13 SEER R-410A CONDENSING UNITS

Features

- Efficiencies up to 14 SEER.
- Painted louvered steel cabinet.
- Easily accessible control box.
- Condenser coils constructed with copper tubing and enhanced aluminum fins.
- Grille/Motor mount for quiet fan operation.
- Bi-Directional Filter Drier (shipped—not installed).

Applications

Outdoor condensing unit designed for ground level or rooftop installations. These units offer comfort and dependability for single, multi-family and light commercial applications.

Accessories

- Low Pressure Control (RXAC-A07)
- High Pressure Control (RXAB-A07)
- Low Ambient Control (RXAD-A08)
- Compressor Time Delay Control
- Crankcase Heater
- Sound Enclosure

TZAL SERIES
3-Phase Models

Manufactured for
Thermal Zone®
Philadelphia, PA

Accredited by the RvA
ISO 9001:2008
Certificate Number: 30164

Model Number Identification

TZ	A	L	3	36	C	B
THERMAL ZONE®	A = AIR CONDITIONER	L = R-410A	3 = 13 SEER	NOMINAL COOLING CAPACITY	VOLTAGE	CABINET
				36 = 36,000 BTU/HR [10.55 kW] 42 = 42,000 BTU/HR [12.31 kW] 48 = 48,000 BTU/HR [14.07 kW] 60 = 60,000 BTU/HR [17.58 kW]	C = 200/230V - 3PH - 60 Hz D = 460V - 3PH - 60 Hz Y = 575V - 3PH - 60 Hz	DESIGN SERIES

