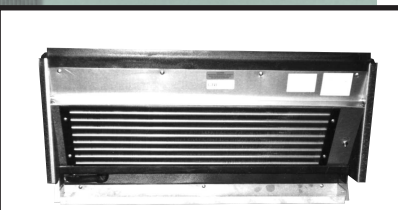
The *Tru-Fit*™ Series from CNI Replacement Chassis Packaged Terminal Air Conditioners/Heat Pumps

Dimensional and Engineering Data Specifications

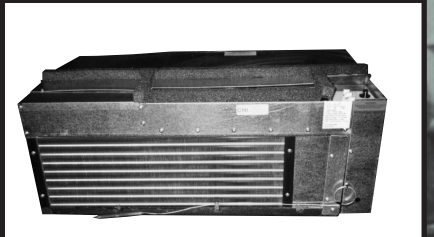
Made In the U.S.A.

Tru-Fit Replacement for Nesbitt® Modular Roommate



Tru-Fit Replacement for Nesbitt® Roommate PKG

Tru-Fit Replacement for Singer/McQuay Series S,RS, EA



Tru-Fit Replacement for AAF® Series 16

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Comitale National, Inc.

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Family owned and operated for three generations...

Comparing the

CNI *Tru-Fit* ™ chassis against the Competition

1.

All **CNI** chassis are provided with a hot gas bypass valve. This gives the product an added safety feature against freeze ups on the evaporator coil due to low ambient or a clogged filter. The competition does not provide this feature.

2.

All **CNI** refrigeration tubing is specially designed to eliminate noise transmission throughsheet metal. The competition does not, allowing higher noise level.

3.

All **CNI** water holding pans are fully protected with a mastic coating which repels water. The competition does not, which shortens the life of the product from corrosion.

4.

All wires in the **CNI** control box are fully insulated. This ensures of an unsurpassed amount of safety against electrical shorting. The competition uses exposed electrical terminals.

5.

All **CNI** sheet metal is of 18 gauge galvanized zinc plated steel. The base pan is 16 gauge galvanized. The competition uses lighter gauge steel to save money.

6.

All **CNI** chassis are provided with a low limiting thermostat. This gives the product an added safety against freeze ups on the evaporator coil due to low ambient or a clogged filter. The competition does not provide this feature.

7.

All CNI chassis use Sporlan thermostatic expansion valves. This allows the evaporator coil to be full under all load conditions. The competition uses a cheaper automatic expansion valve. This starves the evaporator at high load conditions and overfeeds it at low load conditions.

8.

All CNI chassis use what is known as Blow-Through design, which sends air through the coil. The competition uses a draw through method, which causes recirculation of condenser hot air and results in unit premature failure. This method also causes the unit to draw higher amperage which costs more money to operate and maintain. Also when using the propeller condenser fan method - ice will lock up the condenser fan preventing operation of the unit in the winter.

As you can see from the above list, CNI chassis provide you with standard features that the competition considers specials or are unable to provide. Our products are far superior in construction and quality.

Comitale National, Inc.

Family owned and operated for three generations.

Contents

Consult factory for products not listed.

Product Code Sheet

(Z in any box = Special)

Product Code
K-Replacement

Chassis Type
H = Heatpump
C = Cooling only

Nominal Size
07 - 7000 BTUH
09 - 9000 BTUH
12 - 12000 BTUH
15 - 15000 BTUH
18 - 18000 BTUH
22 - 22000 BTUH

Electrical Service
3 = 115/60/1
4 = 208/230/60/1
5 = 277/60/1

Heat Source
0 = Cooling only
D = Hydronic Heat
A = 2.5/3.0 KW
B = 3.3/4.0 KW
*C = 4.3/5.3 KW
**E = 5.3/5.8 KW

*Not available sizes 07 and 09

**Available size 22 only

Z = Specials
Outlined in Spec.

Thermostat Nominal Size
0 = Cooling only, Component Style Chassis
1 = Unit Mounted Manual Changeover
2 = Wall Mounted, Manual Changeover
*3 = Unit Mounted Automatic Changeover
*4 = Wall Mounted, Automatic Changeover
5 = Non-Programmable Wireless
6 = Programmable Wireless
*Not available on HP chassisK

Control Options
0 = None
1 = Night Set Back
2 = Remote Switching with Night Setback
3= Fan Cycle Switch (Heating Mode)
4= Auxiliary - Permanent Power
*Voltage needs to be determined for primary (Hydronic Heat Only)
Z = Consult Factory

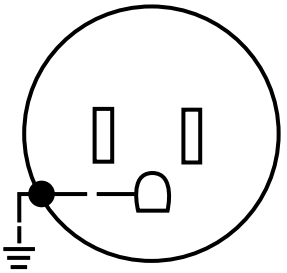
Design Sequence
RS Rotary Compressor
AS Reciprocating Compressor
AZ Special

The sample unit nomenclature above indicates a **CNI** Cooling Chassis for replacement of a McQuay Type "K"; 9000 BTUH, 208-230/60/1, Hydronic Heat, Unit Mounted, Manual Changeover, No Control Options, Standard Design and Rotary Compressor.

Mating Power Receptacles for CNI Integral Style Units

Integral Style - A complete, self-contained chassis consisting of motor assembly, heating and cooling system, along with a control box.

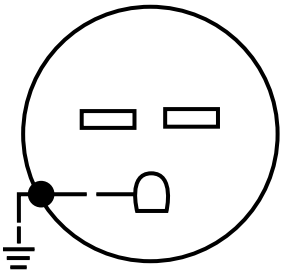
NEMA 5-15R (115V)



Service: 15 Amp Voltage: 115V

139-0100

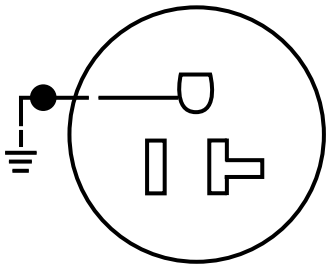
NEMA 6-15R (250V)



Service: 15 Amp Voltage: 208/230V

139-0011

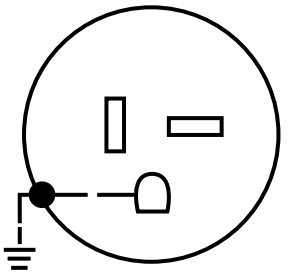
NEMA 5-20R (115V)



Service: 20 Amp Voltage: 115V

139-0101

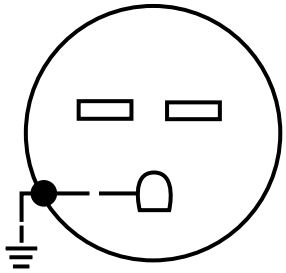
NEMA 6-20R (250V)



Service: 20 Amp Voltage: 208/230V

139-0018

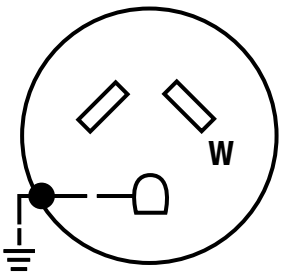
NEMA 6-30R (250V)



Service: 30 Amp Voltage: 208/230V

139-0010

NEMA 7-20R (277V)



Service: 20 Amp Voltage: 277V

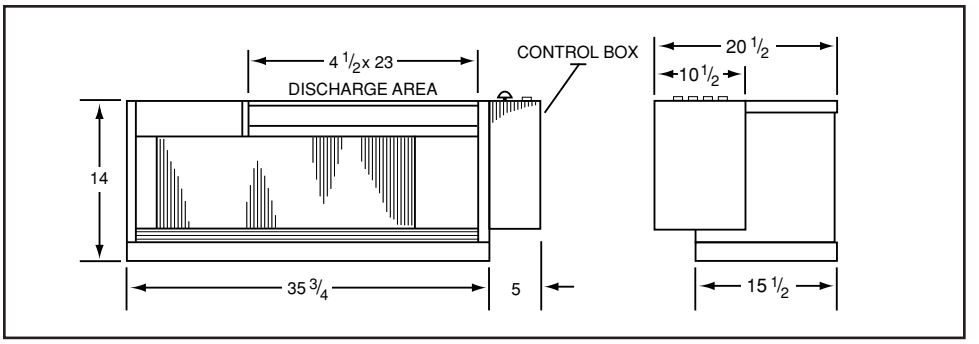
139-0012

Integral Style - A complete, self-contained chassis consisting of motor assembly, heating and cooling system, along with a control box.

