



Sustainable Coils LLC

Replacement Coil Solutions!

Product Catalog

Revision Date: 01/12/2026

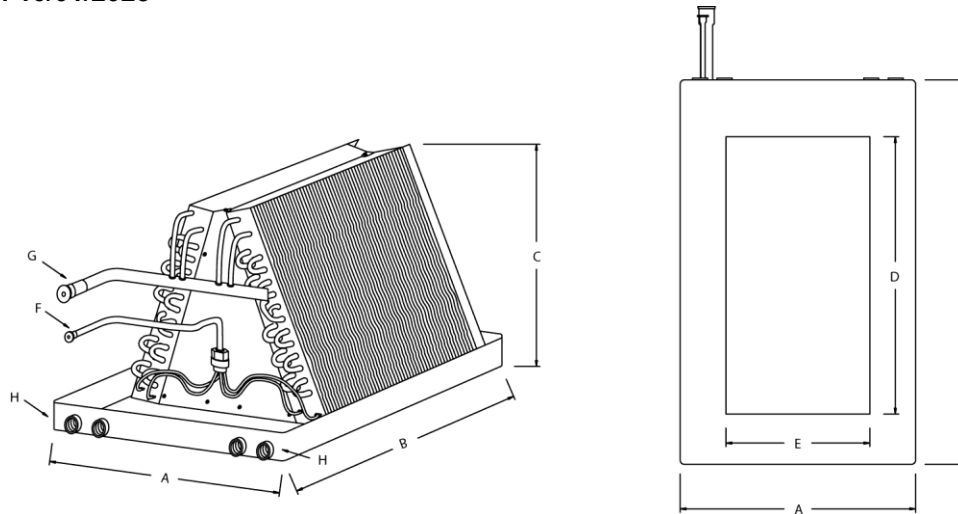
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Sustainable Coils LLC

Replacement Coil Solutions!

STOCK R410A/R22 UNCASED REPLACEMENT A-COILS

Revision Date: 10/01/2025



COIL MODEL	COIL WEIGHT	A	B	C	D	E	F	G	H
1024A13	20	13	19 1/2	10 1/2	15 1/2	5 1/2	3/8	3/4	3/4
1024A16	22	16	19 1/2	10 1/2	15 1/2	8 1/2	3/8	3/4	3/4
1036A13	25	13	19 1/2	14 1/2	15 1/2	5 1/2	3/8	3/4	3/4
1036A16	28	16	19 1/2	14 1/2	15 1/2	8 1/2	3/8	3/4	3/4
1036A20	30	20	19 1/2	14 1/2	15 1/2	12 1/2	3/8	3/4	3/4
1048A16	33	16	19 1/2	18 1/2	15 1/2	8 1/2	3/8	7/8	3/4
1048A20	35	20	19 1/2	18 1/2	15 1/2	12 1/2	3/8	7/8	3/4
1048A23	37	23	19 1/2	18 1/2	15 1/2	15 1/2	3/8	7/8	3/4
1060A20	41	20	19 1/2	22 1/2	15 1/2	12 1/2	3/8	7/8	3/4
1060A23	43	23	19 1/2	22 1/2	15 1/2	15 1/2	3/8	7/8	3/4

Low profile 3 row R410A/R22 replacement coils. For servicing existing equipment only.

3/8" O.D., CU-122, 60 helical rifled copper tube, .016 back wall

2,500 PSIG burst pressure minimum

Aluminum end plates to protect against rust corrosion

Louvered aluminum fins spaced at 14 FPI

Plastic drain pans in popular widths; nylon resin is 5VFR rated and U.V. safe

Piston metered for R410A application, additional R22 piston available upon request

R410A and R22 expansion valves (boxed kit or factory installed) available upon request

Pre-swaged refrigerant connections, shipped with dry nitrogen holding charge

Expanded IRV: 1024A=98.26, 1036A=137.56, 1048A=176.87, 1060A=216.17

Five year replacement warranty

Visit our website www.SustainableCoils.com for further information regarding our complete product line.

