

QUICK REFERENCE DATA

*T4QD Series - Split System Heat Pump

MODEL NUMBER: *T4QD			024KA	030KA	036KA	042K	048K	060K
Electrical Data	Volts-Cycles-Phase (1)		208/230-60-1					
	Total Amps		14.6	15.3	17.8	19.4	23.2	27.7
	Delay Fuse Max. (2)		30	30	35	40	50	60
	Min. Circuit Ampacity		18.0	18.8	22.0	23.9	28.7	34.3
Condenser Data	Coil	Area	20.3	22.8	25.3	22.8	25.3	25.3
		Rows-FPI	1-18	1-20	1-20	2-16	2-16	2-16
		Tube Dia	3/8" O.D.					
	Fan Motor	Type	PSC					
		Amps	1.2	1.2	1.2	1.46	1.46	1.46
		HP	0.2	0.2	0.2	0.25	0.25	0.25
	Compressor Data	RLA	13.4	14.1	16.6	17.9	21.8	26.2
LRA		58.3	73.0	79.0	112.0	117.0	134.0	
Refrigerant suction line O.D		0-24 ft.	3/4"	3/4"	7/8"	7/8"	7/8"	7/8"
NOTE: Liquid line is 3/8" O.D. for entire length.		25-39 ft.	3/4"	3/4"	7/8"	7/8"	7/8"	1-1/8" (3)
		40-75 ft.	3/4"	3/4"	7/8"	7/8"	7/8"	1-1/8" (3)
Refrigerant charge R-410A in ounces for outdoor unit & 15' lineset. (4)			125	148	158	249	254	254
Approximate Weight (lbs.)	Net		171	176	181	247	280	290
	Ship		180	185	190	260	295	305

- (1) Operating Voltage Range: 187v min. — 253v max.
- (2) HACR Type Circuit Breakers may be used.
- (3) Requires 7/8" to 1-1/8" adapter from unit to line.
- (4) Additional charge for line sets above 15 feet. Values based on suction line as follows with 3/8" liquid line.
 - (a) 3/4" = 0.6 oz. per additional foot.
 - (b) 7/8" = 0.7 oz. per additional foot.
 - (c) 1 1/8" = 0.8 oz. per additional foot.

Table 1. Electrical Specifications & Physical Data

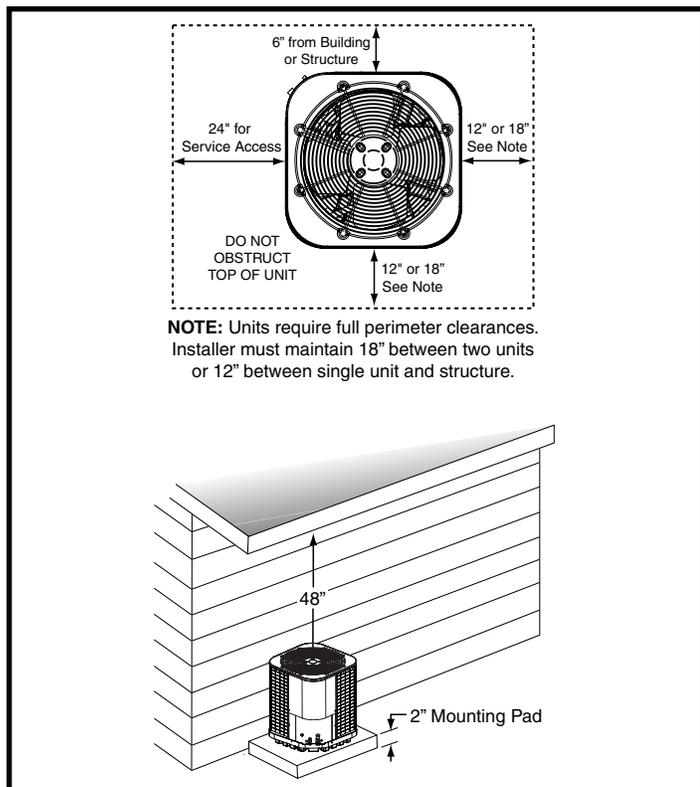
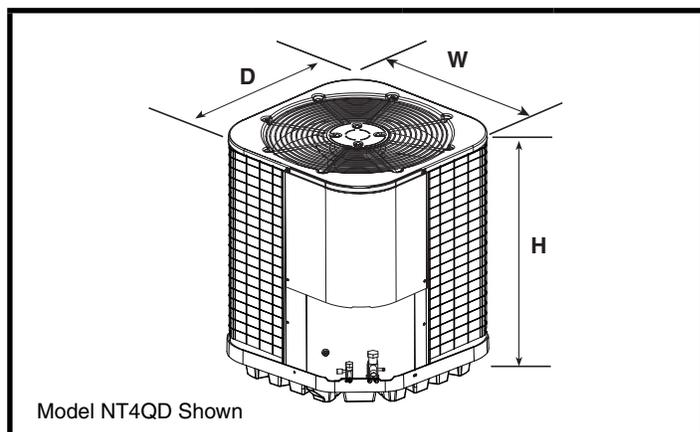