TYPE CCCO SERIES

Replacement Packaged Terminal Air Conditioners

Replaces Original Nesbitt® and MSI® Challenger Cooling and Heatpump Chassis.

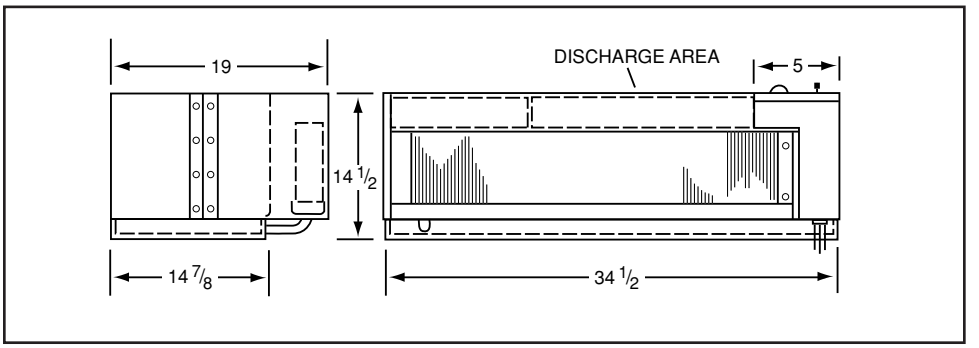


Select NEMA cord from page 5.

TYPE CAF16O SERIES

Replacement Packaged Terminal Air Conditioners

Replaces Original American Air Filter® Type 16, WY, YY, and ENERSAVER, Singer® and McQuay® Type ENH, ENR, PNES1, PNHS1 Cooling and Heatpump Chassis.

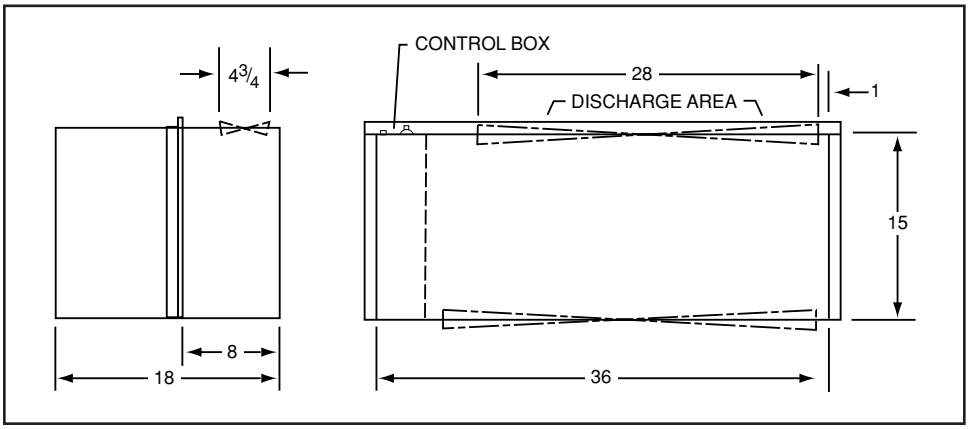


Select NEMA cord from page 5.

TYPE CTPIO SERIES

Replacement Packaged Terminal Air Conditioners

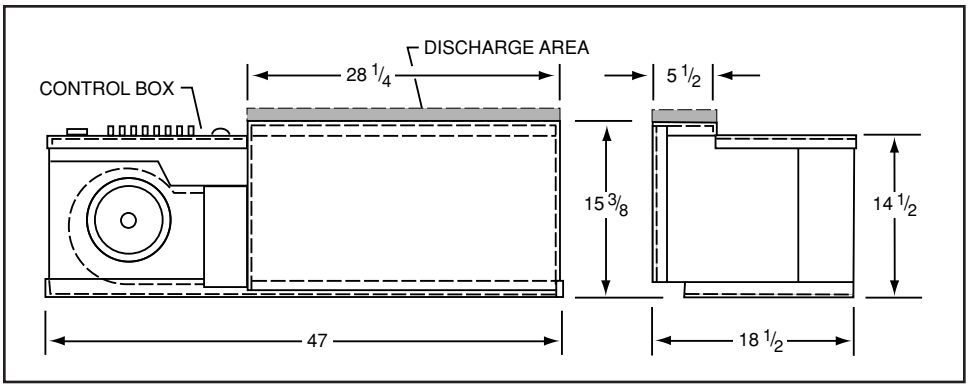
Replaces Original T.P.I.®, Cool Heat® Type RM, Climate Master® 702, 703,and 704 Type, Embassy Weather Twin®, Ice Cap® RSK Type, Kapsis®, Ra-Matic®, Beacon Morris® and ZoneAire® Corp. RM and SC Type Cooling and Heatpump Chassis.



Select NEMA cord from page 5.

TYPE CFOO SERIES

Replacement Packaged Terminal Air Conditioners

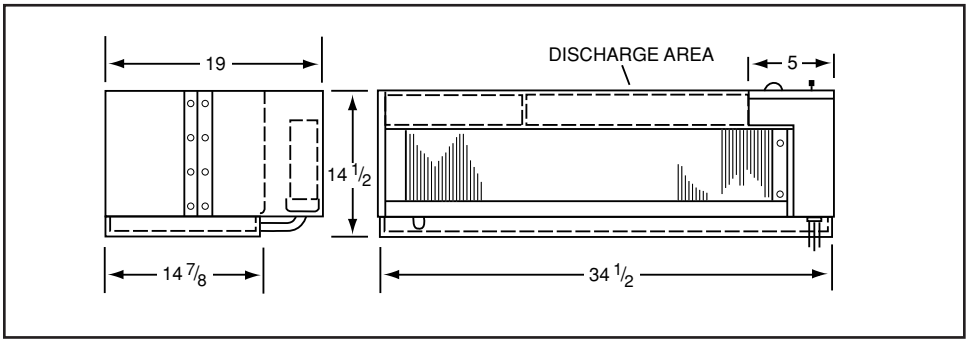


Replaces Original Fedders® Unizone, Climatrol®, Climazone® UVK, UVW, UVY and Airtemp® Tempzone Cooling and Heatpump Chassis.

Select NEMA cord from page 5.

TYPE CA45O SERIES

Replacement Packaged Terminal Air Conditioners

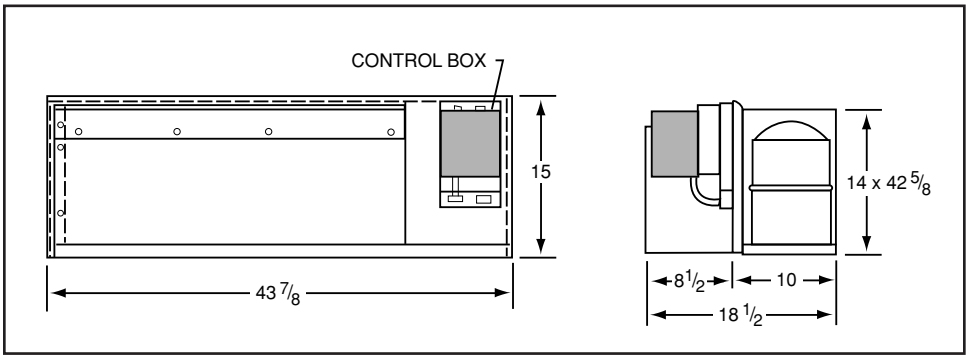


Replaces Original American Standard®, Singer® Type SG45 and 45, Carteret® Type 45, McQuay® Type PNES2 and PNHS2 Cooling and Heatpump Chassis.

Select NEMA cord from page 5.

TYPE CRSO SERIES

Replacement Packaged Terminal Air Conditioners



Replaces Original Singer® and McQuay® Type S, ES, RS, MQT PMES and PMRS Cooling and Heatpump Chassis.