Telephone: (903) 881-6006

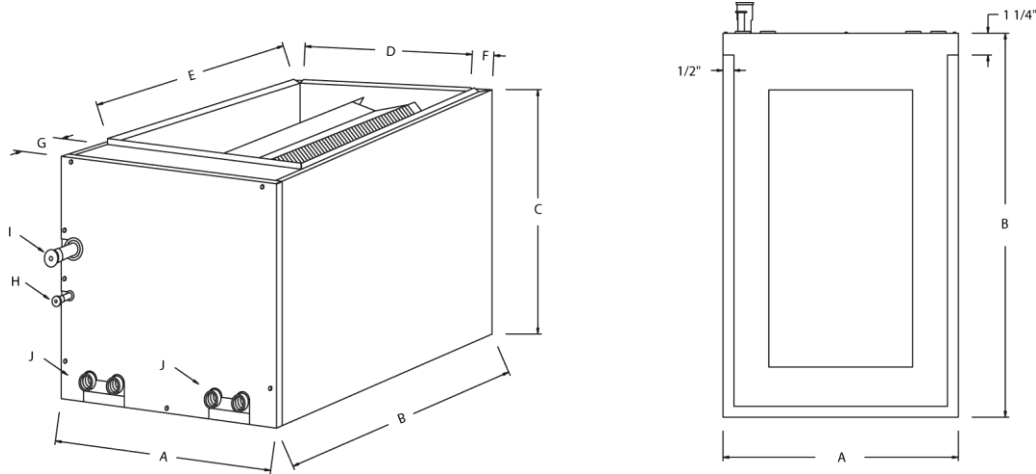
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Replacement Coil Solutions!

STOCK R410A/R22 CASED REPLACEMENT A-COILS

Revision Date: 10/01/2025



COIL MODEL	COIL WEIGHT	A	B	C	D	E	F	G	H	I	J
1024A13-C	34	14 1/2	21 1/4	14	12 3/4	18 3/4	7/8	1 5/8	3/8	3/4	3/4
1024A16-C	36	17 1/2	21 1/4	14	15 3/4	18 3/4	7/8	1 5/8	3/8	3/4	3/4
1036A13-C	41	14 1/2	21 1/4	16	12 3/4	18 3/4	7/8	1 5/8	3/8	3/4	3/4
1036A16-C	44	17 1/2	21 1/4	16	15 3/4	18 3/4	7/8	1 5/8	3/8	3/4	3/4
1036A20-C	52	21	21 1/4	18	19 1/4	18 3/4	7/8	1 5/8	3/8	3/4	3/4
1048A16-C	53	17 1/2	21 1/4	20	15 3/4	18 3/4	7/8	1 5/8	3/8	7/8	3/4
1048A20-C	57	21	21 1/4	20	19 1/4	18 3/4	7/8	1 5/8	3/8	7/8	3/4
1048A23-C	60	24 1/2	21 1/4	20	22 3/4	18 3/4	7/8	1 5/8	3/8	7/8	3/4
1060A20-C	66	21	21 1/4	24	19 1/4	18 3/4	7/8	1 5/8	3/8	7/8	3/4
1060A23-C	69	24 1/2	21 1/4	24	22 3/4	18 3/4	7/8	1 5/8	3/8	7/8	3/4

For servicing existing equipment only.

3/8" O.D., CU-122, 60 helical rifled copper tube, .016 back wall

2,500 PSIG burst pressure minimum

Aluminum end plates to protect against rust corrosion

Louvered aluminum fins spaced at 14 FPI

Piston metered for R-410A refrigerant, additional R-22 piston optional

R410A and R22 expansion valves (boxed kit or factory installed) available upon request

Plastic drain pans: nylon resin is 5VFR rated and U.V. safe

22 ga. G-90 galvanized cabinets with 1/2" foil backed insulation in popular sizes

Heal punched access door for removal without disconnecting line sets or drains

Pre-swaged refrigerant connections, shipped with dry nitrogen holding charge

Expanded IRV: 1024A=98.26, 1036A=137.56, 1048A=176.87, 1060A=216.17

Five year replacement warranty

Visit our website www.SustainableCoils.com for further information regarding our complete product line.

