

> NF SERIES

Packaged Terminal Air Conditioner

Applied Comfort's NF Series is designed and engineered with durability in mind. It features a robust high static dual inlet blower that is located in both the condenser, and evaporator sections. This design allows for optional airflow and will maintain a low noise operation for its users. This design is a flat top and offers optional ExtendAir duct kits that allow a more flexible installation and air distribution.

Sleeve Size: Industry Standard 16" X 42"



Features

Easy to Configure

Dipswitches and simple LED touchpad controls make versatile and the chassis easy to configure for specific applications.

Front Desk Ready

Front desk control through 24VAC control protocol.

Fan Cycle Control

Select continuous fan or fan cycling.

Electronic Temperature Limits

Flexible heating and cooling range limits.

Random Compressor Restart

Prevent power surges after power outages.

Power Fresh Air Dampers

Optional filtered fresh air damper opens and closes automatically with the evaporator blower.

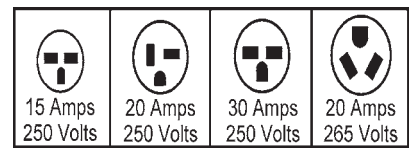
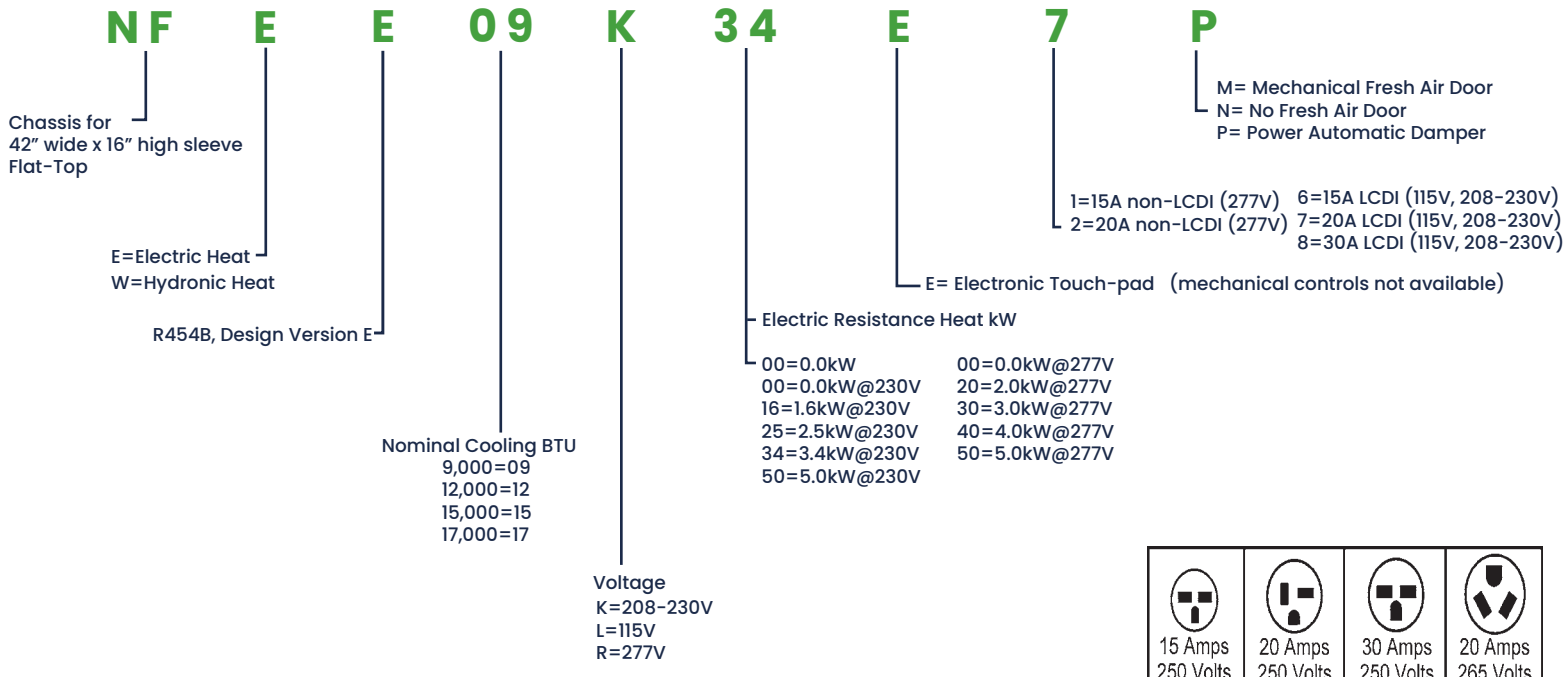
Quiet Condenser Section