Note advise factory:
Coil Placement - High or Low
Extendaire or Ducted Application.

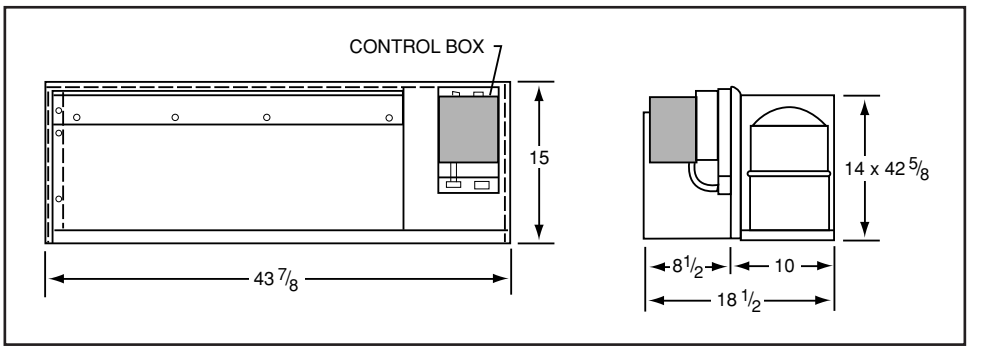
Select NEMA cord from page 5.

TYPE CEAFO SERIES

Replacement Packaged Terminal Air Conditioners

Replaces Original Singer® and McQuay® Type EA-F, MEA, MQA and PMES Cooling and Heatpump Chassis.

Note advise factory:
Extendaire or Ducted Application.

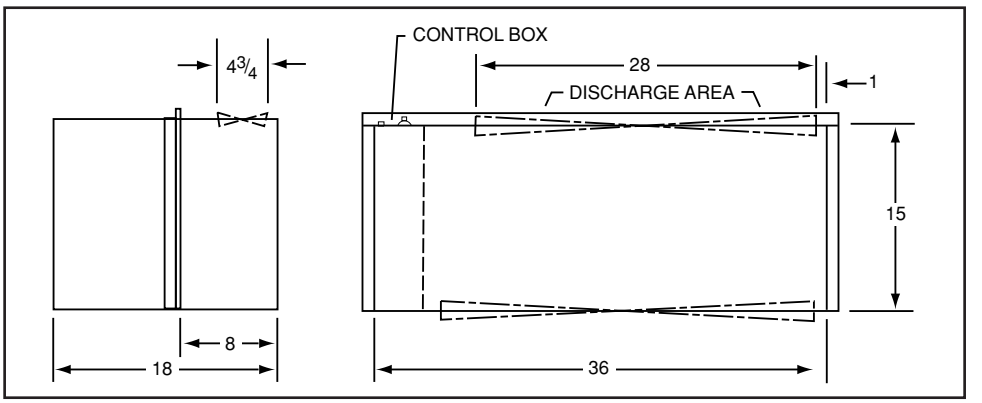


Select NEMA cord from page 5.

TYPE CSEAO/CSHAO SERIES

Replacement Packaged Terminal Air Conditioners

Replaces Original Heil Quaker® Type SEA and SHA Cooling and Heatpump Chassis.



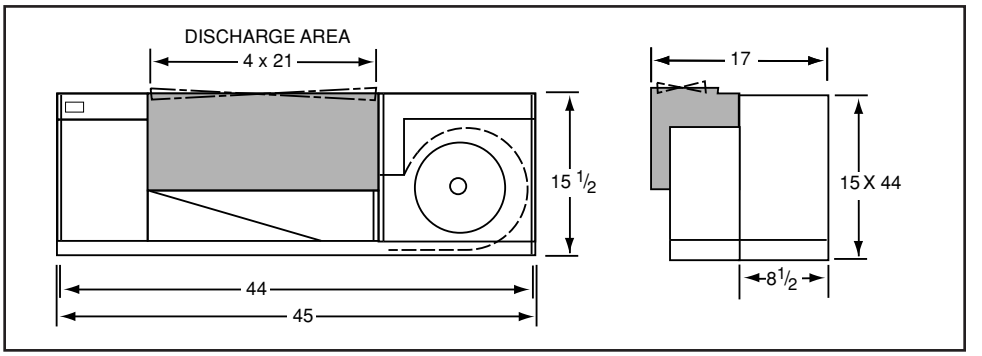
Select NEMA cord from page 5.

TYPE CEALO SERIES

Replacement Packaged Terminal Air Conditioners

Replaces Original Singer® and McQuay® Type EA-A/L.H., MEA, MQA and PMES Cooling and Heatpump Chassis.

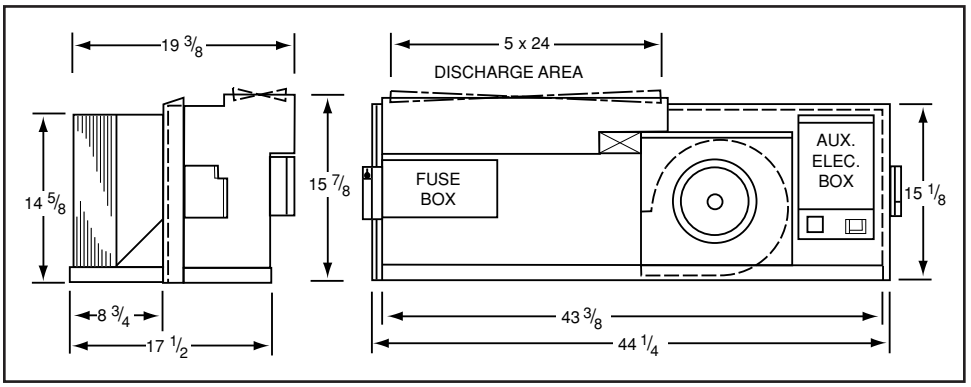
Note advise factory:
Extendaire or Ducted Application.



Select NEMA cord from page 5.

TYPE CEARO SERIES

Replacement Packaged Terminal Air Conditioners



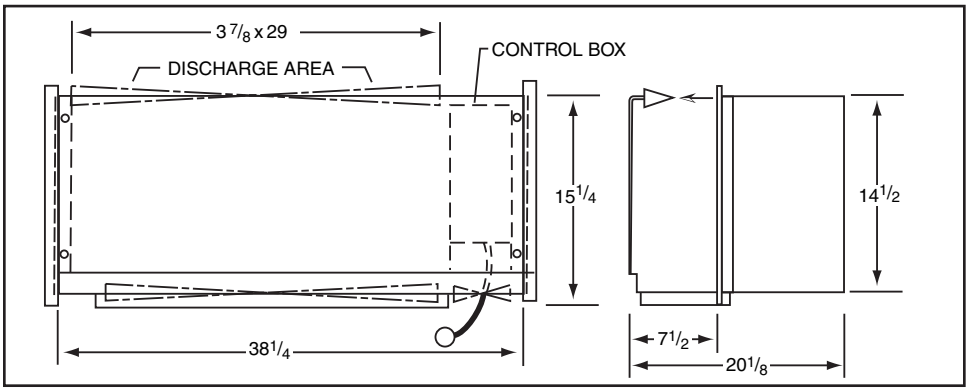
Replaces Original Singer® and McQuay® EA - A/R.H., MEA, MQA and PMES Cooling and Heatpump Chassis.

Note advise factory:
Extendaire or Ducted Application.

Select NEMA cord from page 5.

TYPE CWRBO SERIES

Replacement Packaged Terminal Air Conditioners



Replaces Original Westinghouse® and Coastal Products® Type RB Cooling and Heatpump Chassis.

Select NEMA cord from page 5.

Call* CNI *for more details and competitive pricing!

Ask about our Quick Shipment Program.

Think* CNI *for all of your replacement HVAC parts needs.

A lower cost alternative to all season comfort conditioning.
...More Reliability ...Less Maintenance ...Simpler Installation ...Higher Efficiency ...A Quieter Solution ...A Tru-Fit Quality and Comfort for many years to come!