Performance Data @ AHRI Standard Conditions—Cooling—Three Phase

Model Numbers		80°F [26.5°C] DB/67°F [19.5°C] WB Indoor Air 95°F [35°C] DB Outdoor Air					Sound Rating dB	Indoor CFM [L/s]
Outdoor Unit TZAL	Indoor Coil and/or Air Handler	Total Capacity BTU/H [kW]	Net Sensible BTU/H [kW]	Net Latent BTU/H [kW]	EER	SEER		
Rev. 8/07/09	TCFL-H*3617 ①	34,200 [10.0]	24,850 [7.3]	9,350 [2.7]	11.15	13.00	75	1,075 [507]
	TCFL-A*3617	34,200 [10.0]	24,850 [7.3]	9,350 [2.7]	11.15	13.00	75	1,075 [507]
	-Z92UP453TA (TCFL-A*3617)	34,200 [10.0]	24,550 [7.2]	9,650 [2.8]	11.40	13.00	75	1,025 [484]
	-Z92UP603TA (TCFL-A*3617)	34,200 [10.0]	24,450 [7.2]	9,750 [2.9]	11.50	13.50	75	1,000 [472]
	-Z92UP753TA (TCFL-A*3617)	34,000 [10.0]	24,400 [7.1]	9,600 [2.8]	11.15	13.00	75	1,025 [484]
	TCFL-A*3621	34,200 [10.0]	24,850 [7.3]	9,350 [2.7]	11.15	13.00	75	1,075 [507]
	-Z92UP453TA (TCFL-A*3621)	34,200 [10.0]	24,550 [7.2]	9,650 [2.8]	11.40	13.50	75	1,025 [484]
	-Z92UP603TA (TCFL-A*3621)	34,200 [10.0]	24,450 [7.2]	9,750 [2.9]	11.50	13.50	75	1,000 [472]
	-Z92UP753TA (TCFL-A*3621)	34,000 [10.0]	24,400 [7.1]	9,600 [2.8]	11.20	13.00	75	1,025 [484]
	-Z92UP754TA (TCFL-A*3621)	33,800 [9.9]	24,000 [7.0]	9,800 [2.9]	11.30	13.00	75	975 [460]
	-Z92UP905TA (TCFL-A*3621)	35,200 [10.3]	26,450 [7.7]	8,750 [2.6]	11.40	13.50	75	1,225 [578]
336-CB	-Z92UP105TA (TCFL-A*3621)	34,800 [10.2]	25,700 [7.5]	9,100 [2.7]	11.50	13.50	75	1,150 [543]
	-Z92UP453TA (TCFL-H*3617)	34,200 [10.0]	24,550 [7.2]	9,650 [2.8]	11.40	13.00	75	1,025 [484]
	-Z92UP603TA (TCFL-H*3617)	34,200 [10.0]	24,450 [7.2]	9,750 [2.9]	11.50	13.50	75	1,000 [472]
	-Z92UP753TA (TCFL-H*3617)	34,000 [10.0]	24,400 [7.1]	9,600 [2.8]	11.15	13.00	75	1,025 [484]
	TCFL-H*3621	34,200 [10.0]	24,850 [7.3]	9,350 [2.7]	11.15	13.00	75	1,075 [507]
	-Z92UP453TA (TCFL-H*3621)	34,200 [10.0]	24,550 [7.2]	9,650 [2.8]	11.40	13.50	75	1,025 [484]
	-Z92UP603TA (TCFL-H*3621)	34,200 [10.0]	24,450 [7.2]	9,750 [2.9]	11.50	13.50	75	1,000 [472]
	-Z92UP753TA (TCFL-H*3621)	34,000 [10.0]	24,400 [7.1]	9,600 [2.8]	11.20	13.00	75	1,025 [484]
	-Z92UP754TA (TCFL-H*3621)	33,800 [9.9]	24,000 [7.0]	9,800 [2.9]	11.30	13.00	75	975 [460]
	-Z92UP905TA (TCFL-H*3621)	35,200 [10.3]	26,450 [7.7]	8,750 [2.6]	11.40	13.00	75	1,225 [578]
	-Z92UP105TA (TCFL-H*3621)	34,800 [10.2]	25,700 [7.5]	9,100 [2.7]	11.50	13.50	75	1,150 [543]
	TZHLL-3617 (RCSL-H*3617)	35,400 [10.4]	26,450 [7.7]	8,950 [2.6]	12.00	14.00	75	1,200 [566]
	TZHSL-3617 (RCSL-H*3617)	34,200 [10.0]	24,850 [7.3]	9,350 [2.7]	11.15	13.00	75	1,100 [519]
	TCFL-H*3617 ①	34,200 [10.0]	24,850 [7.3]	9,350 [2.7]	11.15	13.00	75	1,075 [507]
	TCFL-A*3617	34,200 [10.0]	24,850 [7.3]	9,350 [2.7]	11.15	13.00	75	1,075 [507]
	-Z92UP453TA (TCFL-A*3617)	34,200 [10.0]	24,550 [7.2]	9,650 [2.8]	11.40	13.00	75	1,025 [484]
	-Z92UP603TA (TCFL-A*3617)	34,200 [10.0]	24,450 [7.2]	9,750 [2.9]	11.50	13.50	75	1,000 [472]
	-Z92UP753TA (TCFL-A*3617)	34,000 [10.0]	24,400 [7.1]	9,600 [2.8]	11.15	13.00	75	1,025 [484]
336-DB	TCFL-A*3621	34,200 [10.0]	24,850 [7.3]	9,350 [2.7]	11.15	13.00	75	1,075 [507]
	-Z92UP453TA (TCFL-A*3621)	34,200 [10.0]	24,550 [7.2]	9,650 [2.8]	11.40	13.50	75	1,025 [484]
	-Z92UP603TA (TCFL-A*3621)	34,200 [10.0]	24,450 [7.2]	9,750 [2.9]	11.50	13.50	75	1,000 [472]
	-Z92UP753TA (TCFL-A*3621)	34,000 [10.0]	24,400 [7.1]	9,600 [2.8]	11.20	13.00	75	1,025 [484]
	-Z92UP754TA (TCFL-A*3621)	33,800 [9.9]	24,000 [7.0]	9,800 [2.9]	11.30	13.00	75	975 [460]
	-Z92UP905TA (TCFL-A*3621)	35,200 [10.3]	26,450 [7.7]	8,750 [2.6]	11.40	13.50	75	1,225 [578]

① Highest sales volume tested combination required by D.O.E. test procedures.

[ ] Designates Metric Conversions

Performance Data @ AHRI Standard Conditions—Cooling—Three Phase (cont.)