Large slow-turning dual-inlet blower integrated into an enclosed condenser section ensures lowest sound transmission into room.



1st year parts and labor.
2nd to 6th year sealed system parts.
Free shipping on warranty parts.
(Canada + Continental USA)
Additional extended warranty for purchase.

Distributed by:



NFEE Air Conditioner with Electric Resistance Backup Heat (277V).

Model	Cooling				Resistance Heat			S/T	Pts/hr	Min Circuit Amps	MOP* Fuse Amps	Electrical Plug (Nema)	Indoor CFM HIGH	Indoor CFM LOW	Net Wt lbs.
	Voltage	BTU / Hr.	EER	Amps	BTH / Hr	kW	Amps								
NFEE09R00E2	277	9200	11.4	3.2	N/A	N/A	N/A	0.82	1.8	5.6	15	#7-20P	380	335	138
NFEE09R20E2	277	9200	11.4	3.2	7200	2.0	7.6	0.82	1.8	9.5	15	#7-20P	380	335	138
NFEE09R30E2	277	9200	11.4	3.2	10600	3.0	11.2	0.82	1.8	14.0	15	#7-20P	380	335	138
NFEE09R40E2	277	9200	11.4	3.2	14000	4.0	14.8	0.82	1.8	18.5	20	#7-20P	380	335	138
NFEE12R00E2	277	12400	10.5	4.6	N/A	N/A	N/A	0.72	3.3	7.0	15	#7-20P	380	335	138
NFEE12R20E2	277	12400	10.5	4.6	7200	2.0	7.6	0.72	3.3	9.5	15	#7-20P	380	335	138
NFEE12R30E2	277	12400	10.5	4.6	10600	3.0	11.2	0.72	3.3	14.0	15	#7-20P	380	335	138
NFEE12R40E2	277	12400	10.5	4.6	14000	4.0	14.8	0.72	3.3	18.5	20	#7-20P	380	335	138
NFEE15R00E2	277	14400	9.8	5.7	N/A	N/A	N/A	0.67	4.4	8.3	15	#7-20P	380	335	138
NFEE15R20E2	277	14400	9.8	5.7	7200	2.0	7.6	0.67	4.4	9.5	15	#7-20P	380	335	138
NFEE15R30E2	277	14400	9.8	5.7	10600	3.0	11.2	0.67	4.4	14.0	15	#7-20P	380	335	138
NFEE15R40E2	277	14400	9.8	5.7	14000	4.0	14.8	0.67	4.4	18.5	20	#7-20P	380	335	138
NFEE17R00E2	277	15500	9.7	6.2	N/A	N/A	N/A	0.69	4.5	10.3	15	#7-20P	425	395	138
NFEE17R20E2	277	15500	9.7	6.2	7200	2.0	7.6	0.69	4.5	10.3	15	#7-20P	425	395	138
NFEE17R30E2	277	15500	9.7	6.2	10600	3.0	11.2	0.69	4.5	14.2	15	#7-20P	425	395	138
NFEE17R40E2	277	15500	9.7	6.2	14000	4.0	14.8	0.69	4.5	18.7	20	#7-20P	425	395	138

*Time Delay Fuse or HACR Circuit Breaker
°Dry Coil
Not to be used with a duct system

NFEE Air Conditioner with Electric Resistance Backup Heat (115 and 230-208V).

