



Split System – Cased Heat Pump and Cooling Coils



**A4MX
Multi-Position
Cased Coils**

Table RTCOIL-1-A — Aluminum Single Staged System Cased Coil (Upflow/Downflow/Horizontal) ①

Model Number	Cooling Capacity Range (Tons)	Coil Type	Refrigerant Control	Outlet Dim. (in.) W/H x D	Overall Dimensions (in.)			Shipping Weight (lbs.)	Line Size (in)	
					H	W	D		OD Gas	OD Liq.
A4MXA1824AC6HA	1.5 - 2.0	A	FCCV③	12 ³ / ₄ x 19 ³ / ₈	17.5	14.5	21.5	44	³ / ₄	³ / ₈
A4MXB1832AC6HA	1.5 - 2.5	A	FCCV③	15 ³ / ₄ x 19 ³ / ₈	17.5	17.5	21.5	50	³ / ₄	³ / ₈
A4MXA3036AC6HA	2.5 - 3.0	A	FCCV③	12 ³ / ₄ x 19 ³ / ₈	22.5	14.5	21.5	49	³ / ₄	³ / ₈
A4MXB3642AC6HA	3.0 - 3.5	A	FCCV③	15 ³ / ₄ x 19 ³ / ₈	22.5	17.5	21.5	58	⁷ / ₈	³ / ₈
A4MXC3642AC6HA	3.0 - 3.5	A	FCCV③	19 ¹ / ₄ x 19 ³ / ₈	22.5	21.0	21.5	60	⁷ / ₈	³ / ₈
A4MXB4248AC6HA	3.5 - 4.0	A	FCCV③	15 ³ / ₄ x 19 ³ / ₈	26.9	17.5	21.5	63	⁷ / ₈	³ / ₈
A4MXC4248AC6HA	3.5 - 4.0	A	FCCV③	19 ¹ / ₄ x 19 ³ / ₈	26.9	21.0	21.5	69	⁷ / ₈	³ / ₈
A4MXD4248AC6HA	3.5 - 4.0	A	FCCV③	22 ³ / ₄ x 19 ³ / ₈	26.9	24.5	21.5	72	⁷ / ₈	³ / ₈
A4MXC4260AC3HA	3.5 - 5.0	A	TXVNB②	19 ¹ / ₄ x 19 ³ / ₈	30.7	21.0	21.5	78	⁷ / ₈	³ / ₈
A4MXD4260AC3HA	3.5 - 5.0	A	TXVNB②	22 ³ / ₄ x 19 ³ / ₈	30.7	24.5	21.5	81	⁷ / ₈	³ / ₈

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 Start Kit may be required on outdoor unit.

③ 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.

Table RTCOIL-1-B — Features

	A4MX
• All aluminum coil	✓
• Unpainted galvanized steel cabinet.....	✓
• Enhanced Fin Surface	✓
• Split inner and outer doors for easy coil inspection and cleaning	✓
• 100% foil lined insulation with wipeable surface.....	✓
• Upflow application	✓
• Downflow application.....	✓
• Horizontal Right application	✓
• Horizontal Left application	✓
• Easy case attachment to furnace	✓
• Internally checked non-bleed thermal expansion valve with mechanical fitting on both sides (heat pump operation) ①: 5.0 ton models only	✓
• Factory installed fixed orifice with mechanical connections on both sides. Additional orifices supplied: 1.5-4.0 ton models.....	✓
• Optional accessory TXV Kit with mechanical fittings available for higher performance ratings ②	✓
• Double sloped non-corrosive drain pan - UL rated 400°F. Compatible with oil furnace	✓
• Approved for manufactured/mobile housing use	✓
• 5-year limited warranty/parts/No Registration Required	✓
• 10-year limited warranty/coil/No Registration Required	✓

① Start kit may be required on outdoor unit.

② Reference AHRI ratings to find correct TXV kit or reference Product Data for additional information.





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Table RTCOIL-2-A - A4MX Coil Field Installed TXV Kit Accessories

A4MX Multi-Position Cased Evaporator Coil Models ②	Applicable Adjustable TXV Kit Models sold separately, field installed
A4MXA1824AC6HA	4AYTXVH4A1830A①
A4MXB1832AC6HA A4MXA3036AC6HA A4MXB3642AC6HA A4MXC3642AC6HA A4MXB4248AC6HA	4AYTXVH4A3042A①
A4MXC4248AC6HA A4MXD4248AC6HA A4MXC4260AC3HA A4MXD4260AC3HA	4AYTXVH4A4860A①

- ① Also Compatible with 4TXC, 4PXC, 4PXA Evaporator Coils. This kit may be used to improve efficiency and ratings on the A4MX Coils. This kit may also be used to lower the superheat on 4TXC, 4PXC and 4PXA Coils to improve latent capacity in high humidity environments.
- ② A4MX Multi-Positional Coils are not compatible with these existing TXV kits: 4AYTXVH3G2436A, 4AYTXVH3G4248A and 4AYTXVH3G6000A because these TXV kits are only compatible with 4GXC and 4MXC Coils.

**Table RTCOIL-2-B - Orifice Kit Table for
A4MX Multi-Position Coils**

Outdoor A/C or Heat Pump Unit Capacity (Tons)	Indoor Unit Orifice Size ①	Indoor Unit Fixed Orifice Replacement Part Kit Number
1.5	0.052	BAYORIACHP0052
2.0	0.057	BAYORIACHP0057
2.5	0.064	BAYORIACHP0064
3.0	0.068	BAYORIACHP0068
3.5	0.077	BAYORIACHP0077
4.0	0.082	BAYORIACHP0082

- ① Outdoor unit capacity determines the orifice size of the indoor. Orifice sizes are for both R-410a and R-22 refrigerants.

Table RTCOIL-2-C - A4MX Factory Installed Orifice and Ship With Orifice Sizes

Model Family	Model Number	Tonnage Range	Factory Installed Metering Device	Extra Orifice Sizes Shipped With Unit Not Installed
A4MX	A4MXA1824AC6HA	1.5 - 2.0	Orifice (0.057)	0.052
A4MX	A4MXB1832AC6HA	1.5 - 2.5	Orifice (0.057)	0.052, 0.064, 0.068
A4MX	A4MXA3036AC6HA	2.5 - 3.0	Orifice (0.064)	0.057, 0.068
A4MX	A4MXB3642AC6HA	3.0 - 3.5	Orifice (0.068)	0.064, 0.077
A4MX	A4MXC3642AC6HA	3.0 - 3.5	Orifice (0.068)	0.064, 0.077
A4MX	A4MXB4248AC6HA	3.5 - 4.0	Orifice (0.077)	0.068, 0.082
A4MX	A4MXC4248AC6HA	3.5 - 4.0	Orifice (0.082)	0.077
A4MX	A4MXD4248AC6HA	3.5 - 4.0	Orifice (0.082)	0.077
A4MX	A4MXC4260AC3HA	3.5 - 5.0	TXV	N/A
A4MX	A4MXD4260AC3HA	3.5 - 5.0	TXV	N/A