

> 16 SERIES

Packaged Terminal Air Conditioner

Applied Comfort's 16 Series was re-engineered to prioritize a low noise operation and provide its users with a PTAC that is energy efficient. This series uses eco-friendly R454b refrigerant that doesn't compromise performance.



Made In North America



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

Sleeve Size:

Electric Heat: 37^{1/2} X 16"

Hydronic Heat: 41^{1/2} X 16"



Features

Controls

Electronic touch pad controls switchable to wall thermostat and EMS.

Fresh Door Options

These include an automatic power damper, mechanical, and no fresh air door options.

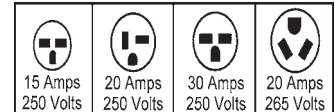
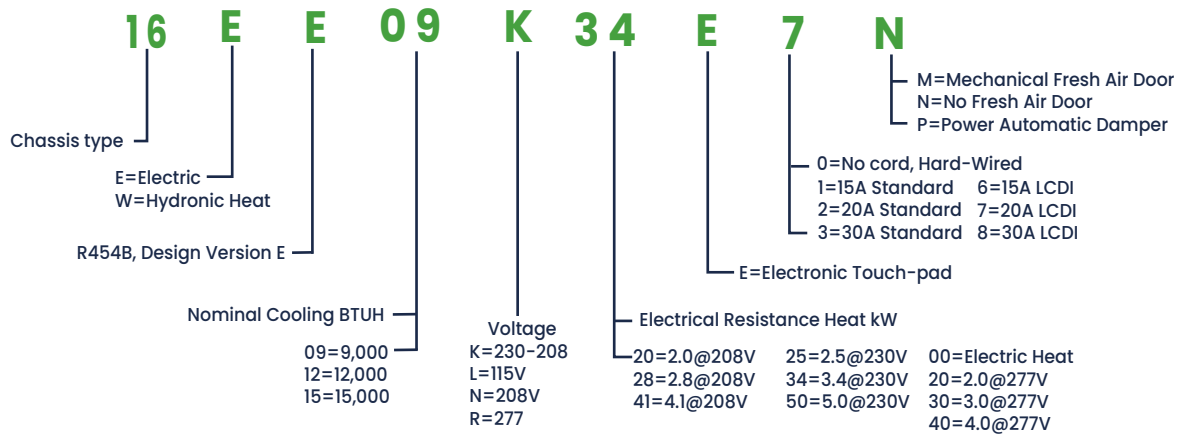
Noise Operation

This series comes with a low noise operation.

Environmental

The 16 Series uses a low GWP refrigerant (R454b) making it more environmentally friendly.

Distributed by:



16EE Air Conditioner with Electric Resistance Heat.
Non LCDI, Permanently Connected. Plugs into Hard-Wired Receptacle in Sub-base.