Model Numbers		80°F [26.5°C] DB/67°F [19.5°C] WB Indoor Air 95°F [35°C] DB Outdoor Air					Sound Rating dB	Indoor CFM [L/s]
Outdoor Unit TZAL	Indoor Coil and/or Air Handler	Total Capacity BTU/H [kW]	Net Sensible BTU/H [kW]	Net Latent BTU/H [kW]	EER	SEER		
Rev. 8/07/09	-Z92UP105TA (TCFL-A*3621)	34,800 [10.2]	25,700 [7.5]	9,100 [2.7]	11.50	13.50	75	1,150 [543]
	-Z92UP453TA (TCFL-H*3617)	34,200 [10.0]	24,550 [7.2]	9,650 [2.8]	11.40	13.00	75	1,025 [484]
	-Z92UP603TA (TCFL-H*3617)	34,200 [10.0]	24,450 [7.2]	9,750 [2.9]	11.50	13.50	75	1,000 [472]
	-Z92UP753TA (TCFL-H*3617)	34,000 [10.0]	24,400 [7.1]	9,600 [2.8]	11.15	13.00	75	1,025 [484]
	TCFL-H*3621	34,200 [10.0]	24,850 [7.3]	9,350 [2.7]	11.15	13.00	75	1,075 [507]
	-Z92UP453TA (TCFL-H*3621)	34,200 [10.0]	24,550 [7.2]	9,650 [2.8]	11.40	13.50	75	1,025 [484]
336-DB	-Z92UP603TA (TCFL-H*3621)	34,200 [10.0]	24,450 [7.2]	9,750 [2.9]	11.50	13.50	75	1,000 [472]
	-Z92UP753TA (TCFL-H*3621)	34,000 [10.0]	24,400 [7.1]	9,600 [2.8]	11.20	13.00	75	1,025 [484]
	-Z92UP754TA (TCFL-H*3621)	33,800 [9.9]	24,000 [7.0]	9,800 [2.9]	11.30	13.00	75	975 [460]
	-Z92UP905TA (TCFL-H*3621)	35,200 [10.3]	26,450 [7.7]	8,750 [2.6]	11.40	13.00	75	1,225 [578]
	-Z92UP105TA (TCFL-H*3621)	34,800 [10.2]	25,700 [7.5]	9,100 [2.7]	11.50	13.50	75	1,150 [543]
	TZHLL-3617 (RCSL-H*3617)	35,400 [10.4]	26,450 [7.7]	8,950 [2.6]	12.00	14.00	75	1,200 [566]
	TZHSL-3617 (RCSL-H*3617)	34,200 [10.0]	24,850 [7.3]	9,350 [2.7]	11.15	13.00	75	1,100 [519]
342-CB	TCFL-H*4821 ①	41,000 [12.0]	30,550 [9.0]	10,450 [3.1]	11.05	13.00	77	1,400 [661]
	TCFL-A*4821	41,000 [12.0]	30,550 [9.0]	10,450 [3.1]	11.05	13.00	77	1,400 [661]
	-Z92UP905TA (TCFL-A*4821)	40,500 [11.9]	28,950 [8.5]	11,550 [3.4]	11.40	13.50	77	1,225 [578]
	TCFL-A*4824	41,000 [12.0]	30,550 [9.0]	10,450 [3.1]	11.05	13.00	77	1,400 [661]
	-Z92UP905TA (TCFL-A*4824)	40,500 [11.9]	28,950 [8.5]	11,550 [3.4]	11.40	13.00	77	1,225 [578]
	-Z92UP905TA (TCFL-H*4821)	40,500 [11.9]	28,950 [8.5]	11,550 [3.4]	11.40	13.50	77	1,225 [578]
	TCFL-H*4824	41,000 [12.0]	30,550 [9.0]	10,450 [3.1]	11.05	13.00	77	1,400 [661]
	-Z92UP905TA (TCFL-H*4824)	40,500 [11.9]	28,950 [8.5]	11,550 [3.4]	11.40	13.00	77	1,225 [578]
	TZHLL-4821 (RCSL-H*4821)	42,000 [12.3]	31,350 [9.2]	10,650 [3.1]	11.95	14.00	77	1,400 [661]
	TZHSL-4221 (RCSL-H*4821)	41,000 [12.0]	30,250 [8.9]	10,750 [3.1]	11.00	13.00	77	1,350 [637]
342-DB	TCFL-H*4821 ①	41,000 [12.0]	30,550 [9.0]	10,450 [3.1]	11.05	13.00	77	1,400 [661]
