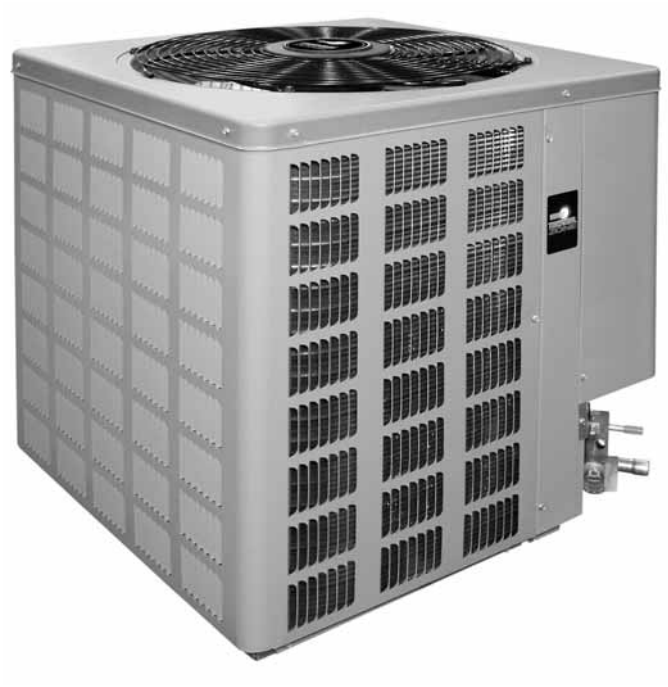
Featuring
Industry Standard
R-410A Refrigerant

R-410A

THERMAL® ZONE



13 SEER CONDENSING UNITS

Features

- 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.
- Filter Drier (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-3*-*C SERIES

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

c UL us LISTED

ENERGY STAR
(IN CERTAIN MATCHED SYSTEMS)

AHRI CERTIFIED
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Unitary Small AC
AHRI Standard 210/240

ENERGUIDE
Seasonal Energy Efficiency Ratio (SEER)
THIS MODEL 13.0
13.0 — Uses least energy → 21.0

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Model Features:

- Outdoor condensing unit designed for ground level or rooftop installations. These units offer comfort and dependability for single, multi-family and light commercial applications.
- 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
- Filter Drier (shipped – not installed)

Model Number Identification

TZ	A	L	—	3	18	—	2	A
THERMAL ZONE®	A = AIR CONDITIONER	DESIGN SERIES		3 = 13 SEER	NOMINAL COOLING CAPACITY		VOLTAGE	CABINET
					18 = 18,000 BTU/HR [5.28 kW] 24 = 24,000 BTU/HR [7.03 kW] 30 = 30,000 BTU/HR [8.79 kW] 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]		2 = 208-230 SINGLE PHASE D = 460V-3-60 C = 200/230V-3-60 Y = 575V-3-60	A = FULL METAL JACKET

Accessories

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

Scroll® Compressor

The reliable scroll compressor is the key to efficiency for this Thermal Zone® model. It's the latest in high-efficiency compressor technology. The advanced scroll compressor offers low noise and vibration characteristics and features tolerance to liquid refrigerant and system contamination. The scroll compressor also has low start torque, reducing start problems in the field. And its unique design enables air conditioners to perform efficiently and quietly.