Model	Cooling				Resistance Heat			S/T	Pts/hr	Min. Circuit Amps	MOP* Fuse Amps	Electrical Plug (Nema)	Indoor CFM HIGH	Indoor CFM LOW	Net Wt. lbs.
	Voltage	BTU / Hr.	EER	Amps	BTH / Hr	kW	Amps								
NFEE09L00E6	115	9200	11.4	7.7	N/A	N/A	N/A	0.82	1.8	11.7	15	#5-15P	380	335	138
NFEE09L00E7	115	9200	11.4	7.7	N/A	N/A	N/A	0.82	1.8	11.7	15	#5-20P	380	335	138
NFEE12L00E7	115	12400	10.5	11.0	N/A	N/A	N/A	0.72	3.3	17.0	20	#5-20P	380	335	138
NFEE09K00E6	230-208	9200	11.4	3.8/4.0	N/A	N/A	N/A	0.82	1.8	6.2	15	#6-15P	390/375	345/315	138
NFEE09K00E7	230-208	9200	11.4	3.8/4.0	N/A	N/A	N/A	0.82	1.8	6.2	20	#6-20P	390/375	345/315	138
NFEE09K16E7	230-208	9200	11.4	3.8/4.0	5700/4700	1.6/1.3	7.4/7.6	0.82	1.8	9.2	20	#6-20P	390/375	345/315	138
NFEE09K25E6	230-208	9200	11.4	3.8/4.0	8900/7300	2.5/2.1	11.4/10.4	0.82	1.8	14.1	15	#6-15P	390/375	345/315	138
NFEE09K25E7	230-208	9200	11.4	3.8/4.0	8900/7300	2.5/2.1	11.4/10.4	0.82	1.8	14.1	20	#6-20P	390/375	345/315	138
NFEE09K34E7	230-208	9200	11.4	3.8/4.0	12000/9900	3.4/2.8	15.3/14.0	0.82	1.8	19.0	20	#6-20P	390/375	345/315	138
NFEE09K50E8	230-208	9200	11.4	3.8/4.0	17400/14300	5.0/4.1	22.3/20.3	0.82	1.8	27.7	30	#6-30P	390/375	345/315	138
NFEE12K00E6	230-208	12400	10.5	5.5/5.8	N/A	N/A	N/A	0.72	3.3	8.7	15	#6-15P	390/375	345/315	138
NFEE12K00E7	230-208	12400	10.5	5.5/5.8	N/A	N/A	N/A	0.72	3.3	8.7	20	#6-20P	390/375	345/315	138
NFEE12K16E7	230-208	12400	10.5	5.5/5.8	5700/4700	1.6/1.3	7.4/6.7	0.72	3.3	9.2	20	#6-20P	390/375	345/315	138
NFEE12K25E6	230-208	12400	10.5	5.5/5.8	8900/7300	2.5/2.1	11.4/10.4	0.72	3.3	14.1	15	#6-15P	390/375	345/315	138
NFEE12K25E7	230-208	12400	10.5	5.5/5.8	8900/7300	2.5/2.1	11.4/10.4	0.72	3.3	14.2	20	#6-20P	390/375	345/315	138
NFEE12K34E7	230-208	12400	10.5	5.5/5.8	12000/9900	3.4/2.8	15.3/14.0	0.72	3.3	19.0	20	#6-20P	390/375	345/315	138
NFEE12K50E7	230-208	12400	10.5	5.5/5.8	17400/14300	5.0/4.1	22.3/20.3	0.72	3.3	27.7	30	#6-30P	390/375	345/315	138
NFEE15K00E6	230-208	14400	9.8	6.8/7.2	N/A	N/A	N/A	0.67	4.4	10.6	15	#6-15P	390/375	345/315	138
NFEE15K00E7	230-208	14400	9.8	6.8/7.2	N/A	N/A	N/A	0.67	4.4	10.6	20	#6-20P	390/375	345/315	138
NFEE15K25E6	230-208	14400	9.8	6.8/7.2	8900/7300	2.5/2.1	11.4/10.4	0.67	4.4	14.1	15	#6-15P	390/375	345/315	138
NFEE15K25E7	230-208	14400	9.8	6.8/7.2	8900/7300	2.5/2.1	11.4/10.4	0.67	4.4	14.1	20	#6-20P	390/375	390/375	138
NFEE15K34E7	230-208	14400	9.8	6.8/7.2	12000/9900	3.4/2.8	15.3/14.0	0.67	4.4	19.0	20	#6-20P	390/375	345/315	138
NFEE15K50E8	230-208	14400	9.8	6.8/7.2	17400/14300	5.0/4.1	22.3/20.3	0.67	4.4	27.7	30	#6-30P	390/375	345/315	138
NFEE17K00E6	230-208	15500	9.7	7.4/7.8	N/A	N/A	N/A	0.69	4.5	11.6	15	#6-15P	435/425	395/375	138
NFEE17K00E7	230-208	15500	9.7	7.4/7.8	N/A	N/A	N/A	0.69	4.5	11.6	20	#6-20P	435/425	395/375	138
NFEE17K25E6	230-208	15500	9.7	7.4/7.8	8900/7300	2.5/2.1	11.5/10.4	0.69	4.5	14.3	15	#6-15P	435/425	395/375	138
NFEE17K25E7	230-208	15500	9.7	7.4/7.8	8900/7300	2.5/2.1	11.5/10.4	0.69	4.5	14.3	20	#6-20P	435/425	395/375	138
NFEE17K34E7	230-208	15500	9.7	7.4/7.8	12000/9900	3.4/2.8	15.4/14.0	0.69	4.5	19.2	20	#6-20P	435/425	395/375	138
NFEE17K50E8	230-208	15500	9.7	7.4/7.8	17400/14300	5.0/4.1	22.4/20.3	0.69	4.5	27.8	30	#6-30P	435/425	395/375	138