	TCFL-A*4821	41,000 [12.0]	30,550 [9.0]	10,450 [3.1]	11.05	13.00	77	1,400 [661]
	-Z92UP905TA (TCFL-A*4821)	40,500 [11.9]	28,950 [8.5]	11,550 [3.4]	11.40	13.50	77	1,225 [578]
	TCFL-A*4824	41,000 [12.0]	30,550 [9.0]	10,450 [3.1]	11.05	13.00	77	1,400 [661]
	-Z92UP905TA (TCFL-A*4824)	40,500 [11.9]	28,950 [8.5]	11,550 [3.4]	11.40	13.00	77	1,225 [578]
	-Z92UP905TA (TCFL-H*4821)	40,500 [11.9]	28,950 [8.5]	11,550 [3.4]	11.40	13.50	77	1,225 [578]
	TCFL-H*4824	41,000 [12.0]	30,550 [9.0]	10,450 [3.1]	11.05	13.00	77	1,400 [661]
	-Z92UP905TA (TCFL-H*4824)	40,500 [11.9]	28,950 [8.5]	11,550 [3.4]	11.40	13.00	77	1,225 [578]
	TZHLL-4821 (RCSL-H*4821)	42,000 [12.3]	31,350 [9.2]	10,650 [3.1]	11.95	14.00	77	1,400 [661]
	TZHSL-4221 (RCSL-H*4821)	41,000 [12.0]	30,250 [8.9]	10,750 [3.1]	11.00	13.00	77	1,350 [637]
348-CB	TCFL-H*4821 ①	46,500 [13.6]	34,050 [10.0]	12,450 [3.6]	11.20	13.00	77	1,500 [708]
	TCFL-A*4821	46,500 [13.6]	34,050 [10.0]	12,450 [3.6]	11.20	13.00	77	1,500 [708]
	-Z92UP905TA (TCFL-A*4821)	46,000 [13.5]	32,950 [9.7]	13,050 [3.8]	11.15	13.00	77	1,400 [661]
	-Z92UP105TA (TCFL-A*4821)	46,000 [13.5]	33,150 [9.7]	12,850 [3.8]	11.10	13.00	77	1,425 [672]
	TCFL-A*4824	46,500 [13.6]	34,050 [10.0]	12,450 [3.6]	11.20	13.00	77	1,500 [708]
	-Z92UP905TA (TCFL-A*4824)	46,000 [13.5]	32,950 [9.7]	13,050 [3.8]	11.15	13.00	77	1,400 [661]
	-Z92UP105TA (TCFL-A*4824)	46,000 [13.5]	33,150 [9.7]	12,850 [3.8]	11.10	13.00	77	1,425 [672]
	-Z92UP125TA (TCFL-A*4824)	46,000 [13.5]	33,050 [9.7]	12,950 [3.8]	11.40	13.00	77	1,425 [672]
	-Z92UP905TA (TCFL-H*4821)	46,000 [13.5]	32,950 [9.7]	13,050 [3.8]	11.15	13.00	77	1,400 [661]
	-Z92UP105TA (TCFL-H*4821)	46,000 [13.5]	33,150 [9.7]	12,850 [3.8]	11.10	13.00	77	1,425 [672]
	TCFL-H*4824	46,500 [13.6]	34,050 [10.0]	12,450 [3.6]	11.20	13.00	77	1,500 [708]
	-Z92UP905TA (TCFL-H*4824)	46,000 [13.5]	32,950 [9.7]	13,050 [3.8]	11.15	13.00	77	1,400 [661]
	-Z92UP105TA (TCFL-H*4824)	46,000 [13.5]	33,150 [9.7]	12,850 [3.8]	11.10	13.00	77	1,425 [672]
	-Z92UP125TA (TCFL-H*4824)	46,000 [13.5]	33,050 [9.7]	12,950 [3.8]	11.40	13.00	77	1,425 [672]
	TZHLL-4821 (RCSL-H*4821)	46,500 [13.6]	33,250 [9.7]	13,250 [3.9]	11.95	14.00	77	1,400 [661]
	TZHSL-4821 (RCSL-H*4821)	46,500 [13.6]	34,100 [10.0]	12,400 [3.6]	11.20	13.00	77	1,525 [720]
	TZHSL-4824 (RCSL-H*4821)	46,500 [13.6]	34,100 [10.0]	12,400 [3.6]	11.20	13.00	77	1,500 [708]
	TZHLL-4824 (RCSL-H*4824)	48,000 [14.1]	36,200 [10.6]	11,800 [3.5]	12.10	14.00	77	1,625 [767]