[ ] Designates Metric Conversions

Performance Data @ AHRI Standard Conditions—Cooling

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. 5/17/12	TCFL-H*2417+RXMD-C04 ①	17,500 [5.1]	13,000 [3.8]	4,500 [1.3]	11.00	13.00	72	600 [283]
	RHAL-FR18P	17,900 [5.2]	14,300 [4.2]	3,600 [1.1]	11.00	13.00	72	600 [283]
	RHBL-FR24T	17,900 [5.2]	14,300 [4.2]	3,600 [1.1]	11.50	14.00	72	600 [283]
	TCFL-A*2414+RXMD-C04	17,500 [5.1]	13,000 [3.8]	4,500 [1.3]	11.00	13.00	72	600 [283]
	TCFL-A*2417(TZ92UP453TA)	17,900 [5.2]	13,300 [3.9]	4,600 [1.3]	12.00	14.50	72	575 [271]
	TCFL-A*2417(TZ92UP603TA)	18,000 [5.3]	13,300 [3.9]	4,700 [1.4]	12.00	14.50	72	600 [283]
	TCFL-A*2417(TZ92UP753TA)	17,900 [5.2]	13,300 [3.9]	4,600 [1.3]	11.50	14.00	72	625 [295]
318-2C	TCFL-A*2417(TZ92DH603TA)	17,900 [5.2]	13,300 [3.9]	4,600 [1.3]	12.00	14.50	72	625 [295]
	TCFL-A*2417+RXMD-C04	17,500 [5.1]	13,000 [3.8]	4,500 [1.3]	11.00	13.00	72	600 [283]
	TCFL-H*2417(TZ92UP453TA)	17,900 [5.2]	13,300 [3.9]	4,600 [1.3]	12.00	14.50	72	575 [271]
	TCFL-H*2417(TZ92UP603TA)	18,000 [5.3]	13,300 [3.9]	4,700 [1.4]	12.00	14.50	72	600 [283]
	TCFL-H*2417(TZ92UP753TA)	17,900 [5.2]	13,300 [3.9]	4,600 [1.3]	11.50	14.00	72	625 [295]
	TCFL-H*2417(TZ92DH603TA)	17,900 [5.2]	13,300 [3.9]	4,600 [1.3]	12.00	14.50	72	625 [295]
	TZHLL-2417(RCSL-H*2417)	17,900 [5.2]	13,300 [3.9]	4,600 [1.3]	12.00	14.50	72	600 [283]
	TZHSL-1817(RCSL-H*2417)	17,700 [5.2]	13,100 [3.8]	4,600 [1.3]	11.00	13.00	72	600 [283]
	TCFL-H*2417 ①	23,000 [6.7]	17,100 [5.0]	5,900 [1.7]	10.50	13.00	73	800 [378]
	RHAL-FR24P	23,400 [6.9]	18,500 [5.4]	4,900 [1.4]	11.00	13.00	73	800 [378]
	RHBL-FR24T	23,400 [6.9]	18,500 [5.4]	4,900 [1.4]	11.50	14.00	73	800 [378]
	TCFL-A*2414	23,000 [6.7]	17,100 [5.0]	5,900 [1.7]	10.50	13.00	73	800 [378]
	TCFL-A*2417	23,000 [6.7]	17,100 [5.0]	5,900 [1.7]	10.50	13.00	73	800 [378]
	TCFL-A*2417(TZ92UP453TA)	23,400 [6.9]	17,400 [5.1]	6,000 [1.8]	11.50	13.50	73	800 [378]
	TCFL-A*2417(TZ92UP603TA)	23,400 [6.9]	17,400 [5.1]	6,000 [1.8]	11.50	13.50	73	825 [389]
324-2C	TCFL-A*2417(TZ92UP753TA)	23,600 [6.9]	17,750 [5.2]	5,850 [1.7]	11.50	13.00	73	850 [401]
	TCFL-H*2414	23,000 [6.7]	17,100 [5.0]	5,900 [1.7]	10.50	13.00	73	800 [378]
	TCFL-H*2417(TZ92UP453TA)	23,400 [6.9]	17,400 [5.1]	6,000 [1.8]	11.50	13.50	73	800 [378]
