

Split System – Cased Heat Pump and Cooling Coils



**4MXC
Multi-Position
Cased Coils**

Table AMCOIL-1-A – Aluminum Single Stage Cased Coil (Upflow/Downflow/Horizontal) R-410A Refrigerant

Model Number	Cooling Capacity Range (Tons)	Coil Type	Refrigerant Control	Outlet Dim. (in.) W/H x D	Overall Dim. (in.) H x W x D	Shipping Weight (lbs.)	Line Size OD Gas	Line Size OD Liq.
4MXCA003AC6HCB	1.5 - 3.0	A	FCCV ^①	13 x 19	20 x 14.5 x 21	51	3/4	3/8
4MXCB004AC6HCB	1.5 - 3.0	A	FCCV ^①	16 x 19	20 x 17.5 x 21	55	3/4	3/8
4MXCC005AC6HCB	2.5 - 3.0	A	FCCV ^①	19 1/2 x 19	20 x 21 x 21	59	3/4	3/8
4MXCB006AC6HCB	3.0 - 4.0	A	FCCV ^①	16 x 19	26 x 17.5 x 21	66	7/8	3/8
4MXCC007AC6HCB	3.0 - 4.0	A	FCCV ^①	19 1/2 x 19	26 x 21 x 21	70	7/8	3/8
4MXCD008AC6HCB	3.5 - 4.0	A	FCCV ^①	23 x 19	26 x 24.5 x 21	74	7/8	3/8
4MXCC009AC3HCB	3.5 - 5.0	A	FCCV ^①	19 1/2 x 19	30 x 21 x 21	91	7/8	3/8
4MXCD010AC3HCB	3.5 - 5.0	A	FCCV ^①	23 x 19	30 x 24.5 x 21	95	7/8	3/8
4MXCB016AC6HCB ^②	3.0 - 4.0	A	FCCV ^①	16 x 19	30 x 17.5 x 21	82	7/8	3/8
4MXCC017AC6HCB ^②	3.0 - 4.0	A	FCCV ^①	19 1/2 x 19	30 x 21 x 21	88	7/8	3/8
4MXCD018AC6HCB ^②	3.5 - 4.0	A	FCCV ^①	23 x 19	30 x 24.5 x 21	92	7/8	3/8

^① All coils shipped with a Fixed Metering Device (Flow Control Check Valve - FCCV). Some rated combinations require a TXV kit, ordered separately. See the coil Installer's Guide for Orifice and TXV matches.

^② Enhanced models for use in heating.

Will be transitioning to unpainted cabinet during 2022.

Table AMCOIL-1-B – Features

	4MXC
• All aluminum coil	✓
• 100% foil lined insulation	✓
• Factory installed fixed orifice. Additional orifices supplied.	✓
• Optional accessory TXV Kit with mechanical fittings available for higher performance ratings ^①	✓
• Easy case attachment to furnace.....	✓
• Upflow application	✓
• Downflow application	✓
• Horizontal Right application.....	✓
• Horizontal Left application	✓
• Single sloped non-corrosive drain pan.....	✓
• Unpainted galvanized steel cabinet.....	✓
• 10-year limited warranty on coil, & all other functional parts, with registration*	✓
• Commercial Applications: Limited Warranty Coil and Parts 1 year	✓

^① Reference AHRI ratings to find correct TXV kit or reference Product Data for additional information.

* Registered Limited Warranty terms are available when you register within 60 days of installation. You can register online at ameristarhvac.com or by phone at 855-260-2975, otherwise Ameristar's Base Limited Warranty terms will apply. Base Limited Warranty information on specific products can be found on ASDealerNet.com.

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Table AMCOIL-2-A – Refrigerant TXV Kits for 4MXC Coils

Tons	R-410A TXV Kit (If required)	R-22 TXV Kit (If required)
1.5-3.0	4AYTXVH3G2436A	2AYTXVH3G2436A
3.5-4.0	4AYTXVH3G4248A	2AYTXVH3G4248A
5	4AYTXVH3G6000A	2AYTXVH3G6000A

Note: Additional R-22 Kit combinations can be found in the Accessories section.

Table COIL-2-B – Orifice kit table for 4MXC coils

Outdoor Unit Capacity (Tons)	Orifice Size (R410A)	Orifice Kit	Orifice Size (R22)	Orifice Kit
1.5	0.052	MAYORIACHP0052B	0.052	MAYORIACHP0052B
2	0.058	MAYORIACHP0058B	0.058	MAYORIACHP0058B
2.5*	0.063 / 0.065	MAYORIACHP0063B / 065A	0.065	MAYORIACHP0065A
3	0.070	MAYORIACHP0070B	0.072	MAYORIACHP0072B
3.5	0.075	MAYORIACHP0075B	0.078	MAYORIACHP0078B
4	0.083	MAYORIACHP0083B	0.088	MAYORIACHP0088B
5	0.090	MAYORIACHP0090B	0.096	MAYORIACHP0096B

Note: Orifice size needed for system combination may not be pre-installed. See Table 1 in coil Installation Manual for pre-installed size.

* Necessary Orifice sizes varies for this tonnage. See Table 3 in coil Installation Manual.