① Highest sales volume tested combination required by D.O.E. test procedures.

[ ] Designates Metric Conversions

Performance Data @ AHRI Standard Conditions—Cooling—Three Phase (cont.)

Model Numbers		80°F [26.5°C] DB/67°F [19.5°C] WB Indoor Air 95°F [35°C] DB Outdoor Air					Sound Rating dB	Indoor CFM [L/s]
Outdoor Unit TZAL	Indoor Coil and/or Air Handler	Total Capacity BTU/H [kW]	Net Sensible BTU/H [kW]	Net Latent BTU/H [kW]	EER	SEER		
Rev. 8/07/09	TCFL-H*4821 ①	46,500 [13.6]	34,050 [10.0]	12,450 [3.6]	11.20	13.00	77	1,500 [708]
	TCFL-A*4821	46,500 [13.6]	34,050 [10.0]	12,450 [3.6]	11.20	13.00	77	1,500 [708]
	-Z92UP905TA (TCFL-A*4821)	46,000 [13.5]	32,950 [9.7]	13,050 [3.8]	11.15	13.00	77	1,400 [661]
	-Z92UP105TA (TCFL-A*4821)	46,000 [13.5]	33,150 [9.7]	12,850 [3.8]	11.10	13.00	77	1,425 [672]
	TCFL-A*4824	46,500 [13.6]	34,050 [10.0]	12,450 [3.6]	11.20	13.00	77	1,500 [708]
	-Z92UP905TA (TCFL-A*4824)	46,000 [13.5]	32,950 [9.7]	13,050 [3.8]	11.15	13.00	77	1,400 [661]
	-Z92UP105TA (TCFL-A*4824)	46,000 [13.5]	33,150 [9.7]	12,850 [3.8]	11.10	13.00	77	1,425 [672]
	-Z92UP125TA (TCFL-A*4824)	46,000 [13.5]	33,050 [9.7]	12,950 [3.8]	11.40	13.00	77	1,425 [672]
348-DB	-Z92UP905TA (TCFL-H*4821)	46,000 [13.5]	32,950 [9.7]	13,050 [3.8]	11.15	13.00	77	1,400 [661]
	-Z92UP105TA (TCFL-H*4821)	46,000 [13.5]	33,150 [9.7]	12,850 [3.8]	11.10	13.00	77	1,425 [672]
	TCFL-H*4824	46,500 [13.6]	34,050 [10.0]	12,450 [3.6]	11.20	13.00	77	1,500 [708]
	-Z92UP905TA (TCFL-H*4824)	46,000 [13.5]	32,950 [9.7]	13,050 [3.8]	11.15	13.00	77	1,400 [661]
	-Z92UP105TA (TCFL-H*4824)	46,000 [13.5]	33,150 [9.7]	12,850 [3.8]	11.10	13.00	77	1,425 [672]
	-Z92UP125TA (TCFL-H*4824)	46,000 [13.5]	33,050 [9.7]	12,950 [3.8]	11.40	13.00	77	1,425 [672]
	TZHLL-4821 (RCSL-H*4821)	46,500 [13.6]	33,250 [9.7]	13,250 [3.9]	11.95	14.00	77	1,400 [661]
	TZHSL-4821 (RCSL-H*4821)	46,500 [13.6]	34,100 [10.0]	12,400 [3.6]	11.20	13.00	77	1,525 [720]
	TZHSL-4824 (RCSL-H*4821)	46,500 [13.6]	34,100 [10.0]	12,400 [3.6]	11.20	13.00	77	1,500 [708]
	TZHLL-4824 (RCSL-H*4824)	48,000 [14.1]	36,200 [10.6]	11,800 [3.5]	12.10	14.00	77	1,625 [767]
348-YB	TCFL-H*4821 ①	46,500 [13.6]	34,050 [10.0]	12,450 [3.6]	11.20	13.00	77	1,500 [708]
	TCFL-A*4821	46,500 [13.6]	34,050 [10.0]	12,450 [3.6]	11.20	13.00	77	1,500 [708]