Look to* CNI *for all of your Water Source Heat Pump needs, replacement, retrofit, or for new construction. Consult factory for additional information.

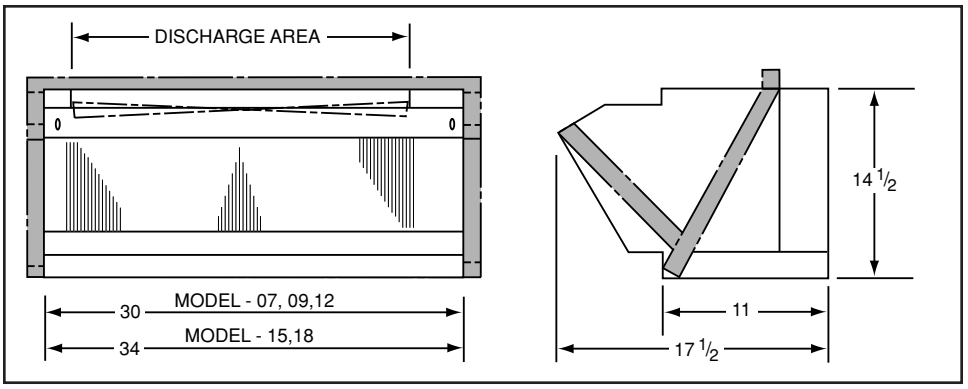
Model Numbers	07				09				12				15			18		
Nominal Capacity	7000				9000				12000				15000			18000		
Voltage	115	208	230	277	115	208	230	277	115	208	230	277	208	230	277	208	230	277
Cooling - Heat Pump and Cooling Only Chassis																		
COOLING (HI-FAN SPEED)[1]																		
Total Capacity (BTUH)	7300	7300	7300	7300	9000	9000	9000	9000	11800	11800	11800	11800	14939	14939	14939	17361	17361	17361
Sensible Capacity (BTUH)	6320	6320	6440	6440	7151	7151	7271	7271	8586	8586	8710	8710	10963	11083	11083	12022	12142	12142
ELECTRICAL DATA																		
Full Load Amps	6.8	3.6	3.3	2.7	8.7	4.6	4.1	3.9	11.4	6.4	5.8	4.8	7.6	6.9	6.0	9.2	8.5	7.4
Locked Rotor Amps	39.2	16.6	16.6	17.1	48.3	31.0	31.0	22.9	54.0	34.2	34.2	30.0	40.0	40.0	35.0	48.2	48.2	44.0
Full Load KW	.74	.74	.74	.74	.93	.93	.93	.93	1.24	1.24	1.24	1.24	1.57	1.57	1.57	1.89	1.89	1.89
EER (BTUH/Watt)	9.8	9.8	9.8	9.8	9.7	9.7	9.7	9.7	9.4	9.4	9.4	9.4	9.5	9.5	9.5	9.1	9.1	9.1
Power Factor %	98.0	98.0	97.0	98.0	90.7	90.7	90.6	92.6	98.0	99.0	98.9	99.0	98.6	97.5	97.7	92.7	92.3	92.2
Heating - Reverse Cycle Heat Pump Only																		
HEATING (HI-FAN SPEED)																		
Capacity (BTUH)	8400	8400	8400	8400	10200	10200	10200	10200	13300	13300	13300	13300	15500	15500	15500	18100	18100	18100
ELECTRICAL DATA																		
Full Load Amps	N/A	3.4	3.1	2.6	N/A	5.0	4.6	3.8	N/A	5.9	5.4	4.5	6.6	6.0	5.0	7.7	7.0	5.8
Locked Rotor Amps	N/A	16.6	16.6	17.1	N/A	31.0	31.0	22.9	N/A	34.2	34.2	30.0	40.0	40.0	35.0	48.2	48.2	44.0
Full Load KW	N/A	.68	.68	.68	N/A	.92	.92	.92	N/A	1.2	1.2	1.2	1.35	1.35	1.35	1.48	1.48	1.48
COP (Coefficient of Performance)	N/A	3.6	3.6	3.6	N/A	3.2	3.2	3.2	N/A	3.2	3.2	3.2	3.3	3.3	3.3	3.5	3.5	3.5
Power Factor %	N/A	95.7	95.3	94.4	N/A	88.5	87.1	87.4	N/A	97.8	96.6	96.3	98.3	97.8	97.5	92.4	91.9	92.1
Hydronic Heat																		
HEATING (HI-FAN SPEED)																		
Hot Water (BTUH)[2]	12,600				12,600				12,600				14,300			14,300		
Steam (BTUH)[3]	12,600				12,600				12,600				18,900			18,900		
Recommended Overcurrent Protection - Amperes																		
KILOWATTS																		
115	**208**	**230**	**277**															
2.5	2.5	—	—	19.6	14.4	—	—	19.6	14.4	—	—	19.6	14.4	—	—	14.4	—	—	14.4	—	—
—	—	3.0	3.0	—	—	15.3	12.5	—	—	15.3	12.5	—	—	15.3	12.5	—	15.3	12.5	—	15.3	12.5
—	3.3	—	—	—	18.3	—	—	—	18.3	—	—	—	18.3	—	—	18.3	—	—	18.3	—	—
—	—	4.0	4.0	—	—	19.6	16.1	—	—	19.6	16.1	—	—	19.6	16.1	—	19.6	16.1	—	19.6	16.1
—	4.3	—	—	—	—	—	—	—	—	—	—	—	23.1	—	—	23.1	—	—	23.1	—	—
—	—	5.3	5.3	—	—	—	—	—	—	—	—	—	—	25.2	20.8	—	25.2	20.8	—	25.2	20.8
Recommended Overcurrent Protection - Amperes																		
COOLING/HEAT PUMP CHASSIS																		
W/O Auxiliary Heating	15	10	10	10	15	10	10	10	15	15	15	15	15	15	15	20	20	15
With Auxiliary Heating																		
2.5 KW to 3.0 KW	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
3.3 KW to 4.0 KW	—	25	25	25	—	25	25	25	—	25	25	25	25	25	25	25	25	25
4.3 KW to 5.3 KW	—	—	—	—	—	—	—	—	—	30	35	30	30	35	30	30	35	30
Steam or Hot Water	15	10	10	10	15	10	10	10	15	15	15	15	15	15	15	20	20	15
Fan Motor Data																		
CFM-COOLING AND HEATING																		
High Speed	400				400				400				475			475		
Low Speed	325				325				325				350			350		
Ventilation	70				70				70				85			85		
Motor HP	1/4				1/4				1/4				1/4			1/4		

[1]80F DB/67F WB air entering evaporator; 95F DB/75F WB air entering condenser per ARI Std. 310-70. [2] 200F EWT/180F LWT at 2 GPM 70F EAT. [3] 2 PSI 70F EAT saturated steam.
CNI reserves the right to modify specifications without prior notice in its efforts to improve product quality. Wattage, Amperage & EER is based on compressor and condensing fan motor data.

Component Style - Consisting of separate; cooling chassis, heating section, evaporative motor-board assembly and control box.

TYPE CMRO SERIES

Replacement Packaged Terminal Air Conditioners

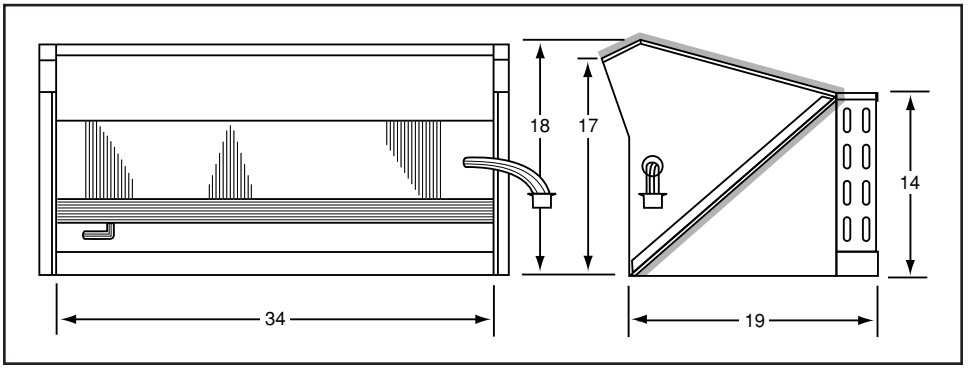


Replaces Original Nesbitt® and MSI® Modular Roommate Cooling and Heatpump Chassis.

