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# SUBMITTAL

NOTE: All dimensions are in mm/inches.

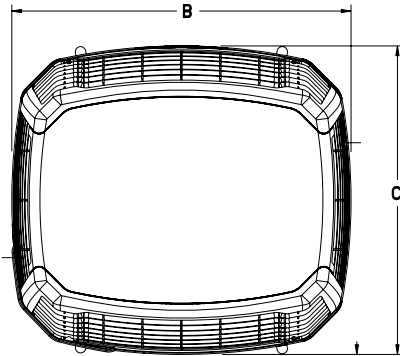
## 4 Ton Split System Cooling — 1 Phase

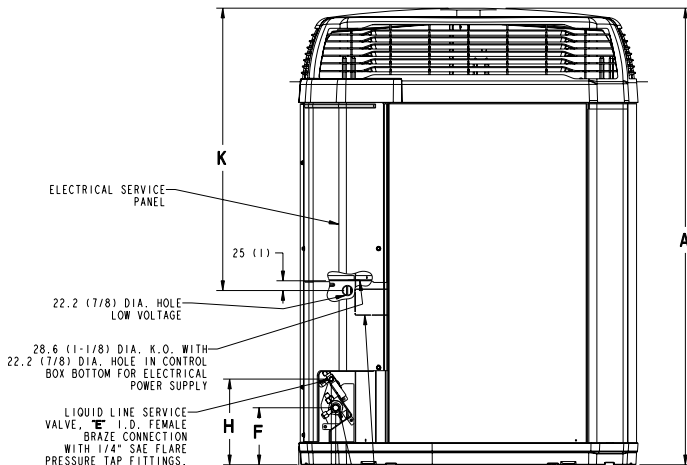
### with ComfortLink™ II and Charge Assist™ 2TTZ9048C1000A

#### Product Specifications

OUTDOOR UNIT ①②	2TTZ9048C1000A
<b>POWER CONNS.</b> — V/PH/HZ ③	200/230/1/60
MIN. BRCH. CIR. AMPACITY	25
BR. CIR. } MAX. (AMPS)	40
PROT. RTG. } MIN. (AMPS)	40
<b>COMPRESSOR</b>	CLIMATUFF®
NO. USED - NO. SPEEDS	2 - 1
VOLTS/PH/HZ	200/230/1/60
<b>1ST STAGE COMPRESSOR</b>	
R.L. AMPS ⑦ - L.R. AMPS	8.4 - 62
<b>2ND STAGE COMPRESSOR</b>	
R.L. AMPS ⑦ - L.R. AMPS	17.6 - 107
<b>FACTORY INSTALLED START COMPONENTS ⑧</b>	YES
<b>INSULATION/SOUND BLANKET</b>	YES
<b>COMPRESSOR HEAT</b>	YES
<b>OUTDOOR FAN</b>	PROPELLER
DIA. (IN.) - NO. USED	27.6 - 1
TYPE DRIVE - NO. SPEEDS	DIRECT - 2
CFM @ 0.0 IN. W.G. ④	4200/2630
NO. MOTORS - HP	1 - 1/3
MOTOR SPEED R.P.M.	850
VOLTS/PH/HZ	200/230/1/60
F.L. AMPS	2.8
<b>OUTDOOR COIL — TYPE</b>	SPINE FIN™
ROWS - F.P.I.	2 - 24
FACE AREA (SQ. FT.)	26.37
TUBE SIZE (IN.)	3/8
<b>REFRIGERANT</b>	
LBS. — HCFC-22 (O.D. UNIT) ⑤	14 LBS. - 11 OZ.
FACTORY SUPPLIED	YES
LINE SIZE - IN. O.D. GAS ⑥	1-1/8
LINE SIZE - IN. O.D. LIQ. ⑥	3/8
<b>CHARGING SPECIFICATION</b>	
SUBCOOLING (High Speed)	12°F
<b>DIMENSIONS</b>	H X W X D
CRATED (IN.)	53.4 x 35.1 x 38.7
<b>WEIGHT</b>	
SHIPPING (LBS.)	454
NET (LBS.)	406