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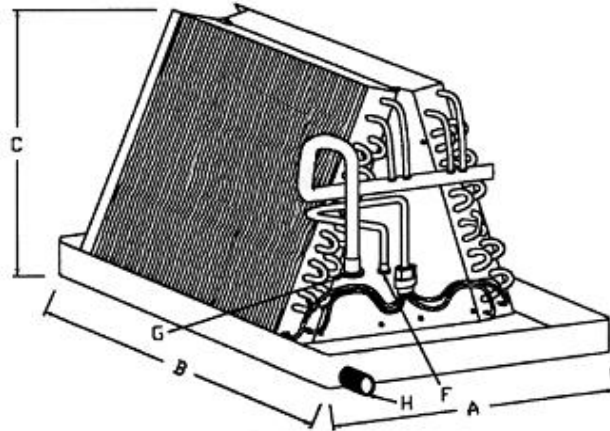
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STOCK R410A/R22 MOBILE HOME REPLACEMENT COILS

Revision Date: 10/01/2025



COIL MODEL	COIL WEIGHT	A	B	C	F	G	H
1024A-MH	24	18	19 1/2	16 1/2	3/8	3/4	3/4
1036A-MH	30	18	19 1/2	14 1/2	3/8	3/4	3/4
1036A-FED/FEV	34	15 3/4	20 5/8	14 1/2	3/8	3/4	3/4
1048A-MH	36	18	19 1/2	18 1/2	3/8	7/8	3/4
1048A-FED/FEV	40	15 3/4	20 5/8	18 1/2	3/8	7/8	3/4
1064A-MH	41	18	19 1/2	18 1/2	3/8	7/8	3/4
1448A-MH+4X4	36	18	19 1/2	18 1/2	3/8	7/8	3/4
1449A-MH+4X4	42	18	19 1/2	18 1/2	3/8	7/8	3/4

For servicing existing equipment only

Hairpin Tube:	3/8" O.D., CU-122, 60 helical rifled copper tube, .016 back wall 2,500 PSIG burst pressure minimum
Rows/FPI:	2 rows, 14 FPI: 1024A-MH 3 rows, 14 FPI: 1036A-MH, 1048A-MH, 1448A-MH+4X4 1036A-FED/FEV, 1048A-FED/FEV 4 rows, 12 FPI: 1064A-MH, 1449A-MH+4X4
End Plates:	Aluminum
Metering:	Piston metered for R410A refrigerant, additional R22 piston optional 1448A-MH+4X4, 1049A-MH+4X4 includes factory installed R410A TXV
Refrigerant connections:	Pre-swaged
Expanded IRV (cu. In.):	1024A=104.81, 1036A=137.56, 1048A=176.87, 1064A=235.82 1448A-MH+4X4=176.87, 1449A-MH+4X4=235.82
Drain Pan:	Nylon resin pans are 5VFR rated and U.V. safe FED/FEV drain pans are metal
Holding Charge:	Dry nitrogen
Warranty:	Five year replacement warranty

