

TAG: _____

SUBMITTAL

1-1/2 - 5 ton Coils, Split System Aluminum Heat Pump / Cooling Coils Cased Upflow/Downflow Horizontal A4MX Series Coils

PRODUCT SPECIFICATIONS --- SPLIT SYSTEM HEAT PUMP / COOLING COILS CASED UPFLOW / DOWNFLOW / HORIZONTAL

	A4MXA1824AC6HA	A4MXB1832AC6HA	A4MXA3036AC6HA	A4MXB3642AC6HA	A4MXC3642AC6HA
INDOOR COIL -- Type	PLATE FIN	PLATE FIN	PLATE FIN	PLATE FIN	PLATE FIN
Cooling Capacity (Tons)	1.5 - 2.0	1.5 - 2.5	2.5 - 3.0	3.0 - 3.5	3.0 - 3.5
Rows / F.P.I.	2 / 20	3 / 14	2 / 20	3 / 12	3 / 12
Face Area (sq.ft.)	3.5	3.5	4.5	5.0	5.0
Tube Size	3/8	3/8	3/8	3/8	3/8
Refrigerant Control	Fixed Orifice	Fixed Orifice	Fixed Orifice	Fixed Orifice	Fixed Orifice
Internal check valve	Yes	Yes	Yes	Yes	Yes
Drain Conn. Size (in.)	3/4 NPT	3/4 NPT	3/4 NPT	3/4 NPT	3/4 NPT
Duct Connections	See Outline Drawing	See Outline Drawing	See Outline Drawing	See Outline Drawing	See Outline Drawing
REFRIGERANT CONNECTIONS	R-410A BRAZED	R-410A BRAZED	R-410A BRAZED	R-410A BRAZED	R-410A BRAZED
Line Size -- Gas (in.)	3/4	3/4	3/4	7/8	7/8
Line Size -- Liquid (in.)	3/8	3/8	3/8	3/8	3/8
DIMENSIONS (in.)	H X W X D	H X W X D	H X W X D	H X W X D	H X W X D
Crated (H x W x D)	21-9/16 x 18-1/2 x 27-1/2	21-9/16 x 21-1/2 x 27-1/2	26-9/16 x 18-1/2 x 27-1/2	26-9/16 x 21-1/2 x 27-1/2	26-9/16 x 25 x 27-1/2
Uncrated	17-1/2 x 14-1/2 x 21-1/2	17-1/2 x 17-1/2 x 21-1/2	22-1/2 x 14-1/2 x 21-1/2	22-1/2 x 17-1/2 x 21-1/2	22-1/2 x 21 x 21-1/2
WEIGHT (lbs)	44 / 36	50 / 42	49 / 41	58 / 50	60 / 52
Shipping -- Net					
	A4MXB4248AC6HA	A4MXC4248AC6HA	A4MXD4248AC6HA	A4MXC4260AC3HA	A4MXD4260AC3HA
INDOOR COIL -- Type	PLATE FIN	PLATE FIN	PLATE FIN	PLATE FIN	PLATE FIN
Cooling Capacity (Tons)	3.5 - 4.0	3.5 - 4.0	3.5 - 5.0	3.5 - 5.0	3.5 - 5.0
Rows / F.P.I.	3 / 14	3 / 14	3 / 14	3 / 16	3 / 16
Face Area (sq.ft.)	5.5	6.0	6.0	7.0	7.0
Tube Size	3/8	3/8	3/8	3/8	3/8
Refrigerant Control	Fixed Orifice	Fixed Orifice	Fixed Orifice	Non-Bleed TXV	Non-Bleed TXV
Internal check valve	Yes	Yes	Yes	Yes	Yes
Drain Conn. Size (in.)	3/4 NPT	3/4 NPT	3/4 NPT	3/4 NPT	3/4 NPT
Duct Connections	See Outline Drawing	See Outline Drawing	See Outline Drawing	See Outline Drawing	See Outline Drawing
REFRIGERANT CONNECTIONS	R-410A BRAZED	R-410A BRAZED	R-410A BRAZED	R-410A BRAZED	R-410A BRAZED
Line Size -- Gas (in.)	7/8	7/8	7/8	7/8	7/8
Line Size -- Liquid (in.)	3/8	3/8	3/8	3/8	3/8
DIMENSIONS (in.)	H X W X D	H X W X D	H X W X D	H X W X D	H X W X D
Crated (H x W x D)	30-13/16 x 21-1/2 x 27-1/2	30-13/16 x 25 x 27-1/2	30-5/8 x 28-1/2 x 27-1/2	34-3/4 x 25 x 27-1/2	34-3/4 x 28-1/2 x 27-1/2
Uncrated	26-3/4 x 17-1/2 x 21-1/2	26-3/4 x 21 x 21-1/2	26-3/4 x 24-1/2 x 21-1/2	30-3/4 x 21 x 21-1/2	30-3/4 x 24-1/2 x 21-1/2
WEIGHT (lbs)	63 / 55	69 / 61	72 / 64	78 / 70	81 / 73
Shipping -- Net					

