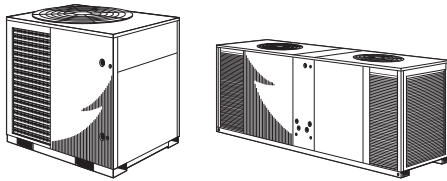


Split System Heat Pumps Three Phase – 6-20 Tons, R-410A



TWA – 6-20 Tons

- **ReliaTel™** controls (standard)
- (1) Scroll compressor (TWA072-120A)
- (2) Scroll compressors (TWA072-240D) with independent refrigerant circuits
- Single point power
- Compressor motor overload protection
- Compressor discharge temperature limit switch
- Control transformer
- High and low pressure cut-out switches
- Demand Defrost Control
- Internal pressure relief valves
- Electrical phase reversal protection
- Holding charge (Dry Nitrogen)
- Copper tube, aluminum plate fin coils
- Low ambient cooling to 50°F as shipped
- Low ambient cooling to 0°F with accessory head pressure control
- Mounting/lifting rails under base
- UL listed
- **5-year compressor warranty** (TWA072A, TWA090A, TWA120A, TWA180D, TWA240A)
- **1-year limited parts warranty**
- **Optional Extended Warranties**

Model Number Description — Heat Pump Condenser

Digit 1–3 — Unit Function

TWA = Split System Heat Pump

Digit 4–6 — Tonnage

072 = 6 Tons (60Hz)

090 = 7.5 Tons (60Hz)

120 = 10 Tons (60Hz)

180 = 15 Tons (60Hz)

240 = 20 Tons (60Hz)

Digit 7 — Refrigerant

4 = R-410A

Digit 8 — Voltage

3 = 208-230VAC - 3 PH (60Hz)

4 = 460VAC - 3 PH (60Hz)

W = 575VAC - 3 PH (60Hz)

K = 380VAC - 3 PH (60Hz)

Digit 9 — Refrigeration Circuit/Stage

A = 1 Compressor/1 Line/1 Stage (Single)

D = 2 Compressors/2 Line/2 Stage (Duals)

Digit 10 — Major Design Sequence

A = Rev A

Digit 11 — Minor Design Sequence

B = Rev B

Digit 12–13 — Service Digits

00 = 00

Digit 14 — Efficiency Generation

A = Generation A

Digit 15 — Controls

R = ReliaTel™

Digit 16 — None

0 = None

Digit 17 — Coil Protection

0 = Standard Coil

1 = Standard Coil w/ Hail Guard

2 = Black Epoxy Pre-Coated Condenser Coil (FIN/TUBE)

3 = Black Epoxy Pre-Coated Condenser Coil with Hail Guard (FIN/TUBE)

Digit 18-20 — None

0 = None

Digit 21 — Communications Options

0 = No Option

2 = LonTalk® Communications Interface (LCI)

Digit 22-40 — None

0 = None

Table LSH-1-A — TWA Split System Heat Pumps — Single Compressor with Single Refrigerant Circuits — R-410 Refrigerant

Model Number	Power Supply	AHRI Net Cooling Cap. (BTUH)	Uncrated Dimensions(in.)			Shipping Weight (lbs.)	Sound ^① Rating	MCA*	Max. Fuse*	Line Size (in)	
			H	W	L					OD Gas	OD Liq.
TWA07243A	208-230/3/60	80,000	45	45	38	360	84	31	50	1 ³ / ₈	1 ¹ / ₂
TWA09043A	208-230/3/60	86,000	45	45	38	382	83	34	50	1 ³ / ₈	1 ¹ / ₂
TWA12043A	208-230/3/60	123,000	52.1	55	42	495	90	46	70	1 ³ / ₈	1 ¹ / ₂
TWA07244A	460/3/60	80,000	45	45	38	360	84	15	25	1 ³ / ₈	1 ¹ / ₂
TWA09044A	460/3/60	86,000	45	45	38	382	83	18	30	1 ³ / ₈	1 ¹ / ₂
TWA12044A	460/3/60	123,000	52.1	55	42	495	90	25	40	1 ³ / ₈	1 ¹ / ₂
TWA0724WA	575/3/60	80,000	45	45	38	360	84	11	15	1 ³ / ₈	1 ¹ / ₂
TWA0904WA	575/3/60	86,000	45	45	38	382	83	13	20	1 ³ / ₈	1 ¹ / ₂
TWA1204WA	575/3/60	123,000	52.1	55	42	495	90	22	35	1 ³ / ₈	1 ¹ / ₂

Table LSH-1-B — TWA Split System Heat Pumps — Dual Compressors with Two Sets of Refrigerant Circuits — R-410 Refrigerant

Model Number	Power Supply	AHRI Net Cooling Cap. (BTUH)	Uncrated Dimensions(in.)			Shipping Weight (lbs.)	Sound ^① Rating	MCA*	Max. Fuse*	Line Size (in)	
			H	W	L					OD Gas	OD Liq.
TWA07243D	208-230/3/60	77,000	45	55	42	413	84	27	35	7 ⁷ / ₈	1 ¹ / ₂
TWA09043D	208-230/3/60	93,000	45	55	42	466	83	33	45	1 ¹ / ₈	1 ¹ / ₂
TWA12043D	208-230/3/60	118,000	52.1	55	42	478	90	46	70	1 ¹ / ₈	1 ¹ / ₂
TWA18043D	208-230/3/60	188,000	51.1	96	48	874	93	66	90	1 ¹ / ₈	1 ¹ / ₂
TWA24043D	208-230/3/60	248,000	51.1	96	48	1003	94	86	110	1 ³ / ₈	5 ⁵ / ₈
TWA07244D	460/3/60	77,000	45	55	42	413	84	15	20	7 ⁷ / ₈	1 ¹ / ₂
TWA09044D	460/3/60	93,000	45	55	42	466	83	15	20	1 ¹ / ₈	1 ¹ / ₂
TWA12044D	460/3/60	118,000	52.1	55	42	478	90	20	25	1 ¹ / ₈	1 ¹ / ₂
TWA18044D	460/3/60	188,000	51.1	96	48	874	93	32	40	1 ¹ / ₈	1 ¹ / ₂
TWA24044D	460/3/60	248,000	51.1	96	48	1003	94	46	60	1 ³ / ₈	5 ⁵ / ₈
TWA0724WD	575/3/60	77,000	45	55	42	413	84	10	15	7 ⁷ / ₈	1 ¹ / ₂
TWA0904WD	575/3/60	93,000	45	55	42	466	83	11	15	1 ¹ / ₈	1 ¹ / ₂
TWA1204WD	575/3/60	118,000	52.1	55	42	478	90	15	20	1 ¹ / ₈	1 ¹ / ₂
TWA1804WD	575/3/60	188,000	51.1	96	48	874	93	25	30	1 ³ / ₈	1 ¹ / ₂
TWA2404WD	575/3/60	248,000	51.1	96	48	1003	94	35	45	1 ³ / ₈	5 ⁵ / ₈

① Sound rating shown is tested in accordance with ARI Standard 270 or 370.

* Information subject to change. Please confirm with current Product Data/Service Facts for current factory production.

For complete equipment / combination selections, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installers Guides and Limited Warranty Handbooks.