	TCFL-H*2417(TZ92UP603TA)	23,400 [6.9]	17,400 [5.1]	6,000 [1.8]	11.50	13.50	73	825 [389]
	TCFL-H*2417(TZ92UP753TA)	23,600 [6.9]	17,750 [5.2]	5,850 [1.7]	11.00	13.00	73	850 [401]
	TZHKL-2417(RCSL-H*2417)	23,800 [7.0]	17,900 [5.2]	5,900 [1.7]	11.50	14.00	73	850 [401]
	TZHLL-2417(RCSL-H*2417)	23,600 [6.9]	17,500 [5.1]	6,100 [1.8]	12.00	14.50	73	775 [366]
	TZHSL-2417(RCSL-H*2417)	23,200 [6.8]	17,250 [5.1]	5,950 [1.7]	11.00	13.00	73	800 [378]
	TCFL-H*3617+RXMD-C04 ①	27,400 [8.0]	20,350 [6.0]	7,050 [2.1]	10.50	13.00	74	1,000 [472]
	RHAL-FR30P	28,400 [8.3]	22,600 [6.6]	5,800 [1.7]	11.00	13.00	74	975 [460]
	RHBL-FR36T	28,400 [8.3]	22,600 [6.6]	5,800 [1.7]	11.50	14.00	74	1,025 [484]
	TCFL-A*3617(TZ92UP453TA)	27,400 [8.0]	20,000 [5.9]	7,400 [2.2]	11.50	13.50	74	925 [437]
	TCFL-A*3617(TZ92UP603TA)	27,600 [8.1]	20,600 [6.0]	7,000 [2.1]	11.00	13.50	74	1,000 [472]
	TCFL-A*3617(TZ92UP753TA)	27,400 [8.0]	20,000 [5.9]	7,400 [2.2]	11.00	13.00	74	950 [448]
	TCFL-A*3617(TZ92DH603TA)	27,400 [8.0]	20,000 [5.9]	7,400 [2.2]	11.50	14.00	74	900 [425]
	TCFL-A*3617+RXMD-C04	27,400 [8.0]	20,350 [6.0]	7,050 [2.1]	10.50	13.00	74	1,000 [472]
	TCFL-A*3621(TZ92UP453TA)	27,400 [8.0]	20,000 [5.9]	7,400 [2.2]	11.50	13.50	74	925 [437]
	TCFL-A*3621(TZ92UP603TA)	27,600 [8.1]	20,600 [6.0]	7,000 [2.1]	11.00	13.50	74	1,000 [472]
330-2C	TCFL-A*3621(TZ92UP753TA)	27,400 [8.0]	20,200 [5.9]	7,200 [2.1]	11.00	13.00	74	950 [448]
	TCFL-A*3621(TZ92UP754TA)	27,600 [8.1]	20,400 [6.0]	7,200 [2.1]	11.00	13.00	74	975 [460]
	TCFL-A*3621(TZ92UP905TA)	27,600 [8.1]	20,400 [6.0]	7,200 [2.1]	11.50	14.00	74	950 [448]
	TCFL-A*3621(TZ92UP105TA)	27,800 [8.1]	20,600 [6.0]	7,200 [2.1]	11.50	13.50	74	1,025 [484]
	TCFL-A*3621+RXMD-C04	27,400 [8.0]	20,350 [6.0]	7,050 [2.1]	10.50	13.00	74	1,000 [472]
	TCFL-H*3617(TZ92UP453TA)	27,400 [8.0]	20,000 [5.9]	7,400 [2.2]	11.50	13.50	74	925 [437]
	TCFL-H*3617(TZ92UP603TA)	27,600 [8.1]	20,600 [6.0]	7,000 [2.1]	11.00	13.50	74	1,000 [472]
	TCFL-H*3617(TZ92UP753TA)	27,400 [8.0]	20,000 [5.9]	7,400 [2.2]	11.00	13.00	74	950 [448]
	TCFL-H*3617(TZ92DH603TA)	27,400 [8.0]	20,000 [5.9]	7,400 [2.2]	11.50	14.00	74	900 [425]
	TCFL-H*3621(TZ92UP453TA)	27,400 [8.0]	20,000 [5.9]	7,400 [2.2]	11.50	13.50	74	925 [437]

