OXBOX™
A TRANE® BRAND

J5MXC-SUB-1A

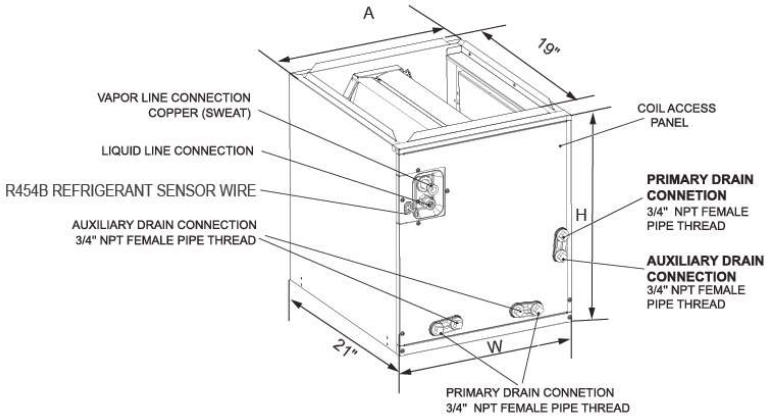
TAG: _____

SUBMITTAL

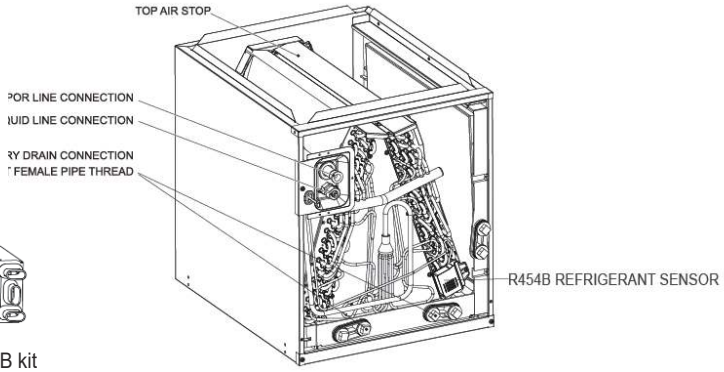
1-1/2 - 5 Ton All Aluminum Cased Coil Upflow/Downflow/Horizontal

J5MXC Series Coils

Outline Drawing for models: J5MXCA003AC6HCA, J5MXCB004AC6HCA, J5MXCC005AC6HCA, J5MXCB016AC6HCA, J5MXCC017AC6HCA, J5MXCD018AC6HCA, J5MXCC009AC6HCA,J5MXCD010AC6HCA



MCB kit



MODELS	Unit Dimensions IN. [mm]					WEIGHT (LBS. [kg])
	UNIT HEIGHT "H"	UNIT WIDTH "W"	SUPPLY DUCT "A"	"W1"	LIQUID LINE/ VAPOR LINE	
J5MXCA003AC6HCA	20 [508]	14-1/2 [368]	13 [330]	13-1/2 [343]	3/8 / 3/4	44 [20]
J5MXCB004AC6HCA	20 [508]	17-1/2 [445]	16 [407]	16-1/2 [419]	3/8 / 3/4	46 [21]
J5MXCC005AC6HCA	20 [508]	21 [533]	19-1/2 [495]	20 [508]	3/8 / 3/4	49 [22]
J5MXCB016AC6HCA	30 [762]	17-1/2 [445]	16 [407]	16-1/2 [419]	3/8 / 3/4	73 [33]
J5MXCC017AC6HCA	30 [762]	21 [533]	19-1/2 [495]	20 [508]	3/8 / 3/4	73 [33]
J5MXCD018AC6HCA	30 [762]	24-1/2 [622]	23 [584]	23-1/2 [597]	3/8 / 3/4	75 [34]
J5MXCC009AC6HCA	30 [762]	21 [533]	19-1/2 [495]	20 [508]	3/8 / 3/4	82 [37]
J5MXCD010AC6HCA	30 [762]	24-1/2 [622]	23 [584]	23-1/2 [597]	3/8 / 3/4	86 [39]

Submittal

PRODUCT SPECIFICATIONS ---1-1/2 - 5 Ton All Aluminum Cased Coil Upflow/Downflow/Horizontal

