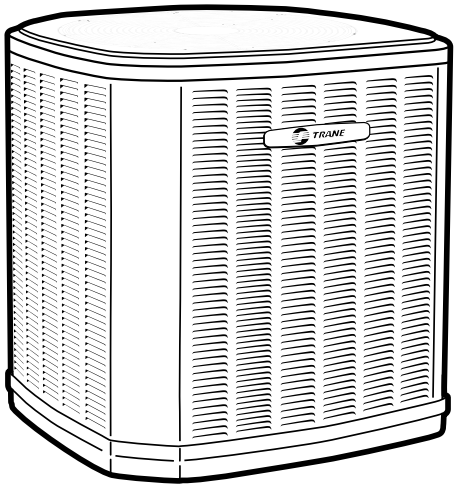
Submittal

Split System Cooling

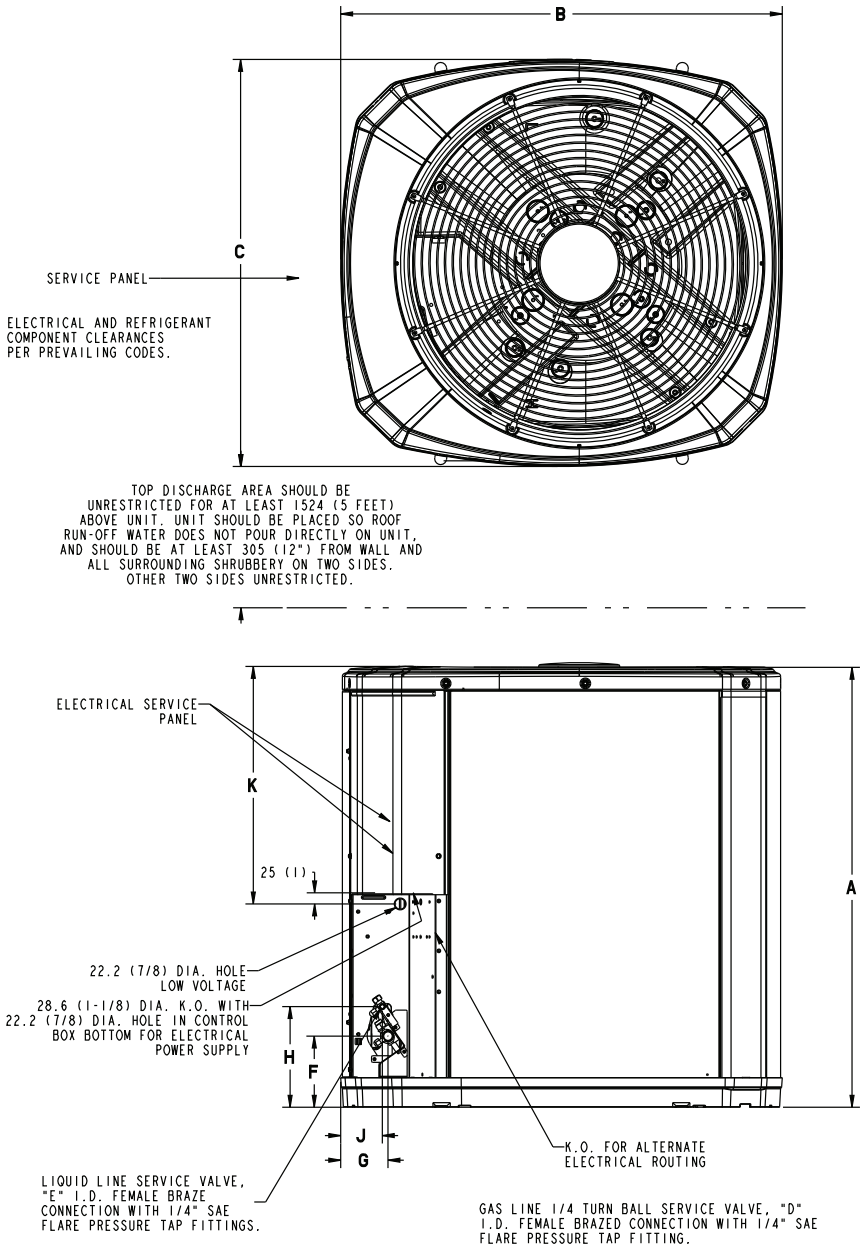
4TTR4036N1000A
4TTR4036N1000B



Note: *"Graphics in this document are for representation only. Actual model may differ in appearance."*

October 2022

4TTR4036N-SUB-1B-EN



Model	Base	A	B	C	D	E	F	G	H	J	K
4TTR4036N	3	832 (32-3/4)	829 (32-5/8)	756 (29-3/4)	3/4	3/8	127 (5)	76 (3)	197 (7-3/4)	60 (2-3/8)	508 (20)

SOUND POWER LEVEL									
Model	A-Weighted Sound Power Level [dB(A)]	Full Octave Sound Power [dB]							
		63 Hz*	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz
4TTR4036N	71	78	72	69	68	66	61	58	53
Note: Rated in accordance with AHRI Standard 270–2008 *For reference only									