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

[ ] Designates Metric Conversions

Performance Data @ AHRI Standard Conditions—Cooling

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. 5/17/12	TCFL-H*3621(TZ92UP603TA)	27,600 [8.1]	20,600 [6.0]	7,000 [2.1]	11.00	13.50	74	1,000 [472]
	TCFL-H*3621(TZ92UP753TA)	27,400 [8.0]	20,200 [5.9]	7,200 [2.1]	11.00	13.00	74	950 [448]
	TCFL-H*3621(TZ92UP754TA)	27,600 [8.1]	20,400 [6.0]	7,200 [2.1]	11.00	13.00	74	975 [460]
	TCFL-H*3621(TZ92UP905TA)	27,600 [8.1]	20,400 [6.0]	7,200 [2.1]	11.50	14.00	74	950 [448]
	TCFL-H*3621(TZ92UP105TA)	27,800 [8.1]	20,600 [6.0]	7,200 [2.1]	11.50	13.50	74	1,025 [484]
330-2C	TCFL-H*3621(TZ92DH603TA)	27,600 [8.1]	20,000 [5.9]	7,600 [2.2]	11.50	14.00	74	900 [425]
	TCFL-H*3621(TZ95DH754TA)	28,200 [8.3]	21,200 [6.2]	7,000 [2.1]	11.50	14.00	74	1,050 [495]
	TCFL-H*3621(TZ95DH905TA)	28,000 [8.2]	20,800 [6.1]	7,200 [2.1]	12.00	14.50	74	975 [460]
	TZHKL-3617(RCSL-H*3617)	28,000 [8.2]	20,800 [6.1]	7,200 [2.1]	11.50	14.00	74	1,025 [484]
	TZHLL-3617(RCSL-H*3617)	28,000 [8.2]	20,800 [6.1]	7,200 [2.1]	11.50	14.00	74	1,000 [472]
	TZHSL-3017(RCSL-H*3617)	27,600 [8.1]	20,400 [6.0]	7,200 [2.1]	11.00	13.00	74	975 [460]
336-2C	TCFL-H*3617 ①	34,200 [10.0]	24,000 [7.0]	10,200 [3.0]	11.00	13.00	74	1,000 [472]
	RHAL-FR36P	34,800 [10.2]	26,200 [7.7]	8,500 [2.5]	11.00	13.00	74	1,175 [554]
	RHAL-FR36T	34,800 [10.2]	26,200 [7.7]	8,500 [2.5]	10.30	13.00	74	1,175 [554]
	RHBL-FR36T	34,800 [10.2]	26,200 [7.7]	8,500 [2.5]	10.75	14.00	74	1,150 [543]
	TCFL-A*3617	34,200 [10.0]	23,950 [7.0]	10,250 [3.0]	10.50	13.00	74	1,000 [472]
	TCFL-A*3617(TZ92UP453TA)	34,400 [10.1]	24,000 [7.0]	10,400 [3.0]	11.00	13.00	74	1,025 [484]
	TCFL-A*3617(TZ92UP603TA)	34,400 [10.1]	24,200 [7.1]	10,200 [3.0]	11.00	13.00	74	1,000 [472]
	TCFL-A*3617(TZ92DH603TA)	34,800 [10.2]	24,800 [7.3]	10,000 [2.9]	11.00	13.00	74	1,075 [507]
	TCFL-A*3621	34,200 [10.0]	23,950 [7.0]	10,250 [3.0]	10.50	13.00	74	1,000 [472]
	TCFL-A*3621(TZ92UP453TA)	34,400 [10.1]	24,000 [7.0]	10,400 [3.0]	11.00	13.00	74	1,025 [484]
	TCFL-A*3621(TZ92UP603TA)	34,400 [10.1]	24,200 [7.1]	10,200 [3.0]	11.00	13.00	74	1,000 [472]
	TCFL-A*3621(TZ92UP754TA)	34,400 [10.1]	24,000 [7.0]	10,400 [3.0]	11.00	13.00	74	975 [460]
	TCFL-A*3621(TZ92UP905TA)	35,000 [10.3]	24,800 [7.3]	10,200 [3.0]	11.50	13.00	74	1,075 [507]