	J5MXCA003AC6HCA	J5MXCB004AC6HCA	J5MXCC005AC6HCA	J5MXCB016AC6HCA
INDOOR COIL -- Type	PLATE FIN	PLATE FIN	PLATE FIN	PLATE FIN
Coil only (Tons)	1.5 - 3.0	1.5 - 3.0	1.5 - 3.0	1.5 - 3.5
Coil and Furnace (Tons)	1.5 - 3.0	1.5 - 3.0	1.5 - 3.0	1.5 - 3.5
Rows / F.P.I.	4 / 17	4 / 17	4 / 17	3 / 14
Face Area (sq.ft.)	3.9	3.9	3.9	6.1
Tube Size(in.)	2/7	2/7	2/7	3/8
Refrigerant Control (No internal check valve)	Piston	Piston	Piston	Piston
Drain Conn. Size (in.)	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
REFRIGERANT CONNECTIONS	R-454B BRAZED+THREADED	R-454B BRAZED+THREADED	R-454B BRAZED+THREADED	R-454B BRAZED+THREADED
Line Size -- Gas (in.)	3/4	3/4	3/4	3/4
Line Size -- Liquid (in.)	3/8	3/8	3/8	3/8
DIMENSIONS (in.)	W X H X D	W X H X D	W X H X D	W X H X D
Crated (H x W x D)	24-15/16x24-3/16x22-1/4	24-15/16x20-5/8x22-1/4	21-3/8 x 20-1/2 x 26-1/2	24-15/16× 20-5/8×32-5/16
Uncrated	21x14-1/2x20	21x17-1/2x20	21x21x20	21x17-1/2x30
WEIGHT (lbs) Net -- Shipping	44/48.5	46/51	49/55	73/79

	J5MXCC017AC6HCA	J5MXCD018AC6HCA	J5MXCC009AC6HCA	J5MXCD010AC6HCA
INDOOR COIL -- Type	PLATE FIN	PLATE FIN	PLATE FIN	PLATE FIN
Coil only (Tons)	1.5 - 3.5	3.0 - 3.5	3.0 - 5.0	3.0 - 5.0
Coil and Furnace (Tons)	1.5 – 4.0	3.0 – 4.0	3.0 - 5.0	3.0 - 5.0
Rows / F.P.I.	3 / 14	3 / 14	4 / 14	4 / 14
Face Area (sq.ft.)	6.1	6.1	6.1	6.1
Tube Size	3/8	3/8	3/8	3/8
Refrigerant Control (No internal check valve)	Piston	Piston	Piston	Piston
Drain Conn. Size (in.)	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
REFRIGERANT CONNECTIONS	R-454B BRAZED+THREADED	R-454B BRAZED+THREADED	R-454B BRAZED+THREADED	R-454B BRAZED+THREADED
Line Size -- Gas (in.)	3/4	3/4	3/4	3/4
Line Size -- Liquid (in.)	3/8	3/8	3/8	3/8
DIMENSIONS (in.)	W X H X D	W X H X D	W X H X D	W X H X D
Crated (H x W x D)	24-15/16× 24-3/16×32-5/16	24-15/16× 27-9/16× 32-5/16	24-15/16× 24-3/16× 32-5/16	24-15/16× 27-9/16× 32-5/16
Uncrated	21x21x30	21x24-1/2x30	21x21x30	21x24-1/2x30
WEIGHT (lbs) Shipping -- Net	73/79	75/82	82/88	86/93

[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

[2] A TXV may be required to achieve minimum efficiency ratings or for long refrigerant line set applications. Refer to AHRI for system combination ratings. Refer to the outdoor unit installation guide to charge the system when using a TXV.

The TXV kit part numbers needed for system:

Outdoor Unit Capacity (Tons)	TXV kit part numbers
1.5-3.0	5AYTXVH3A1836A
3.5-4.0	5AYTXVH3A4248A
5.0	5AYTXVH3A6000A

Mechanical Specifications

General

Upflow, Downflow and Horizontal coils shall be designed for cooling and heatpump applications.

Refrigerant for the J5MXC coils shall be controlled with factory installed piston refrigerant control. Refrigerant connections are threaded for liquid line and brazed for vapor line fittings with an additional Schrader Valve for system service. -TXV

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

The coil includes 2 drain pans with connections for vertical and horizontal operation.

These coils are A.H.R.I. certified with Oxbox's matching condensing units.

Pressure drop characteristics for cooling and heat pump coils								
Pressure drop (Inchs of water)								
Model	.05	0.1	0.15	0.2	0.25	0.3	0.35	0.4
J5MXCA003AC6HCA	307	485	618	729	823	911	991	1063
J5MXCB004AC6HCA	327	527	682	810	925	1024	1122	1217
J5MXCC005AC6HCA	360	585	748	893	1019	1132	1238	1348
J5MXCB016AC6HCA	456	638	810	953	1077	1191	1284	1390
J5MXCC017AC6HCA	505	726	932	1098	1244	1375	1494	1604
J5MXCD018AC6HCA	533	857	1105	1319	1509	1675	1824	1956
J5MXCC009AC6HCA	439	699	906	1071	1224	1362	1487	1589
J5MXCD010AC6HCA	466	764	978	1157	1313	1466	1590	1695

C ETL US LISTED
Intertek

The manufacturer 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.

J5MXC-SUB-1A 3 July 2024
Supersedes /

© 2024