- ① Certified in accordance with the Air-Source Unitary Air-conditioner Equipment certification program, which is based on ARI standard 210/240.
- ② Rated in accordance with ARI standard 270.
- ③ Calculated in accordance with Natl. Elec. Codes. Use only HACR circuit breakers or fuses.
- ④ Standard Air — Dry Coil — Outdoor
- ⑤ This value approximate. For more precise value see unit nameplate.
- ⑥ Max. linear length 60 ft.; Max. lift - Suction 25 ft.; Max lift - Liquid 25 ft.  
For greater length consult refrigerant piping software Pub. No. 32-3312-0\*  
(\* denotes latest revision).
- ⑦ This value shown for compressor RLA on the unit nameplate and on this specification sheet is used to compute minimum branch circuit ampacity and max. fuse size. The value shown is the branch circuit selection current.
- ⑧ No means no start components. Yes means quick start kit components. PTC means positive temperature coefficient starter.


 SERVICE PANEL  
 ELECTRICAL AND REFRIGERANT  
 COMPONENT CLEARANCES  
 PER PREVAILING CODES.

 UNIT SHOULD BE PLACED SO ROOF  
 RUN-OFF WATER DOES NOT POUR  
 DIRECTLY ON UNIT, AND SHOULD BE  
 AT LEAST 305 (12") FROM WALL AND ALL  
 SURROUNDING SHRUBBERY ON TWO SIDES.  
 OTHER TWO SIDES UNRESTRICTED.

**FIG. 1**

 K.O. FOR ALTERNATE  
 ELECTRICAL ROUTING  
 GAS LINE 1/4 TURN BALL SERVICE  
 VALVE, "F" I.D. FEMALE BRAZED CONNECTION  
 WITH 1/4" SAE FLARE PRESSURE  
 TAP FITTING.

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MODELS	BASE	FIG.	A	B	C	D	E	F	G	H	J	K
2TTZ9048C	4	1	1267 (49-7/8)	946 (37-1/4)	870 (34-1/4)	1 1/8	3/8	152 (6)	98 (3-7/8)	219 (8-5/8)	86 (3-3/8)	933 (36-3/4)

#### A-weighted Sound Power Level [dB(A)]

MODEL	SOUND POWER LEVEL [dB(A)]	A-WEIGHTED FULL OCTAVE SOUND POWER LEVEL dB - [dB(A)]							
		63	125	250	500	1000	2000	4000	8000
2TTZ9048C1	74	52.1	58.1	66.8	67.2	67.2	63	57.1	52.3

Note: Tested in accordance with ARI Standard 270.95. (Not listed with ARI)

# Mechanical Specification Options

## General

The 2TTZ9 is fully charged from the factory for matched indoor section and up to 15 feet of piping. This unit is designed to operate at outdoor ambient temperatures as high as 115°F. Cooling capacities are matched with a wide selection of air handlers and furnace coils that are A.R.I. certified. The unit is UL listed. Exterior is designed for outdoor application.

## ComfortLink™ II

This outdoor unit contains the ComfortLink™ II digital communication with 2 wire connection to outdoor and Plug-n-Play set up.

## Charge Assist™

The Charge Assist™ indicates system Charge Status.

## Casing

Unit casing is constructed of heavy gauge, G60 galvanized steel and painted with a weather-resistant powder paint on all louvers, panels, prepaint on all other panels. Corrosion and weather-proof CMBP-G30 DuraTuff™ base.

## Refrigerant Controls

Refrigeration system controls include condenser fan, compressor contactor and high pressure switch. High and low pressure controls are inherent to the compressor. A factory installed liquid line drier is standard.

## Compressor

The Climatuff® compressor features a 10 year limited warranty, internal over temperature and pressure protection and total dipped hermetic motor. Other features include: roto lock suction and discharge refrigerant connections, centrifugal oil pump and low vibration and noise.

## Condenser Coil

The outdoor coil provides low airflow resistance and efficient heat transfer. The coil is protected on all four sides by louvered panels and has a 10 year limited warranty.

## Low Ambient Cooling

As manufactured, this unit has a cooling capability to 55°F.

## Comfort Control

ComfortLink™ II Control with Plug-n-Play set up and 3 wire connection.



ARI Standard  
210/240 UAC



10/07



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