	-Z92UP905TA (TCFL-A*4821)	46,000 [13.5]	32,950 [9.7]	13,050 [3.8]	11.15	13.00	77	1,400 [661]
	-Z92UP105TA (TCFL-A*4821)	46,000 [13.5]	33,150 [9.7]	12,850 [3.8]	11.10	13.00	77	1,425 [672]
	TCFL-A*4824	46,500 [13.6]	34,050 [10.0]	12,450 [3.6]	11.20	13.00	77	1,500 [708]
	-Z92UP905TA (TCFL-A*4824)	46,000 [13.5]	32,950 [9.7]	13,050 [3.8]	11.15	13.00	77	1,400 [661]
	-Z92UP105TA (TCFL-A*4824)	46,000 [13.5]	33,150 [9.7]	12,850 [3.8]	11.10	13.00	77	1,425 [672]
	-Z92UP125TA (TCFL-A*4824)	46,000 [13.5]	33,050 [9.7]	12,950 [3.8]	11.40	13.00	77	1,425 [672]
	-Z92UP905TA (TCFL-H*4821)	46,000 [13.5]	32,950 [9.7]	13,050 [3.8]	11.15	13.00	77	1,400 [661]
	-Z92UP105TA (TCFL-H*4821)	46,000 [13.5]	33,150 [9.7]	12,850 [3.8]	11.10	13.00	77	1,425 [672]
	TCFL-H*4824	46,500 [13.6]	34,050 [10.0]	12,450 [3.6]	11.20	13.00	77	1,500 [708]
	-Z92UP905TA (TCFL-H*4824)	46,000 [13.5]	32,950 [9.7]	13,050 [3.8]	11.15	13.00	77	1,400 [661]
	-Z92UP105TA (TCFL-H*4824)	46,000 [13.5]	33,150 [9.7]	12,850 [3.8]	11.10	13.00	77	1,425 [672]
	-Z92UP125TA (TCFL-H*4824)	46,000 [13.5]	33,050 [9.7]	12,950 [3.8]	11.40	13.00	77	1,425 [672]
	TZHLL-4821 (RCSL-H*4821)	46,500 [13.6]	33,250 [9.7]	13,250 [3.9]	11.95	14.00	77	1,400 [661]
	TZHSL-4821 (RCSL-H*4821)	46,500 [13.6]	34,100 [10.0]	12,400 [3.6]	11.20	13.00	77	1,525 [720]
	TZHSL-4824 (RCSL-H*4821)	46,500 [13.6]	34,100 [10.0]	12,400 [3.6]	11.20	13.00	77	1,500 [708]
	TZHLL-4824 (RCSL-H*4824)	48,000 [14.1]	36,200 [10.6]	11,800 [3.5]	12.10	14.00	77	1,625 [767]
360-CB	TCFL-H*6024 ①	56,500 [16.6]	39,100 [11.5]	17,400 [5.1]	11.10	13.00	77	1,550 [731]
	TCFL-A*6024	56,500 [16.6]	39,100 [11.5]	17,400 [5.1]	11.10	13.00	77	1,550 [731]
	TZHLL-6024 (RCSL-H*6024)	58,000 [17.0]	40,050 [11.7]	17,950 [5.3]	11.85	13.50	77	1,800 [849]
360-DB	TCFL-H*6024 ①	56,500 [16.6]	39,100 [11.5]	17,400 [5.1]	11.10	13.00	77	1,550 [731]
	TCFL-A*6024	56,500 [16.6]	39,100 [11.5]	17,400 [5.1]	11.10	13.00	77	1,550 [731]
	TZHLL-6024 (RCSL-H*6024)	58,000 [17.0]	40,050 [11.7]	17,950 [5.3]	11.85	13.50	77	1,800 [849]
360-YB	TCFL-H*6024 ①	56,500 [16.6]	39,100 [11.5]	17,400 [5.1]	11.10	13.00	77	1,550 [731]
	TCFL-A*6024	56,500 [16.6]	39,100 [11.5]	17,400 [5.1]	11.10	13.00	77	1,550 [731]
360-YB	TZHLL-6024 (RCSL-H*6024)	58,000 [17.0]	40,050 [11.7]	17,950 [5.3]	11.85	13.50	77	1,800 [849]