	TCFL-A*3621(TZ92UP105TA)	34,600 [10.1]	24,200 [7.1]	10,400 [3.0]	11.50	13.50	74	1,025 [484]
	TCFL-A*3621(TZ92DH603TA)	35,000 [10.3]	24,800 [7.3]	10,200 [3.0]	11.50	13.00	74	1,075 [507]
	TCFL-A*3621(TZ95DH754TA)	35,400 [10.4]	25,400 [7.4]	10,000 [2.9]	11.50	13.50	74	1,125 [531]
	TCFL-A*3621(TZ95DH905TA)	35,200 [10.3]	25,200 [7.4]	10,000 [2.9]	11.50	13.50	74	1,100 [519]
	TCFL-H*3617(TZ92UP453TA)	34,400 [10.1]	24,000 [7.0]	10,400 [3.0]	11.00	13.00	74	1,025 [484]
	TCFL-H*3617(TZ92UP603TA)	34,400 [10.1]	24,200 [7.1]	10,200 [3.0]	11.00	13.00	74	1,000 [472]
	TCFL-H*3617(TZ92DH603TA)	34,800 [10.2]	24,800 [7.3]	10,000 [2.9]	11.00	13.00	74	1,075 [507]
	TCFL-H*3621	34,200 [10.0]	23,950 [7.0]	10,250 [3.0]	10.50	13.00	74	1,000 [472]
	TCFL-H*3621(TZ92UP453TA)	34,400 [10.1]	24,000 [7.0]	10,400 [3.0]	11.00	13.00	74	1,025 [484]
	TCFL-H*3621(TZ92UP603TA)	34,400 [10.1]	24,200 [7.1]	10,200 [3.0]	11.00	13.00	74	1,000 [472]
	TCFL-H*3621(TZ92UP754TA)	34,400 [10.1]	24,000 [7.0]	10,400 [3.0]	11.00	13.00	74	975 [460]
	TCFL-H*3621(TZ92UP905TA)	35,000 [10.3]	24,800 [7.3]	10,200 [3.0]	11.00	13.00	74	1,075 [507]
	TCFL-H*3621(TZ92UP105TA)	34,600 [10.1]	24,200 [7.1]	10,400 [3.0]	11.50	13.50	74	1,025 [484]
	TCFL-H*3621(TZ92DH603TA)	35,000 [10.3]	24,800 [7.3]	10,200 [3.0]	11.50	13.00	74	1,075 [507]
	TCFL-H*3621(TZ95DH754TA)	35,000 [10.3]	24,800 [7.3]	10,200 [3.0]	11.50	13.50	74	1,050 [495]
	TCFL-H*3621(TZ95DH905TA)	35,200 [10.3]	25,200 [7.4]	10,000 [2.9]	11.50	13.50	74	1,100 [519]
	RBHP-21(RCHL-36A1)	36,000 [10.5]	27,100 [7.9]	8,900 [2.6]	11.50	14.00	74	1,200 [566]
	TZHKL-3617(RCSL-H*3617)	35,800 [10.5]	26,250 [7.7]	9,550 [2.8]	11.50	14.00	74	1,025 [484]
	TZHLL-3617(RCSL-H*3617)	37,000 [10.8]	28,400 [8.3]	8,600 [2.5]	11.50	14.00	74	1,200 [566]
	TZHSL-3617(RCSL-H*3617)	35,800 [10.5]	26,850 [7.9]	8,950 [2.6]	11.00	13.00	74	1,100 [519]
	RHSL-HM3621(RCSL-H*3621)	36,000 [10.5]	27,150 [8.0]	8,850 [2.6]	11.00	13.00	74	1,125 [531]
342-2C	TCFL-H*4821+RXMD-C04 ①	39,500 [11.6]	28,900 [8.5]	10,600 [3.1]	10.50	13.00	75	1,375 [649]
	TCFL-A*4821(TZ92UP905TA)	39,000 [11.4]	27,600 [8.1]	11,400 [3.3]	11.00	13.00	75	1,225 [578]
	TCFL-A*4821(TZ92UP105TA)	39,000 [11.4]	27,000 [7.9]	12,000 [3.5]	11.00	13.00	75	1,150 [543]
	TCFL-A*4821(TZ95DH754TA)	40,000 [11.7]	28,800 [8.4]	11,200 [3.3]	11.50	13.50	75	1,325 [625]
	TCFL-A*4821(TZ95DH905TA)	39,500 [11.6]	28,000 [8.2]	11,500 [3.4]	11.50	13.50	75	1,250 [590]