Figure 1. Clearance Requirements

Thermostat Wire Gauge	Recommended T-Stat Wire Unit to T-Stat (Length in FT)	
	2-Wire (Heating)	5-Wire (Heating/Cooling)
24	55	25
22	90	45
20	140	70
18	225	110

Table 2. Thermostat Wire Gauge



MODEL NUMBER	HEIGHT (H)	WIDTH (W)	DEPTH (D)
*T4QD-024K	35 1/2"	30 3/4"	30 3/4"
*T4QD-030K	39 1/2"	30 3/4"	30 3/4"
*T4QD-036K	43 1/2"	30 3/4"	30 3/4"
*T4QD-042K	39 1/2"	30 3/4"	30 3/4"
*T4QD-048K	43 1/2"	30 3/4"	30 3/4"
*T4QD-060K	43 1/2"	30 3/4"	30 3/4"

Table 3. Unit Dimensions

Instructions:

1. Find the column for the model of outdoor unit that is being installed.
2. Find the row for the model of the indoor unit that is being installed.
3. Find the cell in the table in which this row and column meet. In this cell the appropriate orifice / TXV and charge addition for this match are listed. If the text in this cell is BOLD, then a change of orifice is necessary.
4. If a change in restrictor is necessary, then the appropriate restrictor will already be supplied with the outdoor unit.

Examples:

- For the *T4QD-024KA / C8QAM024U-B match, the appropriate restrictor is the .055” and no additional charge needs to be added. (NO CHANGES ARE NECESSARY)
- For the *T4QD-048K / CM4Q-54U match, the correct TXV is supplied with the indoor unit and no additional charge needs to be added. (NO CHANGES REQUIRED)

ID Restrictor Installed With ID Unit	Model No. *T4QD		24KA	30KA	36KA	42K	48K	60K
	OD Restrictor Installed with OD Unit		0.041	0.048	0.055	0.055	0.058	0.058
	Total System Charge (Oz.)		125	148	158	249	254	254
	MODELS	SUPPLIED WITH ID	REQUIRED RESTRICTOR OR TXV / CHARGE ADDITION (OZ)					
C8								
C8QAM024U-B	0.055	0.055 / 0	--	--	--	--	--	
C8QAM030U-B	0.061	--	0.061 / 0	--	--	--	--	
C8QAM036U-B	0.067	--	--	0.067 / 0	--	--	--	
CM4								
CM4Q-53U	TXV	--	--	--	TXV / 0	TXV / 0	--	
CM4Q-54U	TXV	--	--	--	TXV / 0	TXV / 0	TXV / 0	
CM4Q-56U	TXV	--	--	--	--	--	TXV / 0	

NOTES:

- The charges listed are only valid for the standard 15' lineset.
- Numbers listed as 0.*** are restrictor diameters, while numbers listed as 669*** are TXV part numbers.

Table 4. Restrictor or TXV / Charge Addition (Oz)