Model	Voltage	Cooling			Resistance Heat			S/T	Pts/hr	Min. Circuit Amps	Mop Fuse Amps	Electrical Plug	Indoor CFM H/L	Net Wt. lbs
		BTU/Hr	EER	Amps	BTH/Hr	Amps	kW							
16EE09L00E1	115	9200	10.5	8.0	N/A	N/A	N/A	0.79	1.9	12.2	15	5-15P	325/270	120
16EE09L00E2	115	9200	10.5	8.0	N/A	N/A	N/A	0.79	1.9	12.2	15	5-20P	325/270	120
16EE12L00E2	115	11400	8.8	11.4	N/A	N/A	N/A	0.70	3.0	15.8	20	5-20P	325/270	120
16EE09N00E2	208	9200	10.5	4.2	N/A	N/A	N/A	0.79	1.9	6.4	15	6-20P	315/250	120
16EE09N20E2	208	9200	10.5	4.2	7100	7.7	2.0	0.79	1.9	12.6	15	6-20P	315/250	120
16EE09N20E3	208	9200	10.5	4.2	7100	7.7	2.0	0.79	1.9	12.6	15	6-30P	315/250	120
16EE09N28E2	208	9200	10.5	4.2	9800	10.6	2.8	0.79	1.9	17.4	20	6-20P	315/250	120
16EE09N28E3	208	9200	10.5	4.2	9800	10.6	2.8	0.79	1.9	17.4	20	6-30P	315/250	120
16EE09N41E2	208	9200	10.5	4.2	14200	15.3	4.1	0.79	1.9	25.2	30	6-20P	315/250	120
16EE09N41E3	208	9200	10.5	4.2	14200	15.3	4.1	0.79	1.9	25.2	30	6-30P	315/250	120
16EE12N00E2	208	11400	8.8	6.0	N/A	N/A	N/A	0.70	3.0	8.1	15	6-20P	315/250	120
16EE12N20E2	208	11400	8.8	6.0	7100	7.7	2.0	0.70	3.0	12.6	15	6-20P	315/250	120
16EE12N20E3	208	11400	8.8	6.0	7100	7.7	2.0	0.70	3.0	12.6	15	6-30P	315/250	120
16EE12N28E2	208	11400	8.8	6.0	9800	10.6	2.8	0.70	3.0	17.4	20	6-20P	315/250	120
16EE12N28E3	208	11400	8.8	6.0	9800	10.6	2.8	0.70	3.0	17.4	20	6-30P	315/250	120
16EE12N41E2	208	11400	8.8	6.0	14200	15.3	4.1	0.70	3.0	25.2	30	6-20P	315/250	120
16EE12N41E3	208	11400	8.8	6.0	14200	15.3	4.1	0.70	3.0	25.3	30	6-30P	315/250	120
16EE15N00E2	208	13900	8.9	7.5	N/A	N/A	N/A	0.69	4.0	10.0	15	6-20P	375/315	120
16EE15N20E2	208	13900	8.9	7.5	7100	7.7	2.0	0.69	4.0	12.6	15	6-20P	375/315	120
16EE15N20E3	208	13900	8.9	7.5	7100	7.7	2.0	0.69	4.0	12.6	15	6-30P	375/315	120
16EE15N28E2	208	13900	8.9	7.5	9800	10.6	2.8	0.69	4.0	17.4	20	6-20P	375/315	120
16EE15N28E3	208	13900	8.9	7.5	9800	10.6	2.8	0.69	4.0	17.4	20	6-30P	375/315	120
16EE15N41E2	208	13900	8.9	7.5	14200	15.3	4.1	0.69	4.0	25.2	30	6-20P	375/315	120
16EE15N41E3	208	13900	8.9	7.5	14200	15.3	4.1	0.69	4.0	25.2	30	6-30P	375/315	120

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

16EE Air Conditioner with Electric Resistance Heat.
Non LCDI, Permanently Connected. Plugs into Hard-Wired Receptacle in Sub-base. (277V)

Model	Voltage	Cooling			Electric Resistance Heat			S/T	Pts/hr	Min. Circuit Amps	MOP Fuse Amps	Electrical Plug	Indoor CFM H/L	Net Wt lbs.
		BTU/Hr	EER	Amps	BTH/Hr	Amps	kW							
16EE09R00E2	277	9200	10.5	3.4	N/A	N/A	N/A	0.81	1.7	5.7	15	5-15P	385/330	120
16EE09R20E2	277	9200	10.5	3.4	7100	7.6	2.0	0.81	1.7	9.5	15	5-20P	385/330	120
16EE09R30E2	277	9200	10.0	3.4	10500	11.2	3.0	0.81	1.7	14.0	15	5-20P	385/330	120
16EE09R40E2	277	9200	10.5	3.4	13900	14.8	4.0	0.81	1.7	18.5	20	6-15P	385/330	120
16EE12R00E2	277	11400	8.8	4.8	N/A	N/A	N/A	0.74	3.3	6.5	15	6-20P	385/330	120
16EE12R20E2	277	11400	8.8	4.8	7100	7.6	2.0	0.74	3.3	9.5	15	6-15P	385/330	120
16EE12R30E2	277	11400	8.8	4.8	10500	11.2	3.0	0.74	3.3	14.0	15	6-20P	385/330	120
16EE12R40E2	277	11400	8.8	4.8	13900	14.8	4.0	0.74	3.3	18.5	20	6-20P	385/330	120
16EE15R00E2	277	13900	8.9	6.0	N/A	N/A	N/A	0.69	4.0	7.8	15	6-30P	385/330	120
16EE15R20E2	277	13900	8.9	6.0	7100	7.6	2.0	0.69	4.0	9.5	15	6-30P	385/330	120
16EE15R30E2	277	13900	8.9	6.0	10500	11.2	3.0	0.69	4.0	14.0	15	6-15P	385/330	120
16EE15R40E2	277	13900	8.9	6.0	13900	14.8	4.0	0.69	4.0	18.5	20	6-20P	385/330	120