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

[ ] Designates Metric Conversions

Performance Data @ AHRI Standard Conditions—Cooling

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. 5/17/12	TCFL-A*4821+RXMD-C04	39,500 [11.6]	28,900 [8.5]	10,600 [3.1]	10.50	13.00	75	1,375 [649]
	TCFL-A*4824(TZ92UP905TA)	39,000 [11.4]	27,800 [8.1]	11,200 [3.3]	11.00	13.00	75	1,225 [578]
	TCFL-A*4824(TZ92UP105TA)	39,000 [11.4]	27,000 [7.9]	12,000 [3.5]	11.00	13.50	75	1,150 [543]
	TCFL-A*4824(TZ92UP125TA)	39,500 [11.6]	27,800 [8.1]	11,700 [3.4]	11.50	13.50	75	1,225 [578]
	TCFL-A*4824(TZ95DH754TA)	40,000 [11.7]	28,800 [8.4]	11,200 [3.3]	11.50	13.50	75	1,325 [625]
	TCFL-A*4824(TZ95DH905TA)	39,500 [11.6]	28,000 [8.2]	11,500 [3.4]	11.50	13.50	75	1,250 [590]
	TCFL-A*4824(TZ92DH105TA)	40,000 [11.7]	29,800 [8.7]	10,200 [3.0]	11.50	13.50	75	1,425 [672]
	TCFL-A*4824+RXMD-C04	39,500 [11.6]	28,900 [8.5]	10,600 [3.1]	10.50	13.00	75	1,375 [649]
	TCFL-H*4821(TZ92DH603TA)	39,000 [11.4]	27,600 [8.1]	11,400 [3.3]	11.00	13.00	75	1,225 [578]
	TCFL-H*4821(TZ95DH754TA)	40,000 [11.7]	28,800 [8.4]	11,200 [3.3]	11.50	13.50	75	1,325 [625]
342-2C	TCFL-H*4821(TZ95DH905TA)	39,500 [11.6]	28,200 [8.3]	11,300 [3.3]	11.50	13.50	75	1,250 [590]
	TCFL-H*4824(TZ92UP905TA)	39,000 [11.4]	27,600 [8.1]	11,400 [3.3]	11.00	13.00	75	1,225 [578]
	TCFL-H*4824(TZ92UP105TA)	39,000 [11.4]	27,000 [7.9]	12,000 [3.5]	11.00	13.00	75	1,150 [543]
	TCFL-H*4824(TZ92UP125TA)	39,500 [11.6]	27,800 [8.1]	11,700 [3.4]	11.50	13.50	75	1,225 [578]
	TCFL-H*4824(TZ95DH754TA)	40,000 [11.7]	28,800 [8.4]	11,200 [3.3]	11.50	13.50	75	1,325 [625]
	TCFL-H*4824(TZ95DH905TA)	39,500 [11.6]	28,200 [8.3]	11,300 [3.3]	11.50	13.50	75	1,250 [590]
	TCFL-H*4824(TZ92DH105TA)	40,000 [11.7]	29,800 [8.7]	10,200 [3.0]	11.50	13.50	75	1,425 [672]
	TCFL-H*4824+RXMD-C04	39,500 [11.6]	28,900 [8.5]	10,600 [3.1]	10.50	13.00	75	1,375 [649]
	TZHKL-4821(RCSL-H*4821)	40,000 [11.7]	29,400 [8.6]	10,600 [3.1]	11.50	13.50	75	1,400 [661]
	TZHLL-4821(RCSL-H*4821)	40,000 [11.7]	29,400 [8.6]	10,600 [3.1]	11.50	14.00	75	1,400 [661]
	TZHSL-4221(RCSL-H*4821)	40,000 [11.7]	29,650 [8.7]	10,350 [3.0]	11.00	13.00	75	1,425 [672]
348-2C	TCFL-H*4821+RXMD-C04 ①	47,500 [13.9]	34,400 [10.1]	13,100 [3.8]	10.50	13.00	73	1,575 [743]
	TCFL-A*4821(TZ95DH754TA)	47,000 [13.8]	33,400 [9.8]	13,600 [4.0]	11.00	13.00	73	1,475 [696]
	TCFL-A*4821(TZ95DH905TA)	46,500 [13.6]	32,400 [9.5]	14,100 [4.1]	11.00	13.00	73	1,400 [661]
	TCFL-A*4821+RXMD-C04	47,500 [13.9]	34,400 [10.1]	13,100 [3.8]	11.00	13.00	73	1,575 [743]
	TCFL-A*4824(TZ92UP125TA)	47,000 [13.8]	32,800 [9.6]	14,200 [4.2]	11.00	13.00	73	1,425 [672]
	TCFL-A*4824(TZ95DH754TA)	47,000 [13.8]	33,400 [9.8]	13,600 [4.0]	11.00	13.00	73	1,475 [696]
	TCFL-A*4824(TZ95DH905TA)	46,500 [13.6]	32,400 [9.5]	14,100 [4.1]	11.00	13.00	73	1,400 [661]
	TCFL-A*4824(TZ92DH105TA)	47,000 [13.8]	32,800 [9.6]	14,200 [4.2]	11.00	13.00	73	1,425 [672]
	TCFL-H*4821(TZ95DH754TA)	47,000 [13.8]	33,400 [9.8]	13,600 [4.0]	11.00	13.00	73	1,475 [696]
	TCFL-H*4821(TZ95DH905TA)	47,000 [13.8]	32,400 [9.5]	14,600 [4.3]	11.00	13.00	73	1,400 [661]
	TCFL-H*4824(TZ92UP125TA)	47,000 [13.8]	32,800 [9.6]	14,200 [4.2]	11.00	13.00	73	1,425 [672]
	TCFL-H*4824(TZ95DH754TA)	47,000 [13.8]	33,400 [9.8]	13,600 [4.0]	11.00	13.00	73	1,475 [696]
	TCFL-H*4824(TZ95DH905TA)	46,500 [13.6]	32,400 [9.5]	14,100 [4.1]	11.00	13.00	73	1,400 [661]
	TCFL-H*4824(TZ92DH105TA)	47,000 [13.8]	32,800 [9.6]	14,200 [4.2]	11.00	13.00	73	1,425 [672]
	TCFL-H*4824+RXMD-C04	47,500 [13.9]	34,400 [10.1]	13,100 [3.8]	10.50	13.00	73	1,575 [743]
	TZHKL-4821(RCSL-H*4821)	47,000 [13.8]	32,800 [9.6]	14,200 [4.2]	11.50	13.50	73	1,400 [661]
	TZHLL-4821(RCSL-H*4821)	46,500 [13.6]	32,150 [9.4]	14,350 [4.2]	11.50	14.00	73	1,450 [684]
	TZHSL-4821(RCSL-H*4821)	46,000 [13.5]	33,300 [9.8]	12,700 [3.7]	10.50	13.00	73	1,550 [731]
	TZHKL-4824(RCSL-H*4824)	48,500 [14.2]	35,400 [10.4]	13,100 [3.8]	11.50	13.50	73	1,625 [767]
	TZHKL-6024(RCSL-H*4824)	48,000 [14.1]	34,800 [10.2]	13,200 [3.9]	11.50	14.00	73	1,600 [755]
	TZHLL-4824(RCSL-H*4824)	48,500 [14.2]	35,400 [10.4]	13,100 [3.8]	11.50	14.00	73	1,625 [767]
	TZHSL-4824(RCSL-H*4824)	46,000 [13.5]	33,300 [9.8]	12,700 [3.7]	10.50	13.00	73	1,550 [731]
360-2C	TCFL-H*6024+RXMD-C04 ①	56,500 [16.6]	38,950 [11.4]	17,550 [5.1]	10.50	13.00	74	1,525 [720]
	TCFL-A*6024+RXMD-C04	56,500 [16.6]	38,950 [11.4]	17,550 [5.1]	10.50	13.00	74	1,525 [720]
	TZHKL-6024(RCSL-H*6024)	60,500 [17.7]	46,550 [13.6]	13,950 [4.1]	11.50	13.50	74	1,800 [849]
	TZHLL-6024(RCSL-H*6024)	60,500 [17.7]	46,550 [13.6]	13,950 [4.1]	11.50	13.50	74	1,800 [849]