*Time Delay Fuse or HACR Circuit Breaker

°Dry Coil

Not to be used with a duct system

NFWE Air Conditioner with Hydronic/Electric Heat (230-208V and 277V).

Model	Cooling				Resistance Heat			S/T	Pts/hr	Min. Circuit Amps	MOP* Fuse Amps	Electrical Plug (Nema)	Indoor CFM HIGH	Indoor CFM LOW	Net Wt. lbs.
	Voltage	BTU / Hr.	EER	Amps	BTH / Hr	kW	Amps								
NFWE09K16E1	230-208	9200	11.4	3.9/4.1	5700/4700	1.6/1.3	7.5/6.8	0.82	1.8	9.3	15	#6-15P	370/350	325/300	138
NFWE09K16E2	230-208	9200	11.4	3.9/4.1	5700/4700	1.6/1.3	7.5/6.8	0.82	1.8	9.3	15	#6-20P	370/350	325/300	138
NFWE09K25E1	230-208	9200	11.4	3.9/4.1	8900/7300	2.5/2.1	11.4/10.4	0.82	1.8	14.2	15	#6-15P	370/350	325/300	138
NFWE09K25E2	230-208	9200	11.4	3.9/4.1	8900/7300	2.5/2.1	11.4/10.4	0.82	1.8	14.2	15	#6-20P	370/350	325/300	138
NFWE09K34E2	230-208	9200	11.4	3.9/4.1	12000/9900	3.4/2.8	15.3/13.9	0.82	1.8	19.1	20	#6-20P	370/350	325/300	138
NFWE12K16E1	230-208	12400	10.5	5.6/5.9	5700/4700	1.6/1.3	7.5/6.8	0.72	3.3	9.3	15	#6-15P	370/350	325/300	138
NFWE12K16E2	230-208	12400	10.5	5.6/5.9	5700/4700	1.6/1.3	7.5/6.8	0.72	3.3	9.3	15	#6-20P	370/350	325/300	138
NFWE12K25E1	230-208	12400	10.5	5.6/5.9	8900/7300	2.5/2.1	11.4/10.4	0.72	3.3	14.2	15	#6-15P	370/350	325/300	138
NFWE12K25E2	230-208	12400	10.5	5.6/5.9	8900/7300	2.5/2.1	11.4/10.4	0.72	3.3	14.2	15	#6-20P	370/350	325/300	138
NFWE12K34E2	230-208	12400	10.5	5.6/5.9	12000/9900	3.4/2.8	15.3/13.9	0.72	3.3	19.1	20	#6-20P	370/350	325/300	138
NFWE15K16E1	230-208	14400	9.8	6.9/7.3	5700/4700	1.6/1.3	7.5/6.8	0.67	4.4	10.7	15	#6-15P	370/350	325/300	138
NFWE15K16E2	230-208	14400	9.8	6.9/7.3	5700/4700	1.6/1.3	7.5/6.8	0.67	4.4	10.7	15	#6-20P	370/350	325/300	138
NFWE15K25E2	230-208	14400	9.8	6.9/7.3	8900/7300	2.5/2.1	11.4/10.4	0.67	4.4	14.2	15	#6-20P	370/350	325/300	138
NFWE15K25E1	230-208	14400	9.8	6.9/7.3	8900/7300	2.5/2.1	11.4/10.4	0.67	4.4	14.2	15	#6-15P	370/350	325/300	138
NFWE15K34E2	230-208	14400	9.8	6.9/7.3	12000/9900	3.4/2.8	15.3/13.9	0.67	4.4	19.1	20	#6-20P	370/350	325/300	138