Note advise factory:
Front panel slope or flat.
Wall sleeve high or low intake.

TYPE CRPO SERIES

Replacement Packaged Terminal Air Conditioners



Replaces Original Nesbitt® and MSI® Roommate PKG Cooling and Heatpump Chassis.

Call* CNI *for more details and competitive pricing!

Ask about our Quick Shipment Program.

Think* CNI *for all of your replacement HVAC parts needs.

A lower cost alternative to all season comfort conditioning.
...More Reliability ...Less Maintenance ...Simpler Installation ...Higher Efficiency ...A Quieter Solution ...A Tru-Fit Quality and Comfort for many years to come!

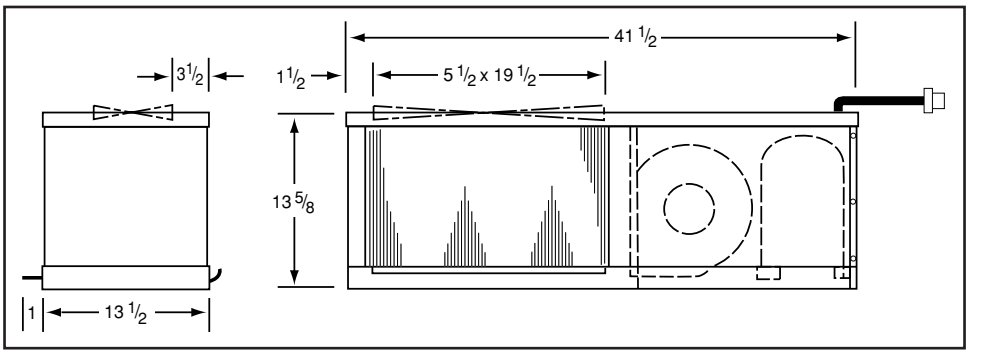
Look to* CNI *for all of your Water Source Heat Pump needs, replacement, retrofit, or for new construction. Consult factory for additional information.

Comitale National Inc.

TYPE CNIIIO SERIES

Replacement Packaged Terminal Air Conditioners

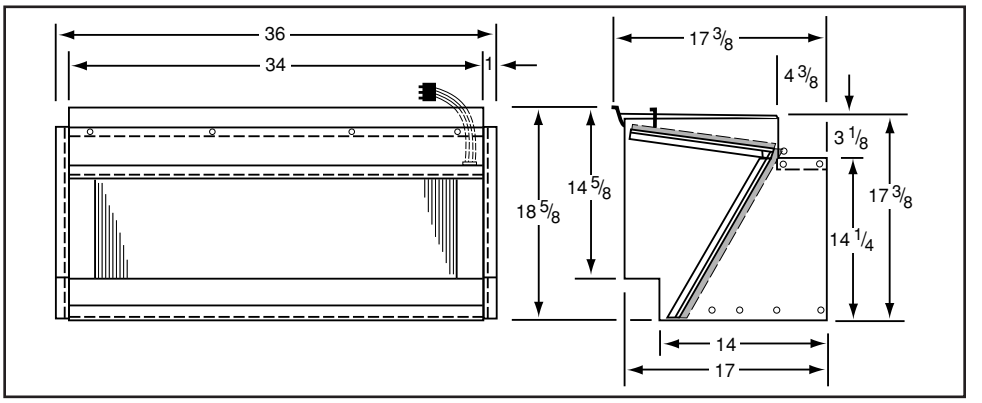
Replaces Original Dunham Bush® Newport, III, IV, and V Cooling and Heatpump Chassis.



TYPE CAF25O SERIES

Replacement Packaged Terminal Air Conditioners

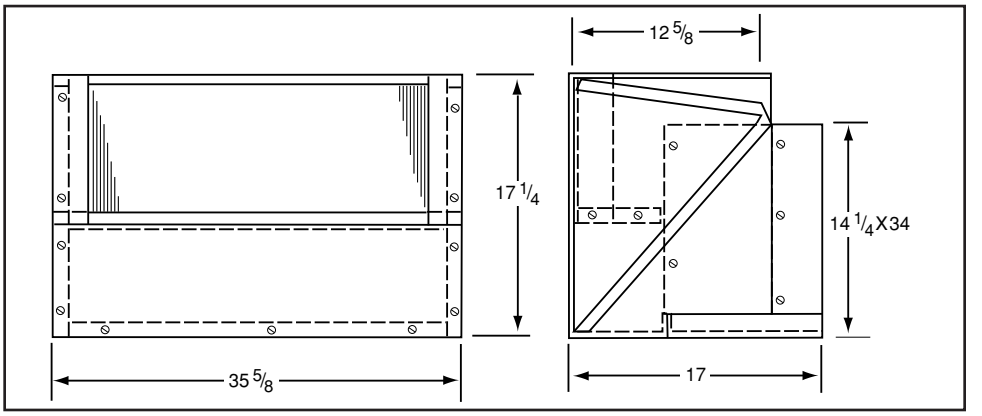
Replaces Original American Air Filter®, McQuay® Type 25, GXY and XY, Nelsonaire® Type 25 Cooling and Heatpump Chassis.



TYPE CA41O SERIES

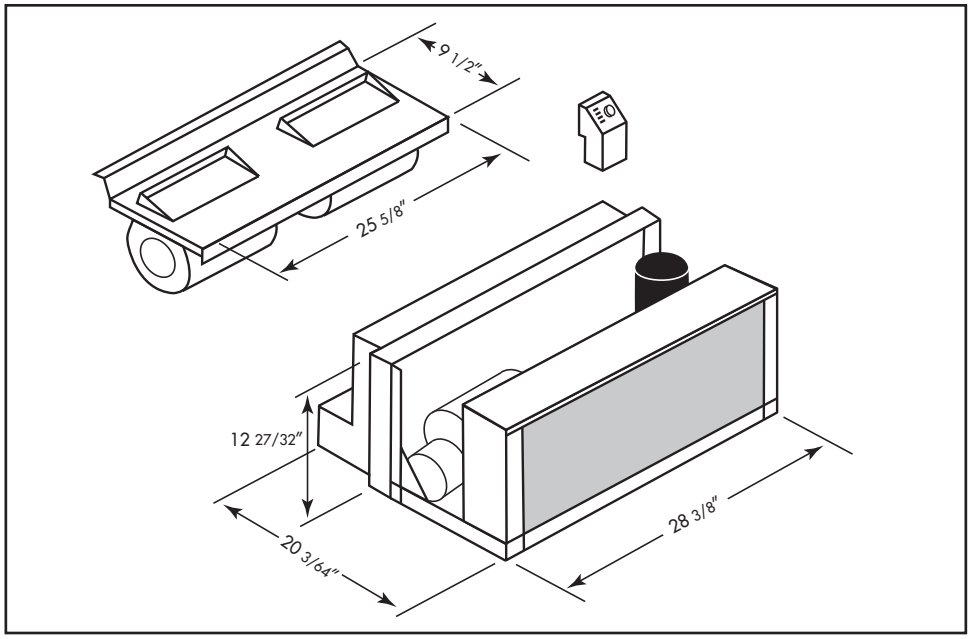
Replacement Packaged Terminal Air Conditioners

Replaces Original American Standard® Series 41, McQuay® and Remotaire® Cooling and Heatpump Chassis.