[1] These indoor coils are A.H.R.I. certified with various split system air conditioners and heat pumps (A.H.R.I. Standard 210/240). Refer to the Split System Outdoor product information site or www.ahrinet.org

Installer's Guide

Outline Drawing for models: A4MXXA1824AC6HA, A4MXXB1832AC6HA, A4MXXC3036AC6HA, A4MXXB3642AC6HA, A4MXXC3642AC6HA, A4MXXB4248AC6HA, A4MXXC4248AC6HA, A4MXXB4248AC6HA, A4MXXC4248AC6HA, A4MXXD4248AC6HA, A4MXXC4260AC3HA, A4MXXD4260AC3HA

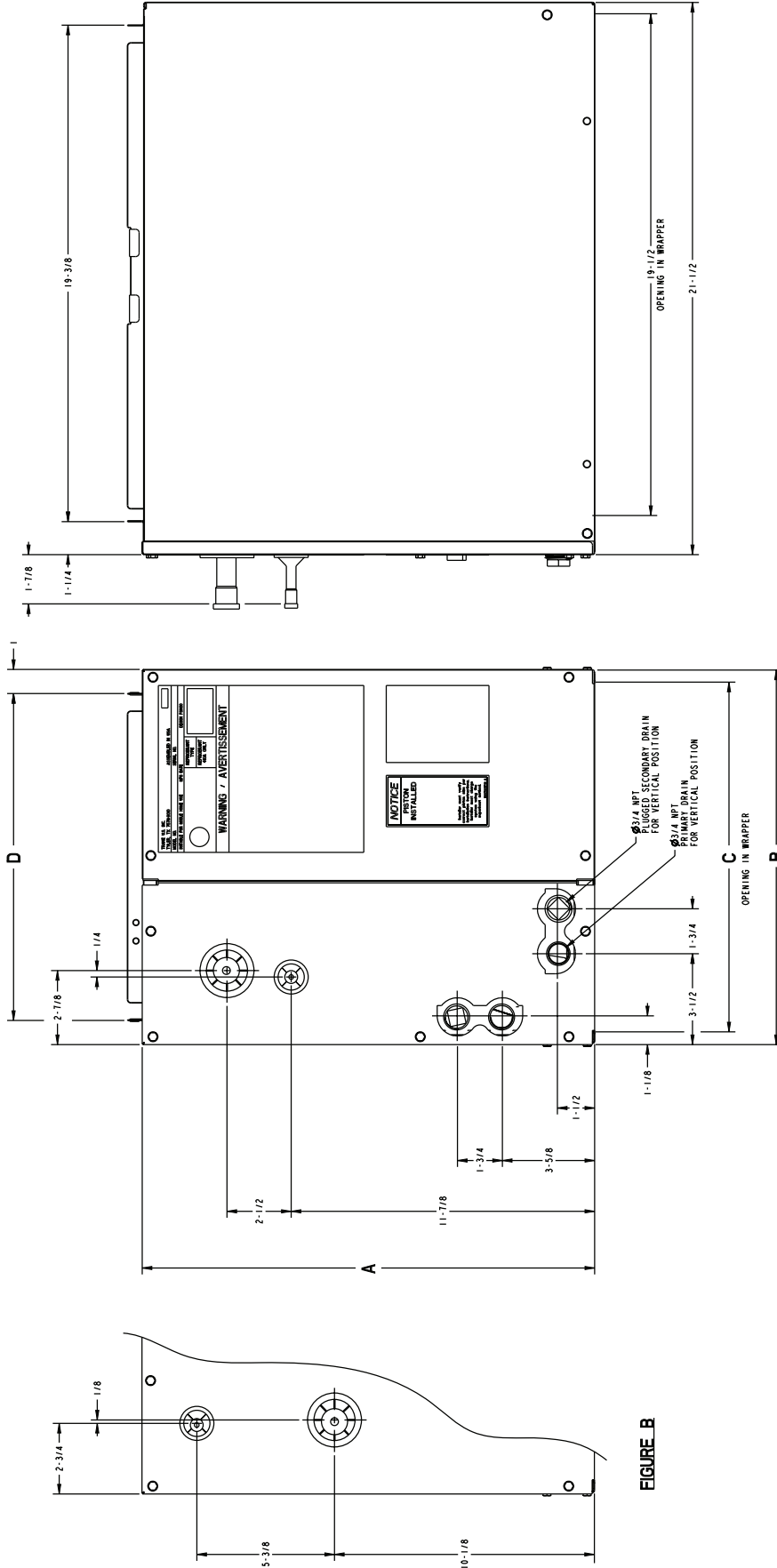


FIGURE B

FIGURE A

From Dwg. D346409 RevA

MODEL	A4MXXA1824AC6HA	A4MXXB1832AC6HA	A4MXXC3036AC6HA	A4MXXB3642AC6HA	A4MXXC3642AC6HA	A4MXXB4248AC6HA	A4MXXC4248AC6HA	A4MXXD4248AC6HA	A4MXXC4260AC3HA	A4MXXD4260AC3HA
SEE FIGURE	FIGURE A	FIGURE B	FIGURE A	FIGURE A	FIGURE A	FIGURE A	FIGURE A	FIGURE A	FIGURE A	FIGURE A
SHIPPING WEIGHT (LBS.)	44	50	49	58	60	63	69	72	78	81
REFRIGERANT CONTROL				FCCV (FLOW CONTROL/CHECK VALVE)						TXV (NON-BLEED)
HEIGHT "A" (IN.)	17-5/8	17-5/8	22-1/2	22-1/2	22-1/2	26-7/8	26-7/8	26-7/8	30-3/4	30-3/4
OVERALL WIDTH "B" (IN.)	14-1/2	17-1/2	14-1/2	17-1/2	21	17-1/2	21	24-1/2	21	24-1/2
OVERALL WIDTH "C" (IN.)	13-5/8	16-5/8	13-5/8	16-5/8	20-1/8	16-5/8	20-1/8	26-5/8	20-1/8	26-5/8
TOP OPENING "D"	12-3/4	15-3/4	12-3/4	15-3/4	19-1/4	15-3/4	19-1/4	22-3/4	19-1/4	22-3/4
GAS CONNECTION		3/4								
LIQUID CONNECTION										
MATCHED FURNACE WIDTH (NO ADAPTER REQUIRED)	14-1/2	17-1/2	14-1/2	17-1/2	21	17-1/2	21	24-1/2	21	24-1/2
DRAIN PAN										

Mechanical Specifications

General

Upflow, Downflow, or Horizontal coils shall be designed for cooling and heat pump applications. The coil shall be 3/8" seamless aluminum tubing mechanically bonded to aluminum plate fin.