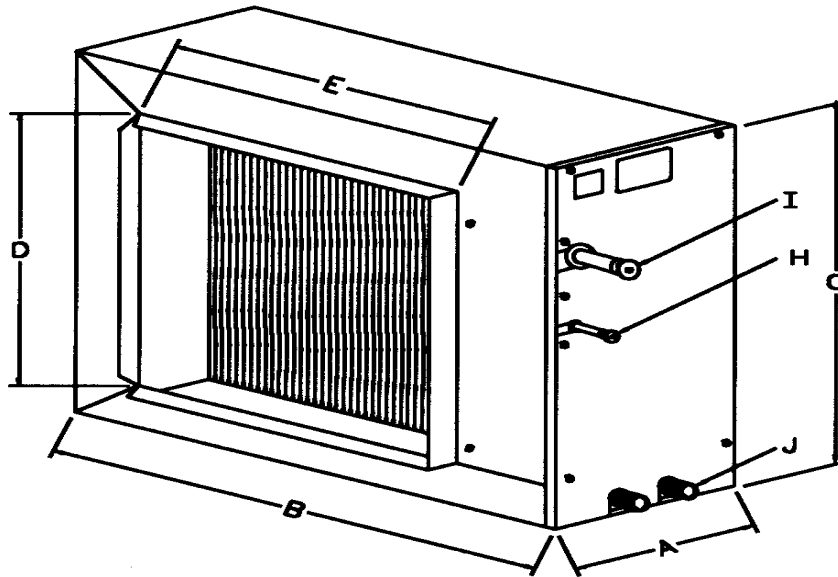
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STOCK R410A/R22 CASED HORIZONTAL SLAB COILS

Revision Date: 10/01/2025



COIL MODEL	COIL WEIGHT	A	B	C	D	E	H	I	J
HS-24	39	10	20	25	21	14	3/8	3/4	3/4
HS-36	45	10	25	25	21	19	3/8	3/4	3/4
HS-48	52	10	30	25	21	24	3/8	7/8	3/4
HS-60	58	10	34	25	21	28	3/8	7/8	3/4

For servicing existing equipment only

3/8" O.D., CU-122, 60 helical rifled copper tube, .016 back wall

2,500 PSIG burst pressure minimum

Aluminum end plates to protect against rust corrosion

Louvered aluminum fins spaced at 14 FPI

Piston metered for R410A refrigerant, additional R22 piston optional

R410A and R22 expansion valves (boxed kit or factory installed) available upon request

Metal drain pan

Pre-swaged refrigerant connection, shipped with dry nitrogen holding charge

Expanded IRV: HS24=103.17, HS36=140.02, HS48=176.87, HS60=206.35

Five year replacement warranty

Visit our website at www.Sustainablecoils.com for further information regarding our complete product line.



R410A/R22 Replacement coils for Trane/American Standard TWE, 2/4TEC, 2/4TEE, 2/4TEH Air Handlers

Sustainable Coils is proud to offer an affordable solution for R410A/R22 TWE, 2/4TEC, 2/4TEE and 2/4TEH Air Handler coils that have failed. For servicing existing equipment only.

1. Our RCTWE replacement coils are a true drop-in replacement. The drain and line set connections are properly positioned to match the published dimensions of TWE air handler cover plates. Please refer to our notes section of the cross reference for models that require field modification of the header. Every coil comes with a factory installed vertical and horizontal drain pan.
2. We have maintained acceptable internal refrigerant volumes for each model to ensure compatibility for heat pump applications.
3. Each replacement coil model utilizes the proper metering device that was specified for the original application. The C14 models can be ordered with piston metering for R410A or R22 refrigerant. The C/D15, E13 and P13 models utilize adjustable expansion valves for heat pump or cooling only applications. Models with "+4X" at the end of the model number designates that an R410A expansion valve has been factory installed prior to shipment.
4. All RCTWE replacement coils utilize .3/8" O.D., CU-122, 60 helical rifled copper tube, .016 back wall. By utilizing tubing with a back wall thickness of .016, our coils have a 2,500 PSIG burst pressure minimum which far exceeds industry standards.
5. Our RCTWE R410A/R22 replacement coils carry a Five year replacement warranty for added end user peace of mind.

We provide a complete cross reference list detailing the coil matches for TWE, 2/4TEE, 2/4TEC and 2/4TEH air handlers. Please refer to the notes section for information regarding field header modifications that are required on some models which deviate from published dimensions.