TYPE CRJO SERIES

Replacement Packaged Terminal Air Conditioners



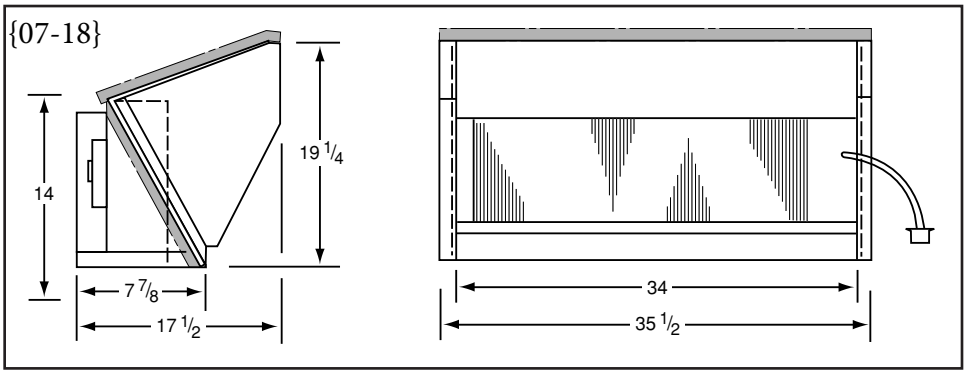
Replaces Original Remington®, Singer® and McQuay® Type J-EJ, EJB, JB, EJC, JC, MQC, MEJ, PMEJ, PMEH Cooling and Heatpump Chassis.

*Not Available in size 18000 BTU

TYPE CRKO SERIES

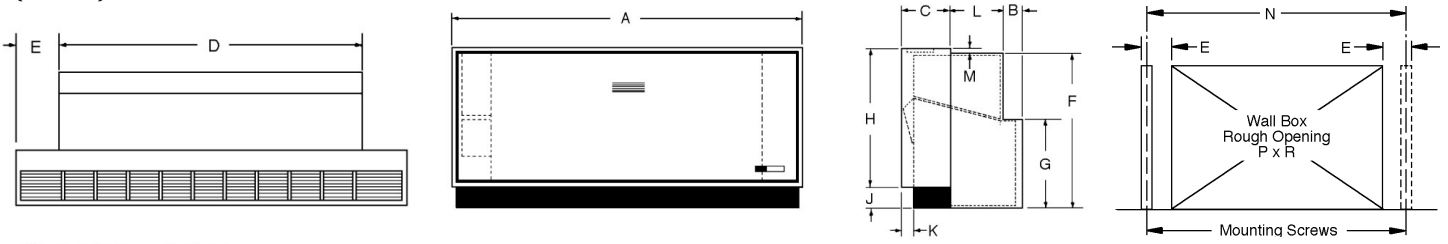
Replacement Packaged Terminal Air Conditioners

{07-18}



Replaces Original Remington®/ Singer® and McQuay® Type K, EK, RK, MEK, MHK, MQP, PKES and PKHS Cooling and Heatpump Chassis.

{07-22}



Dimensions — inches

Unit Size	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R
07— 18	48	2½ Min.	7¼ Min.	36¼	5¾	24½	13 11/16	21	3½-5½ Adj.	1¾	8	1	45¾	25	36½
22	60	2½ Min.	8½ Min.	46¼	6⅞	27⅜	15⅞	24	4-6 Adj.	3	9¼	⅝	59½	27¾	46¾

Model Numbers	07				09				12				15			18		
Nominal Capacity	7000				9000				12000				15000			18000		
Voltage	115	208	230	277	115	208	230	277	115	208	230	277	208	230	277	208	230	277
Cooling - Heat Pump and Cooling Only Chassis																		
COOLING (HI-FAN SPEED)[1]																		
Total Capacity (BTUH)	7300	7300	7300	7300	9000	9000	9000	9000	11800	11800	11800	11800	14939	14939	14939	17361	17361	17361
Sensible Capacity (BTUH)	6320	6320	6440	6440	7151	7151	7271	7271	8586	8586	8710	8710	10963	11083	11083	12022	12142	12142
ELECTRICAL DATA																		
Full Load Amps	6.6	3.6	3.2	2.7	8.7	4.3	3.9	3.2	10.0	5.6	5.1	4.4	7.6	6.9	6.0	9.2	8.5	7.4
Locked Rotor Amps	39.2	16.6	16.6	17.1	48.3	23.8	23.8	22.2	54.0	34.2	34.2	30.0	40.0	40.0	35.0	48.2	48.2	44.0
Watts	663	666	667	663	851	853	851	848	1135	1165	1170	1166	1580	1581	1590	1913	1955	1961
EER (BTUH/Watt)*	11.0	10.9	10.9	11.0	10.5	10.9	10.5	10.6	10.3	10.1	10.1	10.1	9.5	9.5	9.5	9.1	9.1	9.1
Power Factor %	90.2	90.2	86.5	84.9	92.4	92.4	89.3	89.9	94.7	94.7	90.4	90.1	95.7	94.0	93.5	95.2	93.0	93.0
Heating - Reverse Cycle Heat Pump Only																		
HEATING (HI-FAN SPEED)																		
Capacity (BTUH)	7000	7000	7100	7100	8500	8500	8700	8700	11400	11400	11600	11600	14300	14500	14500	17200	17500	17500
ELECTRICAL DATA																		
Full Load Amps	N/A	4.5	4.2	3.6	N/A	5.9	5.5	4.5	N/A	7.3	6.9	5.8	8.7	8.0	6.7	10.6	9.8	8.1
Locked Rotor Amps	N/A	16.6	16.6	17.1	N/A	23.8	23.8	22.2	N/A	34.2	34.2	30.0	40.0	40.0	35.0	48.2	48.2	44.0
Full Load KW	N/A	.85	.85	.85	N/A	.96	.96	.96	N/A	1.35	1.35	1.35	1.5	1.5	1.5	1.7	1.7	1.7
COP (Coefficient of Performance)	N/A	2.9	3.0	3.0	N/A	2.8	2.9	2.9	N/A	2.8	2.9	2.9	2.9	3.0	3.0	2.8	2.9	2.9
Power Factor %	N/A	90.2	86.5	84.9	N/A	92.4	89.3	89.9	N/A	94.7	90.4	90.1	95.7	94.0	93.5	95.2	93.0	93.0
Hydronic Heat																		
HEATING (HI-FAN SPEED)																		
Hot Water (BTUH)[2]	14,000				14,000				14,800				18,750			18,750		
Steam (BTUH)[3]	14,000				14,000				14,800				19,400			19,400		
Recommended Overcurrent Protection - Amperes																		
KILOWATTS																		
115	**208**	**230**	**277**															
2.5	2.5	—	—	19.6	13.3	—	—	19.6	13.3	—	—	19.6	13.3	—	—	13.3	—	—	13.3	—	—
—	3.0	3.0	—	—	14.4	12.6	—	—	14.4	12.6	—	—	14.4	12.6	—	14.4	12.6	—	14.4	12.6	
—	3.3	—	—	—	17.3	—	—	—	17.3	—	—	—	17.3	—	—	17.3	—	—	17.3	—	—
—	—	4.0	4.0	—	—	18.8	16.4	—	—	18.8	16.4	—	—	18.8	16.4	—	18.8	16.4	—	18.8	16.4
—	4.3	—	—	—	—	—	—	—	—	—	—	—	22.1	—	—	22.1	—	—	22.1	—	—
—	—	5.3	5.3	—	—	—	—	—	—	—	—	—	—	24.4	21.5	—	24.4	21.5	—	24.4	21.5
Recommended Overcurrent Protection - Amperes																		
COOLING/HEAT PUMP CHASSIS																		
W/O Auxiliary Heating	15	10	10	10	15	10	10	10	15	15	15	15	15	15	15	20	20	15
With Auxiliary Heating																		
2.5 KW to 3.0 KW	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
3.3 KW to 4.0 KW	—	25	25	25	—	25	25	25	—	25	25	25	25	25	25	25	25	25
4.3 KW to 5.3 KW	—	—	—	—	—	—	—	—	—	30	35	30	30	35	30	30	35	30
Steam or Hot Water	15	10	10	10	15	10	10	10	15	15	15	15	15	15	15	20	20	15
Fan Motor Data																		
CFM-COOLING AND HEATING																		
High Speed	340				340				340				435			435		
Low Speed	290				290				290				375			375		
Ventilation	70				70				70				85			85		
Indoor Motor HP	1/20				1/20				1/20				1/20			1/20		
Outdoor Motor HP	1/4				1/4				1/4				1/4			1/4		

[1]80F DB/67F WB air entering evaporator; 95F DB/75F WB air entering condenser per ARI Std. 310-70. [2] 200F EWT/180F LWT at 2 GPM 70F EAT. [3] 2 PSI 70F EAT saturated steam.
CNI reserves the right to modify specifications without prior notice in its efforts to improve product quality.
* Wattage, Amperage & EER is based on compressor and condensing fan motor data.