NFWE17K16E1	230-208	15500	9.7	7.5/7.9	5700/4700	1.6/1.3	7.6/6.9	0.69	4.5	11.2	15	#6-15P	420/410	380/360	138
NFWE17K16E2	230-208	15500	9.7	7.5/7.9	5700/4700	1.6/1.3	7.6/6.9	0.69	4.5	11.2	15	#6-20P	420/410	380/360	138
NFWE17K25E2	230-208	15500	9.7	7.5/7.9	8900/7300	2.5/2.1	11.5/10.5	0.69	4.5	14.4	15	#6-20P	420/410	380/360	138
NFWE17K25E1	230-208	15500	9.7	7.5/7.9	8900/7300	2.5/2.1	11.5/10.5	0.69	4.5	14.4	15	#6-15P	420/410	380/360	138
NFWE17K34E2	230-208	15500	9.7	7.5/7.9	12000/9900	3.4/2.8	15.4/14.0	0.69	4.5	19.3	20	#6-20P	420/410	380/360	138
NFWE09R20E2	277	9200	11.4	3.3	7200	2.0	7.7	0.82	1.8	9.6	15	#7-20P	360	310	138
NFWE09R30E2	277	9200	11.4	3.3	10600	3.0	11.3	0.82	1.8	14.1	15	#7-20P	360	310	138
NFWE12R20E2	277	12400	10.5	4.7	7200	2.0	7.7	0.72	3.3	9.6	15	#7-20P	360	310	138
NFWE12R30E2	277	12400	10.5	4.7	10600	3.0	11.3	0.72	3.3	14.1	15	#7-20P	360	310	138
NFWE15R20E2	277	14400	9.8	5.8	7200	2.0	7.7	0.67	4.4	9.6	15	#7-20P	360	310	138
NFWE15R30E2	277	14400	9.8	5.8	10600	3.0	11.3	0.67	4.4	14.1	15	#7-20P	360	310	138
NFWE17R20E2	277	15500	9.7	6.3	7200	2.0	7.8	0.69	4.5	10.4	15	#7-20P	410	370	138
NFWE17R30E2	277	15500	9.7	6.3	10600	3.0	11.4	0.69	4.5	14.3	15	#7-20P	410	370	138

*Time Delay Fuse or HACR Circuit Breaker
Not to be used with a duct system

Hot Water and Steam Ratings (230-208V and 277V)

Model	Voltage	Hot Water Heat HIGH SPEED	Hot Water Heat LOW SPEED	Water Flow Rate	Water Pressure Drop	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
NFWE09K	230-208	16800/16500	16100/15600	1.73/1.70	.6	22700/22300	21700/21000	.07	<1
NFWE12K	230-208	16800/16500	16100/15600	1.73/1.70	.6	22700/22300	21700/21000	.07	<1
NFWE15K	230-208	16800/16500	16100/15600	1.73/1.70	.6	22700/22300	21700/21000	.07	<1
NFWE17K	230-208	17600/17400	17100/16800	1.82/1.80	.7	23800/23600	23000/22500	.07	<1
NFWE09R	277	16600	15800	1.72	.6	22500	21300	.07	<1
NFWE12R	277	16600	15800	1.72	.6	22500	21300	.07	<1
NFWE15R	277	16600	15800	1.72	.6	22500	21300	.07	<1
NFWE17R	277	17400	17000	1.80	.7	23600	22800	.07	<1