① Highest sales volume tested combination required by D.O.E. test procedures.

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Electrical and Physical Data—Three Phase

Model Number TZAL	ELECTRICAL							PHYSICAL					
	Phase Frequency [HZ] Voltage [Volts]	Compressor		Fan Motor Full Load Amperes (FLA)	Minimum Circuit Ampacity Amperes	Fuse or HACR Circuit Breaker		Outdoor Coil			Refrigerant Per Circuit Oz. [g]	Weight	
		Rated Load Amperes (RLA)	Locked Rotor Amperes (LRA)			Minimum Amperes	Maximum Amperes	Face Area Sq. Ft. [m²]	No. Rows	CFM [L/s]		Net Lbs. [kg]	Shipping Lbs. [kg]
Rev. 8/07/09													
336-CB	3-60-208/230	10.4/10.4	73	0.6	14/14	20/20	20/20	12.43 [1.15]	1	2690 [1269]	96 [2722]	159 [72.1]	167 [75.8]
336-DB	3-60-460	4.1	38	0.35	6	15	15	12.43 [1.15]	1	2690 [1269]	96 [2722]	159 [72.1]	167 [75.8]
342-CB	3-60-208/230	9.7/9.7	88	0.6	13/13	20/20	20/20	16.39 [1.52]	1	2980 [1406]	126.4 [3583]	218 [98.9]	230 [104.3]
342-DB	3-60-460	4.2	44	0.35	6	15	15	16.39 [1.52]	1	2980 [1406]	126.4 [3583]	218 [98.9]	230 [104.3]
348-CB	3-60-208/230	10/10	83.1	0.6	14/14	20/20	20/20	21.85 [2.03]	1	3175 [1498]	144 [4082]	225 [102.1]	237 [107.5]
348-DB	3-60-460	4.4	41	0.35	6	15	15	21.85 [2.03]	1	3175 [1498]	144 [4082]	225 [102.1]	237 [107.5]
348-YB	3-60-575	3.5	33	0.5	5	15	15	21.85 [2.03]	1	3175 [1498]	144 [4082]	225 [102.1]	237 [107.5]
360-CB	3-60-208/230	11.4/11.4	110	1.2	16/16	20/20	25/25	21.85 [2.03]	1	3570 [1685]	176 [4990]	223 [101.2]	234 [106.1]
360-DB	3-60-460	5.5	52	0.6	8	15	15	21.85 [2.03]	1	3570 [1685]	176 [4990]	223 [101.2]	234 [106.1]
360-YB	3-60-575	4.1	38.9	0.5	6	15	15	21.85 [2.03]	1	3570 [1685]	176 [4990]	223 [101.2]	234 [106.1]

NOTE: Factory Refrigerant Charge includes refrigerant for 15 feet of standard line set.

Unit Dimensions

Model No. TZAL	Unit Dimensions		
	Width "W" Inches	Length "L" Inches	Height "H" Inches
36, 42, 48	31 5/8 [803]	31 5/8 [803]	27 15/16 [710]
60	31 5/8 [803]	31 5/8 [803]	35 15/16 [913]

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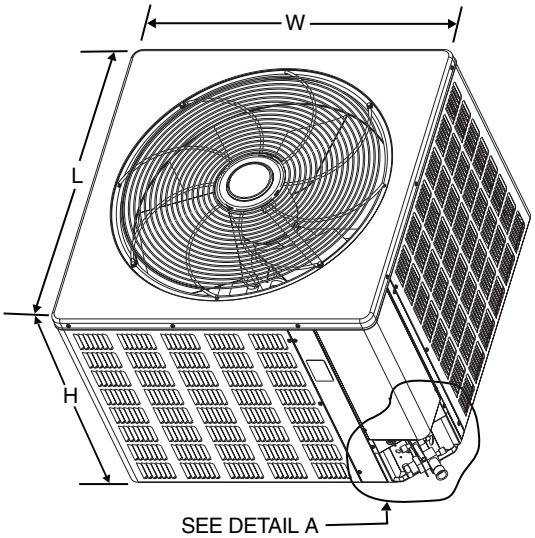