CRKO SERIES 22,000 ENGINEERING DATA

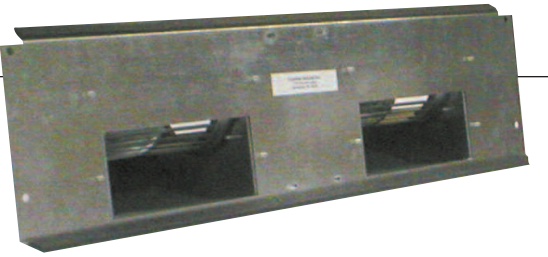
	Model Numbers		22	
	Nominal Capacity		22,000	
	Voltage	208	230	265
COOLING CHASSIS				
	COOLING (HI-FAN SPEED)[1]			
	Total Capacity (BTUH)	22350	22350	22350
	Sensible Capacity	15630	15630	15630
	ELECTRICAL DATA			
	Full Load Amps	10.8	9.9	8.4
	Locked Rotor Amps	56.0	56.0	56.0
	Watts	2246	2277	2226
	EER (BTUH/Watt)	9.9	9.9	9.9
	Power Factor %	99.0	98.0	97.1
HEATING CAPACITY				
	HEATING (HI-FAN SPEED)			
	Capacity (BTUH)	23533	23533	23533
	ELECTRICAL DATA			
	Full Load Amps	10.3	9.3	7.8
	Locked Rotor Amps	56.0	56.0	52.0
	Full Load KW	2.15	2.15	2.15
	COP (Coefficient of Performance)	3.2	3.2	3.2
	Power Factor %	99.0	98.0	97.1
HYDRONIC HEAT				
	HEATING (HI-FAN SPEED)			
	Hot Water (BTUH)[2]		21,900	
	Steam (BTUH)[3]		23,800	
ELECTRIC HEAT AMPERES				
	KILOWATTS			
	208 230 265			
	2.5 — —	14.4	—	—
	— 3.0 3.0	—	15.3	12.5
	3.3 — —	18.3	—	—
	— 4.0 4.0	—	19.6	16.1
	4.3 — —	23.1	—	—
	— 5.3 5.3	—	25.2	20.8
	— 5.3 5.8	—	25.2	22.9
OVER CURRENT PROTECTION AMPERS				
	COOLING/HEAT PUMP CHASSIS			
	W/O Auxiliary Heating	20	20	15
	With Auxiliary Heating			
	2.5 KW to 3.0 KW	25	25	20
	3.3 KW to 4.0 KW	30	30	25
	4.3 KW to 5.3 KW	35	35	30
	5.3 KW to 5.8 KW	—	35	30
	Steam or Hot Water	20	20	15
FAN MOTOR DATA				
	CFM-COOLING AND HEATING			
	High Speed		575	
	Low Speed		475	
	Ventilation		85	
	Motor HP		1/3	

[1]80F DB/67F WB air entering evaporator; 95F DB/75F WB air entering condenser per ARI Std. 310-70. [2] 200F EWT/180F LWT at 2 GPM 70F EAT. [3] 2 PSI 70F EAT saturated steam.

* Wattage, Amperage & EER is based on compressor and condensing fan motor data. **CNI** reserves the right to modify specifications without prior notice in its efforts to improve product quality

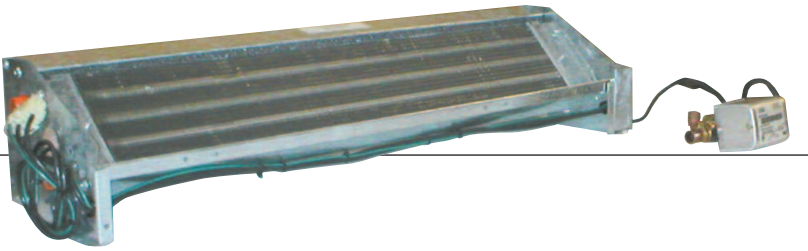
Additional Manufactured Parts for *Tru-Fit*™ Replacement Chassis

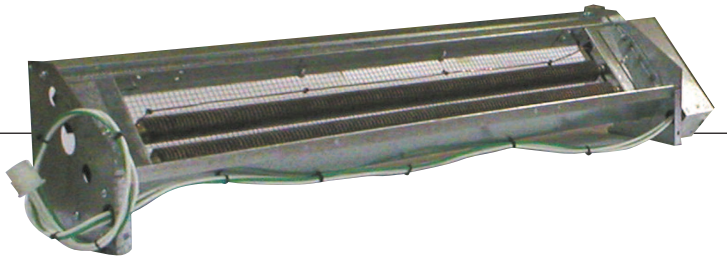
Motor Board Assemblies



Control Boxes

Hydronic Coils & Valve Assemblies





Electric Element Assemblies

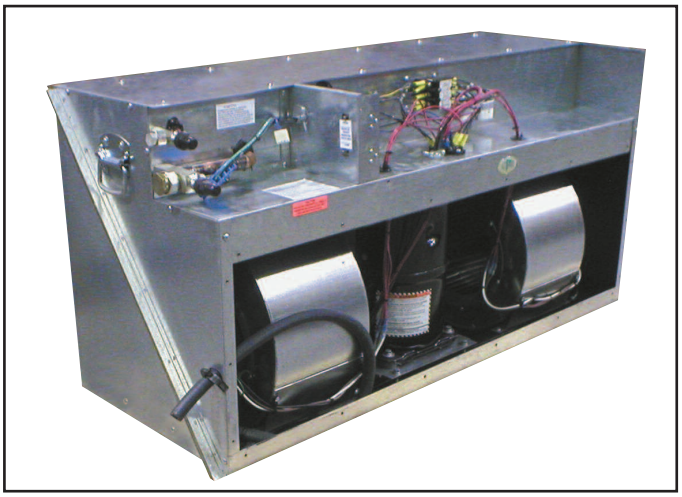
Plenum Assemblies

Consists of:

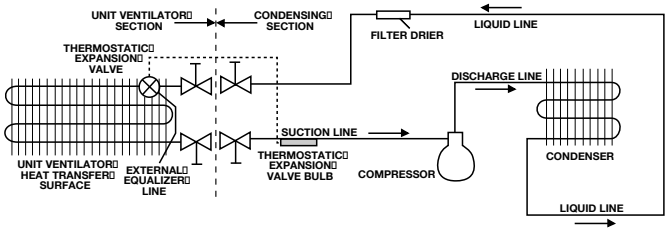
- Evaporator Motorboard
- Control Box
- Heating Section
  Hot Water, Steam or Electric

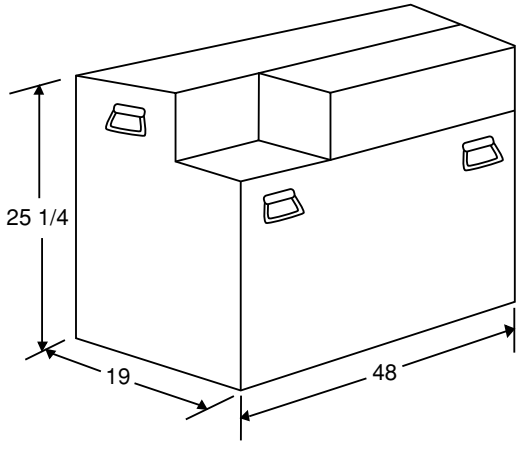
Note: Complete Room Cabinet Assemblies, Wall Sleeves, Outdoor Louvers, Room Cabinet and Front Panels, Kick Plate or Sub Bases are available for most Tru-Fit™ Chassis Product Offerings.