Maximum Steam Pressure: 5 psig.
Maximum Water Temperature: 210°F.
HIGH SPEED Hot Water Ratings based on ASHRAE/AHRI conditions of 70°F entering air, 200°F entering water and 180°F leaving water temperatures.
LOW SPEED Hot Water Ratings based on water flow rate set for HIGH SPEED rating condition.
Steam ratings based on conditions of 70°F entering air, and 2 psig steam pressure with heat output automatically adjusting for blower speed.
Not to be used with a duct system.

NFWE Hydronic Series, permanently connected (230–208V and 277V).

Model	Cooling				Heating Amps	S/T	Pts/hr	Min. Circuit Amps	MOP* Fuse Amps	Electrical Plug (Nema)	Indoor CFM HIGH	Indoor CFM LOW	Net Wt. lbs.
	Voltage	BTU / Hr.	EER	Amps									
NFWE09L00E1	115	9200	11.4	7.9	1.0	0.82	1.8	11.9	15	#5-15P	360	310	135
NFWE09L00E2	115	9200	11.4	7.9	1.0	0.82	1.8	11.9	15	#5-20P	360	310	135
NFWE12L00E2	115	124000	105	11.2	1.0	0.72	3.3	17.2	20	#5-20P	360	310	135
NFWE09K00E1	230-208	9200	11.4	3.9/4.1	.5	0.82	1.8	6.2	20	#6-15P	370/350	325/300	135
NFWE09K00E2	230-208	9200	11.4	3.9/4.1	.5	0.82	1.8	6.2	20	#6-20P	370/350	325/300	135
NFWE12K00E1	230-208	12400	10.5	5.6/5.9	.5	0.72	3.3	8.8	20	#6-15P	370/350	325/300	135
NFWE12K00E2	230-208	12400	10.5	5.6/5.9	.5	0.72	3.3	8.8	20	#6-20P	370/350	325/300	135
NFWE15K00E1	230-208	14400	9.8	6.9/7.3	.5	0.67	4.4	10.7	20	#6-15P	370/350	325/300	135
NFWE15K00E2	230-208	14400	9.8	6.9/7.3	.5	0.67	4.4	10.7	20	#6-20P	370/350	325/300	135
NFWE17K00E1	230-208	15500	9.7	7.5/7.9	.6	0.69	4.5	11.1	20	#6-15P	420/410	380/360	135
NFWE17K00E2	230-208	15500	9.7	7.5/7.9	.6	0.69	4.5	11.1	20	#6-20P	420/410	380/360	135
NFWE09R00E2	277	9200	11.4	3.3	.45	0.82	1.8	5.7	15	#7-20P	360	310	135
NFWE12R00E2	277	12400	10.5	4.7	.45	0.72	3.3	7.0	15	#7-20P	360	310	135
NFWE15R00E2	277	14400	9.8	5.8	.45	0.67	4.4	8.4	15	#7-20P	360	310	135
NFWE17R00E2	277	15500	9.7	6.3	.55	0.69	4.5	10.4	15	#7-20P	410	370	135

*Time Delay Fuse or HACR Circuit Breaker

°Dry Coil

Not to be used with a duct system

Hot Water and Steam Ratings (115V, 230–208V and 277V)