Refrigerant for the A4MX coils shall be controlled with factory installed piston or Non-Bleed TXV refrigerant control. Refrigerant connections are brazed fittings.

The coil cabinet shall have a removable front and interior access panel for evaporator coil entering air surface cleaning.

The coil includes a vertical drain pan with primary and secondary drain connections for vertical operation and a horizontal drain pan with primary and secondary drain connections for horizontal operation.

These coils are A.H.R.I. certified.

Accessories

The following TXV accessories may be used with these coils as needed. Refer to kit installation guide for further details.

- 4AYTXVH4A1830A Adjustable TXV Kit
- 4AYTXVH4A3042A Adjustable TXV Kit
- 4AYTXVH4A4860A Adjustable TXV Kit

PRESSURE DROP CHARACTERISTICS FOR COOLING AND HEAT PUMP COILS AIRFLOW (CFM) VS. PRESSURE DROP							
PRESSURE DROP (INCHES OF WATER COLUMN)							
Model	0.1	0.15	0.2	0.25	0.3	0.35	0.4
A4MXA1824AC6HA	450	575	685	785	875	960	1045
A4MXB1832AC6HA	525	665	790	900	1000	1095	1185
A4MXA3036AC6HA	565	725	860	985	1100	1205	1310
A4MXB3642AC6HA	655	825	970	1100	1220	1330	1435
A4MXC3642AC6HA	775	970	1145	1300	1440	1570	1695
A4MXB4248AC6HA	625	790	935	1065	1185	1295	1400
A4MXC4248AC6HA	760	965	1140	1300	1445	1580	1710
A4MXD4248AC6HA	870	1100	1305	1485	1650	1805	1950
A4MXC4260AC3HA	740	945	1120	1280	1425	1565	1695
A4MXD4260AC3HA	835	1065	1265	1445	1615	1770	1915

Since the manufacturer has a policy of continuous product and product data improvement, it reserves the right to change specifications and design without notice.

6200 Troup Highway
Tyler, TX 75707



Library	Unitary
Product Section	Coils
Product	Coil
Model	A4MX
Literature Type	Submittal
Date	01/20
File No.	A4MX-SUB-1B-EN
Supersedes	A4MX-SUB-1A-EN