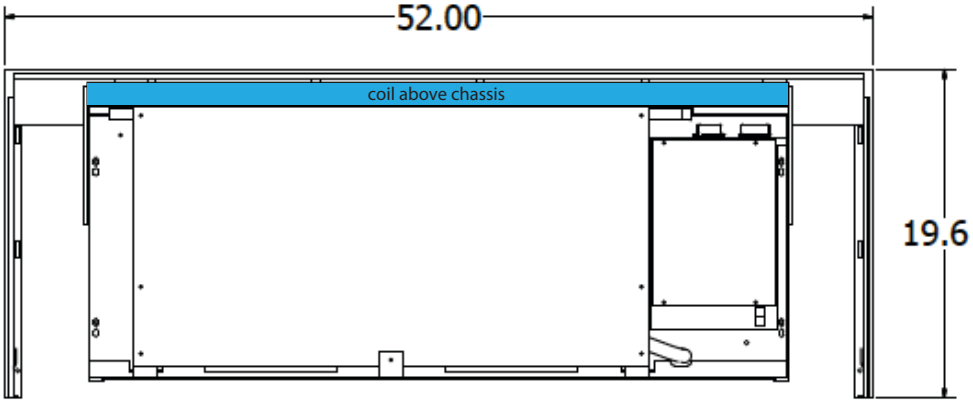
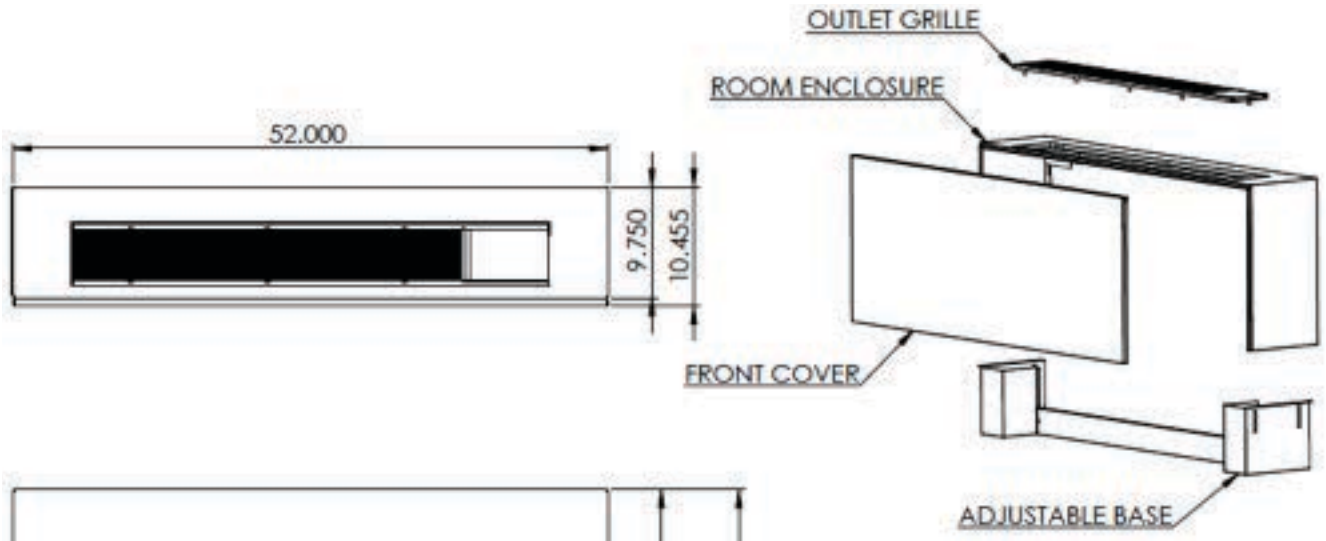
AHRI MEMBER







NYW for hydronic top coil

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

Applied Comfort

AHRI MEMBER

CSA VERIFIED FOR ENERGY PERFORMANCE

Made in NORTH AMERICA

c SA us

NY W C 17 K 00 E 2 P

- NY: Chassis for 42" wide x 16" high sleeve; Room Cabinet Mounted Over Top of Coil (sold separately)
- W: **HYDRONIC** Heat Coil mounted **ABOVE** chassis (sold separately) = W
- C: R410a, Design Version C
- 17: Nominal Cooling BTUH — 17,000=17; 15,000=15; 12,000=12; 9,000=09; 7,000=07
- K: Voltage — 115v = L; 208-230v = K; 208-230v with 115v-60-1 **standby power** = S; 277v = R; 277v with 115v-60-1 **standby power** = U
- 00: Electric Resistance Heat kW — 00 = 0.0
- E: E = Electronic Touchpad; S = Mechanical Rotary Controls
- 2: 0 = Hard-Wired, required for Standby Power (S & U); 1 = 15A non-LCDI (277v only); 2 = 20A non-LCDI (277v only); 6 = 20A LCDI (115v or 208-230v); 7 = 20A LCDI (115v or 208-230v)
- P: N = No Fresh Air Door; M = Mechanical Fresh Air Door; P = Power Automatic Damper

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 15Amp 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	115 230 - 208	"	1.1 3.7	15	N/A	7300	11.8	0.9 2.8/3.0	0.83	1.1	N/A	N/A	N/A	310	265	90	150
NYWC09S00E0	115 230 - 208	"	1.1 5.3	15	N/A	9600	11.3	0.9 3.8/4.0	0.73	2.2	N/A	N/A	N/A	310	265	"	"
NYWC12S00E0	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	"	"
NYWC15S00E0	115 230 - 208	"	1.1 9.5	15	N/A	14800	10.6	0.9 7.1/7.3	0.66	4.5	N/A	N/A	N/A	360	310	"	"
NYWC17S00E0	115 230 - 208	"	1.2 11.7	15	N/A	16100	8.4	1 8.7/8.9	0.65	5.0	N/A	N/A	N/A	410	370	"	"
NYWC07U00E0	115 277	"	1.1 3.4	15	N/A	7300	11.8	0.9 2.6	0.83	0.8	N/A	N/A	N/A	360	310	"	"
NYWC09U00E0	115 277	"	1.1 5.0	15	N/A	9600	11.3	0.9 3.6	0.73	1.9	N/A	N/A	N/A	360	310	"	"
NYWC12U00E0	115 277	"	1.1 6.8	15	N/A	12600	10.6	0.9 4.9	0.7	3.4	N/A	N/A	N/A	360	310	"	"
NYWC15U00E0	115 277	"	1.1 8.4	15	N/A	14800	9.8	0.9 6.2	0.66	4.5	N/A	N/A	N/A	360	310	"	"
NYWC17U00E0	115 277	"	1.2 9.9	15	N/A	16100	8.4	1 7.7	0.65	5.0	N/A	N/A	N/A	410	370	"	"

*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	115 230-208	"	18100	17100	1.9	3.5	21600	20400	"	"
NYWC17S	115 230-208	"	18900	18100	2.0	3.6	22500	21700	"	"
NYWC07U,09U,12U,15U	115 277	"	18100	17100	1.8	3.4	21400	19900	"	"
NYWC17U	115 277	"	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 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.

Receptacle // Prise