Model	Voltage	Hot Water Heat HIGH SPEED	Hot Water Heat LOW SPEED	Water Flow Rate	Water Pressure Drop	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
NFWE09L00	115	16600	15800	1.72	.6	22500	21300	.07	<1
NFWE12L00	115	16600	15800	1.72	.6	22500	21300	.07	<1
NFWE09K00	230-208	16800/16500	16100/15600	1.73/1.70	.6	22700/22300	21700/21000	.07	<1
NFWE12K00	230-208	16800/16500	16100/15600	1.73/1.70	.6	22300/21800	21100/20400	.07	<1
NFWE15K00	230-208	16800/16500	16100/15600	1.73/1.70	.6	22300/21800	21100/20400	.07	<1
NFWE17K00	230-208	17600/17400	17100/16800	1.82 / 1.80	.7	23800/23600	23000/22500	.07	<1
NFWE09R00	277	16600	15800	1.72	.6	22500	21300	.07	<1
NFWE12R00	277	16600	15800	1.72	.6	22500	21300	.07	<1
NFWE15R00	277	16600	15800	1.72	.6	22500	21300	.07	<1
NFWE17R00	277	17400	17000	1.80	.7	23600	22800	.07	<1

Maximum Steam Pressure: 5 psig.

Maximum Water Temperature: 210°F.

HIGH SPEED Hot Water Ratings based on ASHRAE/AHRI conditions of 70°F entering air, 200°F entering water and 180°F leaving water temperatures.

LOW SPEED Hot Water Ratings based on water flow rate set for HIGH SPEED rating condition.

Steam ratings based on conditions of 70°F entering air, and 2 psig steam pressure with heat output automatically adjusting for blower speed.

Not to be used with a duct system.

NFWE Hydronic Series with Standby Power (115V, 230-208V).

Model	Voltage	Hydronic Heating			Cooling			S/T	Pts/Hr	Min. Circuit Amps	MOP* Fuse Amps	Indoor CFM HIGH	Indoor CFM LOW	Net Wt lbs.
		Water BTU / Hr.	Steam BTU/Hr.	AMPS	Bth/hr	EER	AMPS							
NFWE09S00E0	115	16600	22500	1.0	9200	11.4	1.0	0.82	1.6	1.2	15	360	310	138
	N/A			3.0/3.2										
NFWE12S00E0	115	16600	22500	1.0	12400	10.5	1.0	0.72	3.3	1.2	15	360	310	138
	N/A			4.7/4.9										
NFWE15S00E0	115	16600	22500	1.0	14400	9.8	1.0	0.67	4.4	1.2	15	360	310	138
	N/A			6.1/6.4										
NFWE17S00E0	115	17400	23600	1.1	15500	9.7	1.1	0.69	4.5	1.3	15	410	370	138
	N/A			6.6/6.9										

*Time Delay Fuse or HACR Circuit Breaker.
 Maximum Steam Pressure: 5 psig
 Maximum Water Temperature: 210°F
 Maximum Water Pressure: 250 psig
 Maximum Output to Valve: 25 VA at 24VAC

NFWE Hydronic Series with Standby Power (115V,277V).

Model	Voltage	Hydronic Heating			Cooling			S/T	Pts/Hr	Min. Circuit Amps	MOP* Fuse Amps	Indoor CFM HIGH	Indoor CFM low	Net Wt lbs.
		Water BTU / Hr.	Steam BTU/Hr.	AMPS	Bth/hr	EER	AMPS							
NFWE09U00E0	115	17800	21400	1.0	9200	11.4	1.0	0.82	1.8	1.2	15	360	310	138
	N/A			2.9										
NFWE12U00E0	115	17800	21400	1.0	12400	10.5	1.0	.72	3.3	1.2	15	360	310	138
	N/A			4.3										
NFWE15U00E0	115	17800	21400	1.0	14400	9.8	1.0	.67	4.4	1.2	15	360	310	138
	N/A			5.4										
NFWE17U00E0	115	19000	22600	1.1	15500	9.7	1.0	.69	4.5	1.3	15	410	370	138
	N/A			5.8										

*Time Delay Fuse or HACR Circuit Breaker
 °Dry Coil



ACC42AAGRILLE-SILVER



ACC42SUBBASE1520



ACC42AASLEEVE



ACCNF_EXTENDAIR

Accessories:

- Electrical Subbase
- Grille
- Filter
- Sleeve
- Drain Kit
- Duct Kit

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Every effort has been made to ensure descriptions are correct at the time of print. Errors and omissions excepted. REV003