CNI Replacement for the Nesbitt® TP Condensing Sections



CNI provides condensing units for replacement or update of equipment originally installed for self contained Unit Ventilators. **CNI** manufactures condensing unit sections for the Nesbitt® Syncretizer PKG and Split System Unit Ventilators. The original Nesbitt® TP condensing unit was engineered specifically for the class room application and incorporated unmatched design and safety features required for this application. **CNI** today manufactures its products to these same high standards of excellence.





TP Condensing Unit Engineering Data		
Nominal Cooling Capacity	3.5 Ton	
Power Supply	208/230-60Hz1ph 208/230-60Hz 3ph 208/480-60Hz 3ph	
Total Running Amps		
208/230-60Hz 1ph	29.0**	
208/230-60Hz 3ph	19.0**	
208/480-60Hz 3ph	10.5**	
Starting Amps - Compressor*		
208/230-60Hz 1ph	147.9	
208/230-60Hz 3ph	120.9	
208/480-60Hz 3ph	60.2	
Maximum Wire Size		
(Maximum Fuse Delay Type)	**No. AWG**	**Fuse Size**
208/230-60Hz 1ph	6	40
208/230-60Hz 3ph	8	30
208/480-60Hz 3ph	12	15
Fan Motor		
Horse Power	1/3	
Full Load Amps	5.5	
Refrigerant	R22	

** Based on 95°F condensing temperature 80°F DB-67°F WB and 80°F maximum air over fuses and nominal voltage.*

*** Includes fans, compressor and accessories.*

The PC-PH™ Series

For new construction, plan and specification, as well as design-build.

Made in USA

A Complete Packaged Terminal Air Conditioner/ Heat Pump from 7000 BTUH up to 24,000 BTUH

How many of these benefits do you want in your packaged terminal air conditioner/heat pump:

Institutional Quality
- constructed of 18 gauge sheet metal minimum
- fully insulated terminal & electrical components

Low Installed Cost
- the sleeve (42" x 16") matches the standard brick& block module
- outdoor louvers are shipped pre-installed on sleeve
- the slide-in chassis plugs into a special outlet provided with the sleeve
- a flat or slope top front enclosure, complete with discharge grille

Minimum Maintenance
- filters readily available behind front panel

Low Energy Consumption
- condenser coils-lanced fin rifle tubing, larger surface area
- higher EER's, longer compressor life
- low limiting thermostat

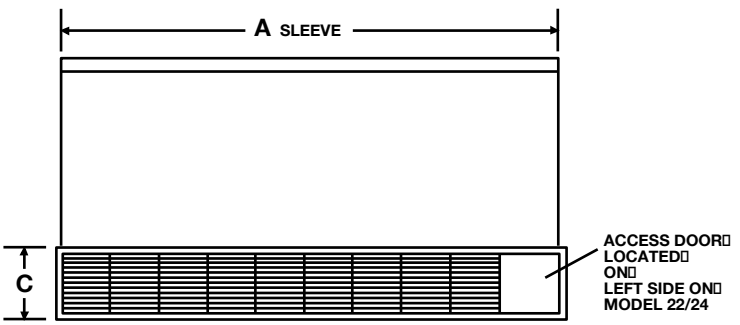
Low Noise Level
- a true 2 speed motor lower DB levels
- discharge and suction line muffler

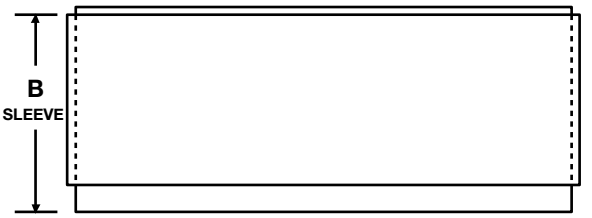
Easy Installation
- 2 major components, wall sleeve and chassis

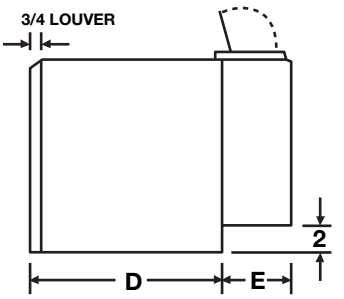
Four Season Use
- DX Cooling, electric, hydronic or steam heat

Weatherproof
- clear anodized outdoor louver

Details & Dimensions







Model	A	B	C	D	E	Wall Opening Guide: Sleeve Only	Wall Opening Guide: With Sleeve Extension	Wall Opening Guide: With Louver Frame
7 thru 18 MBH	42	16	5 ¾	16	5 ⅝	42 ¼ x 16 ¼	42 7/16 x 16 ½	42 11/16 x 16 ¾
22 thru 24 MBH	50	20	6	18 ⅜	6	50 ¼ x 20 ¼	50 7/16 x 20 ½	50 11/16 x 20 ¾

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Family owned and operated for three generations.

The *Tru-Fit*™ Series replacement chassis–

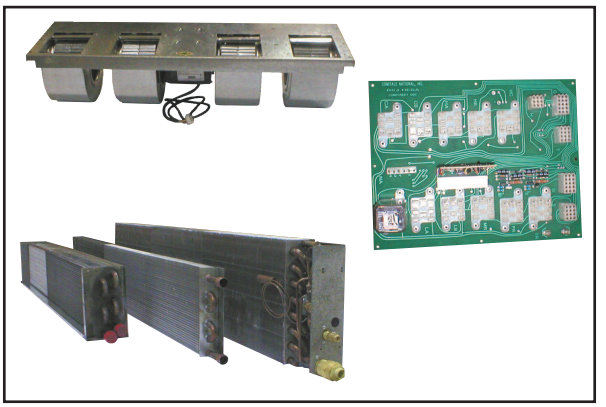
The answer to all your thru the wall needs.

- Adirondack-Aire®
- Airtemp®
- American Air Filter® Type 16, WY and YY
- American Air Filter® Type 25, GXY and XY
- American Standard® Type 41, 45 and SG45
- Applied Comfort®
- Beacon Morris®
- Carteret® Type 45
- Climate Master® 702, 703 and 704
- Climatrol®
- Climazone® UVK, UVW and UVY
- Coastal Products® RB
- Cold Point, Corp.®
- Cool Heat® Type RM
- Dunham Bush® Newport, III, IV and V
- Embassy Weather Twin®
- Fedders® Unizone
- Heil Quaker® Type SEA and SHA
- Ice Air®
- Ice Cap®
- Islandaire®
- Kapsis®
- Lennox®
- M.S.I.®
- Nelsonaire® Type 25
- McQuay®/Remington®/Singer® Types K, EK, RK, EA-A, EA-F, S, ES, RS, ENH, ENR, MEA, MEK, MHK, MQA, MQP, MQT, PNES1, PNHS1, PNES2, PNHS2, PMES, PMRS, PKES, PKHS, J-EJ, EJB, JB, EJC, JC, MQC, MEJ, PMEJ and PMEH.
- Nesbitt® Challenger, Mod Roommate and Roommate PKG
- Ra-Matic®
- RetroAire®
- Simon-Aire, Inc.®
- T.P.I.®
- Westinghouse® RB
- ZoneAire® NewYorker

Available in Efficient Heat Pump Configuration.
Note* ***CNI* *can also replace Amana®, Carrier® 52 Series, Fedders® FPTH and FPTA, Friedrich® PE and PH, and General Electric® AZ Series.*
**Consult factory on the above units.*

Consult factory for products not listed.

Make CNI Your First Choice for HVAC Equipment and Replacement Parts



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In stock for immediate delivery
From unit ventilators to rooftop systems

- American Air Filter®
- American Standard®
- Climatrol®
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- Ice Cap®
- Islandaire®
- Kapsis®
- Lennox®
- MSI®
- McQuay®
- Nesbitt®
- Remington®
- RetroAire®
- Singer®
- T.P.I.®
- Westinghouse®

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The PC-PH™ Series

For new construction, plan and specification, as well as design-build.

A complete packaged terminal Air Conditioner/Heat Pump

Sizes ranging from 7,000 BTUH through 24,000 BTUH

Building types include, but are not limited to:

- Nursing Homes
- Hospitals
- Office Buildings
- Convalescent Centers
- Hotels/Motels
- Schools/Universities

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For New Construction and Replacements

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