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

[ ] Designates Metric Conversions

Electrical and Physical Data

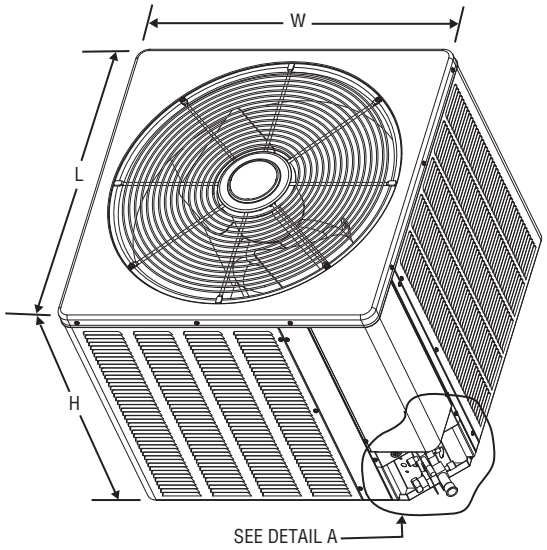
Model Number TZAL-	ELECTRICAL							PHYSICAL					
	Phase Frequency (Hz) Voltage (Volts)	Compressor		Fan Motor Full Load Amperes (FLA)	Minimum Circuit Ampacity Amperes	Fuse or HACR Circuit Breaker		Outdoor Coil			Refrig. Per Circuit Oz. [g]	Weight	
		Rated Load Amperes (RLA)	Locked Rotor Amperes (LRA)			Minimum Amperes	Maximum Amperes	Face Area Sq. Ft. [m²]	No. Rows	CFM [L/s]		Net Lbs. [kg]	Shipping Lbs. [kg]
Rev. 5/17/2012													
318-2C	1-60-208/230	9/9	46	0.6	12/12	15/15	20/20	7.13 [0.66]	1	1415 [668]	67.4 [1911]	120 [54.4]	128 [54.4]
324-2C	1-60-208/230	13.5/13.5	58.3	0.6	18/18	25/25	30/30	8.43 [0.78]	1	1665 [786]	67.8 [1922]	121 [54.9]	129 [54.9]
330-2C	1-60-208/230	12.8/12.8	64	0.8	17/17	25/25	25/25	8.7 [0.81]	1	2075 [979]	75 [2126]	139 [63.1]	147 [63.1]
336-2C	1-60-208/230	16.7/16.7	79	0.8	22/22	30/30	35/35	13.72 [1.27]	1	2540 [1199]	90.6 [2569]	149 [67.6]	157 [67.6]
342-2C	1-60-208/230	17.9/17.9	112	1.2	24/24	30/30	40/40	13.72 [1.27]	1	2540 [1199]	106 [3005]	149 [67.6]	157 [67.6]
348-2C	1-60-208/230	21.8/21.8	117	1.2	29/29	35/35	50/50	16.39 [1.52]	1	3290 [1553]	116.1 [3291]	188 [85.3]	192 [85.3]
360-2C	1-60-208/230	26.4/26.4	134	1.2	35/35	45/45	60/60	19.17 [1.78]	1	3380 [1595]	157.2 [4457]	223 [101.2]	234 [101.2]

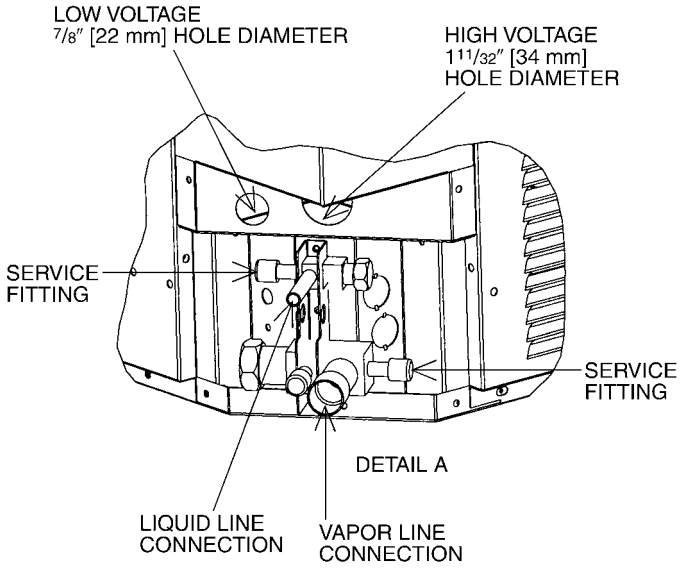
[ ] Designates Metric Conversions

Unit Dimensions

Model No. TZAL-	Unit Dimensions		
	Width "W" Inches	Length "L" Inches	Height "H" Inches
18, 24	23 5/8 [600]	23 5/8 [600]	24 1/4 [616]
30, 36, 42	27 5/8 [702]	27 5/8 [702]	24 1/4 [616]
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]