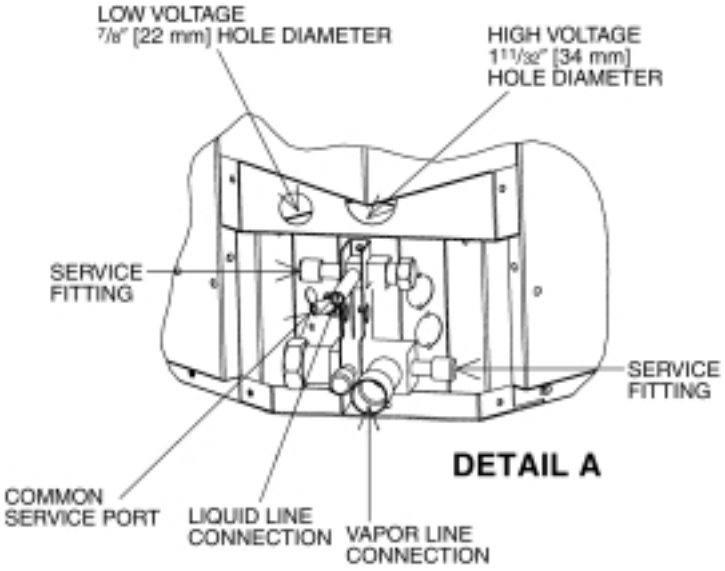

Condensing Unit Refrigerant Line Size Information

System Capacity	Liquid Line Connection Size (Inch I.D.)	Line Size (Inch O.D.) [mm]	Liquid Line Size – Outdoor Unit Above Indoor Coil (Cooling Only—Does not apply to Heat Pumps)						Liquid Line Size – Outdoor Unit Below Indoor Coil (Cooling Only)					
			Total Equivalent Length—Feet [m]						Total Equivalent Length—Feet [m]					
			25 [7.62]	50 [15.24]	75 [22.86]	100 [30.48]	125 [38.10]	150 [45.72]	25 [7.62]	50 [15.24]	75 [22.86]	100 [30.48]	125 [38.10]	150 [45.72]
			Minimum Vertical Separation—Feet [m]						Maximum Vertical Separation—Feet [m]					
3 Ton	3/8″ [9.53]	5/16 [7.94]	0	0	0	6 [1.83]	17 [5.18]	28 [8.53]	25 [7.62]	15 [4.57]	4 [1.22]	N/A	N/A	N/A
		3/8* [9.53]	0	0	0	0	0	0	25 [7.62]	30 [9.14]	26 [7.92]	23 [7.01]	19 [5.79]	16 [4.88]
3½ Ton	3/8″ [9.53]	5/16 [7.94]	0	0	0	13 [3.96]	28 [8.53]	43 [13.11]	25 [7.62]	17 [5.18]	2 [0.61]	N/A	N/A	N/A
		3/8* [9.53]	0	0	0	0	0	0	25 [7.62]	37 [11.28]	32 [9.75]	28 [8.53]	23 [7.01]	18 [5.49]
4 Ton	3/8″ [9.53]	3/8* [9.53]	0	0	0	0	0	0	25 [7.62]	33 [10.06]	27 [8.23]	21 [6.40]	15 [4.57]	9 [2.74]
		1/2 [12.57]	0	0	0	0	0	0	25 [7.62]	43 [13.11]	42 [12.80]	40 [12.19]	39 [11.89]	38 [11.58]
5 Ton	3/8″ [9.53]	3/8* [9.53]	0	0	0	0	0	9 [2.74]	25 [7.62]	25 [7.62]	17 [5.18]	8 [2.44]	0	N/A
		1/2 [12.57]	0	0	0	0	0	0	25 [7.62]	39 [11.89]	37 [11.28]	36 [10.97]	34 [10.36]	32 [9.75]

NOTES: *Standard line size
N/A = Application not recommended.

Suction Line Length/Size versus Capacity Multiplier (R-22)					
Unit Size		3 Ton	3½ Ton	4 Ton	5 Ton
Suction Line Connection Size		7/8" [22.23 mm] I.D.			
Suction Line Feet [m]		3/4" [19.05 mm] O.D. Opt. 7/8" [22.23 mm] O.D. Std.*	3/4" [19.05 mm] O.D. Opt. 7/8" [22.23 mm] O.D. Std.* 1 1/8" [28.58 mm] O.D. Opt.	7/8" [22.23 mm] O.D. Opt. 1 1/8" [28.58 mm] O.D. Std.*	
25' [7.62]	Optional	.99	.99	.99	.99
	Standard	1.00	1.00	1.00	1.00
	Optional	—	1.00	—	—
50' [15.24]	Optional	.98	.97	.98	.97
	Standard	.99	.98	.99	.99
	Optional	—	1.00	—	—
100' [30.48]	Optional	.95	.93	.95	.95
	Standard	.96	.96	.98	.98
	Optional	—	.98	—	—
150' [45.72]	Optional	.93	.92	.93	.93
	Standard	.94	.94	.96	.96
	Optional	—	.96	—	—

NOTES: *Standard line size
Using suction line larger than shown in chart will result in poor oil return and is not recommended.

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BEFORE PURCHASING THIS APPLIANCE, READ IMPORTANT ENERGY COST AND EFFICIENCY INFORMATION AVAILABLE FROM YOUR RETAILER.

GENERAL TERMS OF LIMITED WARRANTY*

Thermal Zone® will furnish a replacement for any part of this product which fails in normal use and service within the applicable period stated, in accordance with the terms of the limited warranty.

***For Complete Details of the Limited Warranty, Including Applicable Terms and Conditions, See the Thermal Zone® Warranty Card.**

Condenser Coil leaks caused by factory defects .....Five (5) Years
Compressor .....Five (5) Years
Any Other Part.....Five (5) Years

NOTES

Before proceeding with installation, refer to installation instructions packaged with each model, as well as complying with all Federal, State, Provincial, and Local codes, regulations, and practices.

"In keeping with its policy of continuous progress and product improvement, the right is reserved to make changes without notice."

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