



Electrical Data

(Standard Efficiency)

Table 24. Unit Wiring with Electric Heat (Single Point Connection) – Standard Refrigeration System (Downflow and Horizontal)

Tons	Unit Model Number	Heater Model Number	Heater kW Rating	Control Stages	Standard Indoor Motor		Oversize Indoor Motor	
					MCA	Max Fuse Size or Max Circuit Breaker	MCA	Max Fuse Size or Max Circuit Breaker ⁽¹⁾
208/230 Volts Three Phase								
12½	TC*150E3	AYDHTRK318A/AYHHTRN318A	13.5/18.0	1	68/68	80/80	74/76	90/90
		AYDHTRK336A/AYHHTRP336A	27.0/36.0	2	108/122	110/125	115/130	125/150
		AYDHTRK354A/AYHHTRP354A	40.5/54.0	2	154/176	175/200	162/184	175/200
15	TC*180E3	AYDHTRK318A/AYHHTRN318A	13.5/18.0	1	76/76	100/100	82/82	100/100
		AYDHTRK336A/AYHHTRP336A	27.0/36.0	2	108/122	110/125	115/130	125/150
		AYDHTRK354A/AYHHTRP354A	40.5/54.0	2	154/176	175/200	162/184	175/200
17½	TC*210E3	AYDHTRK336A/AYHHTRN336A	27.0/36.0	2	115/130	125/150	125/139	125/150
		AYDHTRK354A/AYHHTRN354A	40.5/54.0	2	162/184	175/200	171/193	175/200
		AYDHTRK372A/AYHHTRN372A	54.0/72.0	2	209/238	225/250	218/247	225/250
20	TC*240E3	AYDHTRK336A/AYHHTRN336A	27.0/36.0	2	115/130	150/150	125/139	150/150
		AYDHTRK354A/AYHHTRN354A	40.5/54.0	2	162/184	175/200	171/193	175/200
		AYDHTRK372A/AYHHTRN372A	54.0/72.0	2	209/238	225/250	218/247	225/250
460 Volts Three Phase								
12½	TC*150E4	AYDHTRL418A/AYHHTRN418A	18.0	1	34	40	37	45
		AYDHTRK436A/AYHHTRP436A	36.0	2	61	70	64	70
		AYDHTRK454A/AYHHTRP454A	54.0	2	88	90	91	100
15	TC*180E4	AYDHTRL418A/AYHHTRN418A	18.0	1	39	50	42	50
		AYDHTRK436A/AYHHTRP436A	36.0	2	61	70	64	70
		AYDHTRK454A/AYHHTRP454A	54.0	2	88	90	91	100
17½	TC*210E4	AYDHTRL436A/AYHHTRN436A	36.0	2	64	70	68	70
		AYDHTRL454A/AYHHTRN454A	54.0	2	91	100	95	100
		AYDHTRK472A/AYHHTRN472A	72.0	2	118	125	123	125
20	TC*240E4	AYDHTRL436A/AYHHTRN436A	36.0	2	64	70	68	70
		AYDHTRL454A/AYHHTRN454A	54.0	2	91	100	95	100
		AYDHTRK472A/AYHHTRN472A	72.0	2	118	125	123	125
575 Volts Three Phase								
12½	TC*150EW	AYDHTRKW18A/AYHHTRNW18A	18.0	1	27	30	30	30
		AYDHTRMW36A/AYHHTRPW36A	36.0	2	49	50	51	60
		AYDHTRKW54A/AYHHTRPW54A	54.0	2	70	70	73	80
15	TC*180EW	AYDHTRKW18A/AYHHTRNW18A	18.0	1	30	40	32	40
		AYDHTRMW36A/AYHHTRPW36A	36.0	2	49	50	51	60
		AYDHTRKW54A/AYHHTRPW54A	54.0	2	70	70	73	80
17½	TC*210EW	AYDHTRMW36A/AYHHTRMW36A	36.0	2	51	60	55	60
		AYDHTRLW54A/AYHHTRNW54A	54.0	2	73	80	77	80
		AYDHTRKW72A/AYHHTRNW72A	72.0	2	95	100	98	100
20	TC*240EW	AYDHTRMW36A/AYHHTRMW36A	36.0	2	51	60	55	60
		AYDHTRLW54A/AYHHTRNW54A	54.0	2	73	80	77	80
		AYDHTRKW72A/AYHHTRNW72A	72.0	2	95	100	98	100

⁽¹⁾ Values do not include power exhaust accessory.

* Indicates both downflow and horizontal units.