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

16EE Air Conditioner with Electric Resistance Heat.
LCDI, Cord Connected. (115V, 208-230V)

Model	Voltage	Cooling			Electric Resistance Heat			S/T	Pts/hr	Min. Circuit Amps	MOP Fuse Amps	Electrical Plug	Indoor CFM HIGH	Indoor CFM LOW	Net Wt lbs.
		BTU/Hr	EER	Amps	BTH/Hr	Amps	kW								
16EE09L00E6	115	9200	10.5	8.0	N/A	N/A	N/A	0.78	1.9	12.2	15	5-15P	325	270	120
16EE09L00E7	115	9200	10.5	8.0	N/A	N/A	N/A	0.78	1.9	12.2	20	5-20P	325	270	120
16EE12L00E7	115	11400	8.8	11.4	N/A	N/A	N/A	0.70	3.0	15.8	20	5-20P	325	270	120
16EE09K00E6	230-208	9200	10.5	4.0/4.2	N/A	N/A	N/A	0.78	1.9	6.4	15	6-15P	340/315	280/250	120
16EE09K00E7	230-208	9200	10.5	4.0/4.2	N/A	N/A	N/A	0.78	1.9	6.4	20	6-20P	340/315	280/250	120
16EE09K25E6	230-208	9200	10.5	4.0/4.2	8800/7200	11.3/10.3	2.5/2.1	0.78	1.9	14.1	15	6-15P	340/315	280/250	120
16EE09K25E7	230-208	9200	10.5	4.0/4.2	8800/7200	11.3/10.3	2.5/2.1	0.78	1.9	14.1	20	6-20P	340/315	280/250	120
16EE09K34E7	230-208	9200	10.5	4.0/4.2	11800/9700	15.2/13.8	3.4/2.8	0.78	1.9	19.0	20	6-20P	340/315	280/250	120
16EE09K34E8	230-208	9200	10.5	4.0/4.2	11800/9700	15.2/13.8	3.4/2.8	0.78	1.9	19.0	30	6-30P	340/315	280/250	120
16EE09K50E8	230-208	9200	10.5	4.0/4.2	17300/14200	22.2/20.7	5.0/4.1	0.78	1.9	27.7	30	6-30P	340/315	280/250	120
16EE12K00E6	230-208	11400	8.8	5.7/6.0	N/A	N/A	N/A	0.70	3.0	8.1	15	6-15P	340/315	280/250	120
16EE12K00E7	230-208	11400	8.8	5.7/6.0	N/A	N/A	N/A	0.70	3.0	8.1	20	6-15P	340/315	280/250	120
16EE12K25E6	230-208	11400	8.8	5.7/6.0	8800/7200	11.3/10.3	2.5/2.1	0.70	3.0	14.1	15	6-20P	340/315	280/250	120
16EE12K25E7	230-208	11400	8.8	5.7/6.0	8800/7200	11.3/10.3	2.5/2.1	0.70	3.0	14.1	20	6-15P	340/315	280/250	120
16EE12K34E7	230-208	11400	8.8	5.7/6.0	11800/9700	15.2/13.8	3.4/2.8	0.70	3.0	19.0	20	6-20P	340/315	280/250	120
16EE12K34E8	230-208	11400	8.8	5.7/6.0	11800/9700	15.2/13.8	3.4/2.8	0.70	3.0	19.0	30	6-20P	340/315	280/250	120
16EE12K50E8	230-208	11400	8.8	5.7/6.0	17300/14200	22.2/20.1	5.0/4.1	0.70	3.0	27.7	30	6-30P	340/315	280/250	120
16EE15K00E6	230-208	13900	8.9	7.1/7.5	N/A	N/A	N/A	0.69	4.0	10.0	15	6-30P	395/375	340/315	120
16EE15K00E7	230-208	13900	8.9	7.1/7.5	N/A	N/A	N/A	0.69	4.0	10.0	20	6-15P	395/375	340/315	120
16EE15K25E6	230-208	13900	8.9	7.1/7.5	8800/7200	11.3/10.3	2.5/2.1	0.69	4.0	14.1	15	6-20P	395/375	340/315	120
16EE15K25E7	230-208	13900	8.9	7.1/7.5	8800/7200	11.3/10.3	2.5/2.1	0.69	4.0	14.1	20	6-15P	395/375	340/315	120
16EE15K34E7	230-208	13900	8.9	7.1/7.5	11800/9700	15.2/13.8	3.4/2.8	0.69	4.0	19.0	20	6-20P	395/375	340/315	120
16EE15K34E8	230-208	13900	8.9	7.1/7.5	11800/9700	15.2/13.8	3.4/2.8	0.69	4.0	19.0	30	6-30P	395/375	340/315	120
16EE15K50E8	230-208	13900	8.9	7.1/7.5	17300/14200	22.2/20.1	5.0/4.1	0.69	4.0	25.7	30	6-30P	395/375	340/315	120

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

16WE Air Conditioner with Hydronic Heat.