[ ] Designates Metric Conversions





Condensing Unit Refrigerant Line Size Information

Liquid Line Sizing (R-410A)															
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					
			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]					
1½ Ton	3/8″ [9.53]	1/4 [6.35]	0	0	0	0	8 [2.44]	24 [7.32]	25 [7.62]	40 [12.19]	25 [7.62]	9 [2.74]	N/A	N/A
		5/16 [7.94]	0	0	0	0	0	0	25 [7.62]	50 [15.24]	62 [18.90]	58 [17.68]	53 [16.15]	49 [14.94]
		3/8* [9.53]	0	0	0	0	0	0	25 [7.62]	50 [15.24]	75 [22.86]	72 [21.95]	70 [21.34]	68 [20.73]
2 Ton	3/8″ [9.53]	1/4 [6.35]	0	3 [0.91]	29 [8.84]	55 [16.76]	81 [24.69]	108 [32.92]	23 [7.01]	N/A	N/A	N/A	N/A	N/A
		5/16 [7.94]	0	0	0	0	0	0	25 [7.62]	36 [10.97]	29 [8.84]	23 [7.01]	16 [4.88]	9 [2.74]
		3/8* [9.53]	0	0	0	0	0	0	25 [7.62]	50 [15.24]	72 [21.95]	70 [21.34]	68 [20.73]	65 [19.81]
2½ Ton	3/8″ [9.53]	1/4 [6.35]	0	14 [4.27]	56 [17.07]	98 [29.87]	N/A	N/A	25 [7.62]	N/A	N/A	N/A	N/A	N/A
		5/16 [7.94]	0	0	0	0	0	0	25 [7.62]	49 [14.94]	38 [11.58]	27 [8.23]	17 [5.18]	6 [1.83]
		3/8* [9.53]	0	0	0	0	0	0	25 [7.62]	50 [15.24]	68 [20.73]	65 [19.81]	62 [18.90]	58 [17.68]
3 Ton	3/8″ [9.53]	5/16 [7.94]	0	0	0	0	0	9 [2.74]	25 [7.62]	50 [15.24]	37 [11.28]	22 [6.71]	7 [2.13]	N/A
		3/8* [9.53]	0	0	0	0	0	0	25 [7.62]	50 [15.24]	68 [20.73]	63 [19.20]	58 [17.68]	53 [16.15]
3½ Ton	3/8″ [9.53]	5/16 [7.94]	0	0	0	16 [4.88]	35 [10.67]	54 [16.46]	25 [7.62]	23 [7.01]	4 [1.22]	N/A	N/A	N/A
		3/8* [9.53]	0	0	0	0	0	0	25 [7.62]	50 [15.24]	43 [13.11]	36 [10.97]	30 [9.14]	24 [7.32]
4 Ton	3/8″ [9.53]	3/8* [9.53]	0	0	0	0	0	0	25 [7.62]	46 [14.02]	38 [11.58]	30 [9.14]	22 [6.71]	15 [4.57]
		1/2 [12.57]	0	0	0	0	0	0	25 [7.62]	50 [15.24]	56 [17.07]	55 [16.76]	53 [16.15]	52 [15.85]
5 Ton	3/8″ [9.53]	3/8* [9.53]	0	0	0	0	0	0	25 [7.62]	50 [15.24]	56 [17.07]	44 [13.41]	32 [9.75]	20 [6.10]
		1/2 [12.57]	0	0	0	0	0	0	25 [7.62]	50 [15.24]	75 [22.86]	81 [24.69]	79 [24.08]	76 [23.16]

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

Suction Line Length/Size versus Capacity Multiplier (R-410A)								
Unit Size		1½ Ton	2 Ton	2½ Ton	3 Ton	3½ Ton	4 Ton	5 Ton
Suction Line Connection Size		3/4" [19.05] I.D.				7/8" [22.23] I.D.		
Suction Line Run—Feet [m]		5/8" [15.88 mm] O.D. Opt. 3/4" [19.05 mm] O.D. Std.*		5/8" [15.88 mm] O.D. Opt. 3/4" [19.05 mm] O.D. Std.* 7/8" [22.23 mm] O.D. Opt.		3/4" [19.05 mm] O.D. Opt. 7/8" [22.23 mm] O.D. Std.*	7/8" [22.23 mm] O.D. Opt. 1 1/8" [28.58 mm] O.D. Std.*	
25' [7.62]	Optional Standard Optional	1.00 1.00 —	1.00 1.00 —	1.00 1.00 1.00	1.00 1.00 —	1.00 1.00 —	1.00 1.00 —	1.00 1.00 —
50' [15.24]	Optional Standard Optional	0.98 0.99 —	0.98 0.99 —	0.96 0.98 0.99	0.98 0.99 —	0.99 0.99 —	0.99 0.99 —	0.99 0.99 —
100' [30.48]	Optional Standard Optional	0.95 0.96 —	0.95 0.96 —	0.94 0.96 0.97	0.96 0.97 —	0.96 0.98 —	0.96 0.98 —	0.97 0.98 —
150' [45.72]	Optional Standard Optional	0.92 0.93 —	0.92 0.94 —	0.91 0.93 0.95	0.94 0.95 —	0.94 0.96 —	0.95 0.96 —	0.94 0.97 —

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

[ ] Designates Metric Conversions

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 and Conditional Warranties, including applicable terms and conditions, contact your local contractor or the Manufacturer for a copy of the product warranty certificate.**

Conditional Parts
(Registration Required) .....Ten (10) Years

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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