Product Specifications

OUTDOOR UNIT [a] [b]	4TTR4036N1000A	4TTR4036N1000B
POWER CONNS. — V/PH/HZ [c]	208/230/1/60	208/230/1/60
MIN. BRCH. CIR. AMPACITY	16	18
BR. CIR. PROT. RTG. — MAX. (AMPS)	25	30
COMPRESSOR	CLIMATUFF®- SCROLL	CLIMATUFF®- SCROLL
NO. USED — NO. STAGES	1 — 1	1 — 1
VOLTS/PH/HZ	208/230/1/60	208/230/1/60
R.L. AMPS [d] — L.R. AMPS	12.2 — 80.1	14.1 — 87.4
FACTORY INSTALLED		
START COMPONENTS [e]	NO (Uses BAYKSKT263)	NO (Uses BAYKSKT263)
INSULATION/SOUND BLANKET	NO	NO
COMPRESSOR HEAT	NO	NO
OUTDOOR FAN	PROPELLER	PROPELLER
DIA. (IN.) — NO. USED	23 — 1	23 — 1
TYPE DRIVE — NO. SPEEDS	DIRECT — 1	DIRECT — 1
CFM @ 0.0 IN. W.G. [f]	3248	3248
NO. MOTORS — HP	1 — 1/8	1 — 1/8
MOTOR SPEED R.P.M.	850	850
VOLTS/PH/HZ	208/230/1/60	208/230/1/60
F.L. AMPS	0.77	0.77
OUTDOOR COIL — TYPE	SPINE FIN™	SPINE FIN™
ROWS — F.P.I.	1 — 24	1 — 24
FACE AREA (SQ. FT.)	18.75	18.75
TUBE SIZE (IN.)	3/8	3/8
REFRIGERANT		
LBS. — R-410A (O.D. UNIT) [g]	5 LBS., 11 OZ	5 LBS., 11 OZ
FACTORY SUPPLIED	YES	YES
LINE SIZE — IN. O.D. GAS [h]	3/4	3/4
LINE SIZE — IN. O.D. LIQ.	3/8	3/8
CHARGING SPECIFICATIONS		
SUBCOOLING	10°F	10°F
DIMENSIONS	H X W X D	H X W X D
CRATED (IN.)	38 x 30.1 x 33	38 x 30.1 x 33
WEIGHT		
SHIPPING (LBS.)	183	183
NET (LBS.)	156	156

[a] Certified in accordance with the Air-Source Unitary Air-conditioner Equipment certification program, which is based on AHRI standard 210/240.
[b] Rated in accordance with AHRI standard 270.
[c] Calculated in accordance with Natl. Elec. Codes. Use only HACR circuit breakers or fuses.
[d] 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.
[e] Use start components only when compressor is found to enter locked rotor condition and will not start or when lights dim at compressor start. No means no start components. Yes means quick start kit components. PTC means positive temperature coefficient starter. Optional kit shown.
[f] Standard Air — Dry Coil — Outdoor
[g] This value approximate. For more precise value see unit nameplate.
[h] Max. linear length 60 ft.; Max. lift — Suction 60 ft.; Max. lift — Liquid 60 ft. For greater length consult refrigerant piping software Pub. No. 32–3312–0* (* denotes latest revision).

Mechanical Specification Options

General

The outdoor condensing units are factory charged with the system charge required for the outdoor condensing unit, ten (10) feet of tested connecting line, and the smallest rated indoor evaporative coil match. 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 AHRI certified. The unit is certified to UL 1995. Exterior is designed for outdoor application.

Casing

Unit casing is constructed of heavy gauge, galvanized steel and painted with a weather-resistant powder paint finish. The corner panels are prepainted. All panels are subjected to our 1,000 hour salt spray test.

Refrigerant Controls

Refrigeration system controls include condenser fan, compressor contactor and low and high pressure switches. A factory supplied, field installed liquid line drier is standard.

Compressor

The compressor features internal over temperature and pressure protection. Other features include: 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.

Low Ambient Cooling

As manufactured, this system has a cooling capacity to 55°F. The addition of an evaporator defrost control permits operation to 40°F. The addition of an evaporator defrost control with TXV permits low ambient cooling to 30°F.

The addition of the BAYLOAM107A low ambient kit permits ambient cooling to 20°F.

Thermostats – Cooling only and heat/cooling (manual and automatic change over). Sub-base to match thermostat and locking thermostat cover.

Trane - by Trane Technologies (NYSE: TT), a global innovator - creates comfortable, energy efficient indoor environments for commercial and residential applications. For more information, please visit trane. com or tranetechnologies.com.

The AHRI Certified mark indicates Trane U.S. Inc. participation in the AHRI Certification program. For verification of individual certified products, go to ahridirectory. org.

Trane has a policy of continuous data improvement and it reserves the right to change design and specifications without notice. We are committed to using environmentally conscious print practices.

4TTR4036N-SUB-1B-EN 28 Oct 2022
Supersedes 4TTR4036N-SUB-1A-EN (March 2022)