Permanently connected. Non LCDI, short cord plugs into hardwired receptacle in hydronic sleeve.

Model	Voltage	Cooling			Resistance Heat			S/T	Pts/Hr.	Min. Circuit Amps	MOP* Fuse Amps	Indoor CFM HIGH°	Indoor CFM LOW°	Net Wt. lbs.
		BTU / Hr.	EER	Amps	BTU/Hr.	kW	Amps							
16WE09L00E1	115	8900	10.2	8.2	N/A	N/A	1.4	0.79	1.9	12.8	15	310	260	120
16WE09L00E2	115	8900	10.2	8.2	N/A	N/A	1.4	0.79	1.9	12.8	15	310	260	120
16WE12L00E2	115	11700	9.2	11.6	N/A	N/A	1.4	0.70	3.0	16.4	20	370	315	120
16WE09K00E2	230-208	8900	10.2	4.2/4.3	N/A	N/A	0.6	0.79	1.9	6.6	15	325/300	270/240	120
16WE12K00E2	230-208	11700	9.2	5.9/6.1	N/A	N/A	0.6	0.70	3.0	8.3	15	380/355	325/300	120
16WE15K00E2	230-208	14100	9.1	7.3/7.6	N/A	N/A	0.6	0.69	4.0	10.2	15	380/355	325/300	120
16WE09R00E2	277	8900	10.2	3.5	N/A	N/A	0.5	0.81	1.7	5.9	15	370	315	120
16WE12R00E2	277	11700	9.2	4.9	N/A	N/A	0.5	0.70	3.0	6.6	15	370	315	120
16WE15R00E2	277	14100	9.1	6.1	N/A	N/A	0.5	0.69	4.0	8.0	15	370	315	120

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

Not to be used with a duct system

Hot Water and Steam Ratings

Model	Voltage	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 Press. Drop	Heating Current
		BTU / Hr.	BTU/Hr.	USGPM	Ft of Water	BTU/Hr.	BTU/Hr.	psi	Amps
16WE09L00E	115	18100	16500	1.9	1.7	24200	21800	0.25	<1
16WE12L00E	115	20100	18600	2.1	2.0	26700	24400	0.30	<1
16WE09K00E	230-208	18600/17700	16900/15800	1.9-1.8	1.8-1.6	24800/23700	22300/20800	0.25	<1
16WE12K00E	230-208	20500/19600	18900/18000	2.1-2.0	2.2-2.0	27100/26100	24800/23700	0.30	<1
16WE15K00E	230-208	20500/19600	18900/18000	2.1-2.0	2.2-2.0	27100/26100	24800/23700	0.30	<1
16WE09R00E	277	20100	18600	2.1	2.0	26700	24400	0.30	<1
16WE12R00E	277	20100	18600	2.1	2.0	26700	24400	0.30	<1
16WE15R00E	277	20100	18600	2.1	2.0	26700	24400	0.30	<1

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 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.



ACC16SLEEVE



ACC16WCSLEEVE



ACC16ECSUBBASE_1520



ACC16WCAAGRILLE-ANODIZED



ACC16WATERCOIL



ACC16AAGRILLE-ANODIZED

Accessories:

- ACC16AAGRILLE-ANODIZED
- ACC16WCAAGRILLE-ANODIZED
- ACC16SLEEVE
- ACC16WCSLEEVE
- ACC16ECSUBBASE_1520
- ACC16WCSUBBASE
- ACC16WATERCOIL

Applied Comfort Products Carver Inc.



1210 Balmoral Rd. Cambridge, Ontario N1T 1A5.

Toll Free: 1-877-227-7822

ptacs.com

Every effort has been made to ensure descriptions are correct at the time of print. Errors and omissions excepted. Rev02

**Applied
Comfort**