Telephone: (903) 881-6006

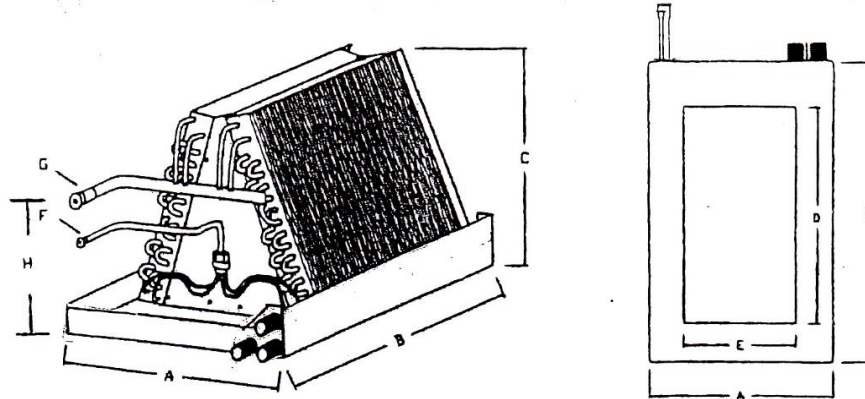
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Sustainable Coils LLC

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R410A/R22 TWE AIR HANDLER REPLACEMENT COILS

Revised 10/01/2025



COIL MODEL	COIL WEIGHT	A	B	C	D	E	F	G	H
RCTWE024C14	30	18 5/8	19 3/8	14	15 7/8	11 1/2	3/8	3/4	12 1/2
RCTWE030C14	32	18 5/8	19 3/8	12	15 7/8	11 1/2	3/8	3/4	12 1/2
RCTWE030P13, (+4X)	36	18 5/8	19 3/8	14	15 7/8	11 1/2	3/8	3/4	12 1/2
RCTWE036C14	35	18 5/8	19 3/8	14	15 7/8	11 1/2	3/8	3/4	12 1/2
RC2TEC3F36A, (+4X)	39	18 5/8	19 3/8	16	15 7/8	11 1/2	3/8	3/4	14 1/2
RCTWE036P13, (+4X)	43	18 5/8	19 3/8	18	15 7/8	11 1/2	3/8	7/8	14 1/2
RCTWE037E13, (+4X)	43	20 5/8	19 3/8	18	15 7/8	13 1/2	3/8	7/8	14 1/2
*RCTWE040E13, (+4X)	59	24	19 3/8	22	15 7/8	16 1/8	3/8	7/8	15 3/8
RCTWE042C14	42	20 5/8	19 3/8	18	15 7/8	13 1/2	3/8	7/8	14 1/2
RCTWE042P13, (+4X)	49	20 5/8	19 3/8	22	15 7/8	13 1/2	3/8	7/8	15 3/8
RCTWE048C14	49	20 5/8	19 3/8	22	15 7/8	13 1/2	3/8	7/8	21 3/8
*RCTWE060C/D15, (+4X)	61	20 5/8	19 3/8	27	15 7/8	13 1/2	3/8	7/8	27 1/2
*RCTWE060P13, (+4X)	72	24	19 3/8	27	15 7/8	16 1/8	3/8	7/8	24 1/8

* Denotes over size coil that must be shipped on a skid to a verifiable commercial location.

3/8" O.D., CU-122, 60 helical rifled copper tube, .016 back wall

2,500 PSIG burst pressure minimum

Aluminum end plates for rust reduction

C14 coils are piston metered for R-22 refrigerant, additional R-410A piston optional

E13, P13, C/D15 coils equipped with factory installed R-22 expansion valves.

Model numbers ending in "+4X" equipped with factory installed R-410A expansion valves.

All expansion valves are adjustable and heat pump compatible.

H dimension measured from bottom of drain pan; add 3" if measuring below filter chamber

All RCTWE coils are equipped with factory installed vertical and horizontal drain pans

Refrigerant connections pre-swaged; coils shipped with dry nitrogen holding charge

Five year replacement warranty

For a printable cross reference PDF of RCTWE models, please visit our website

www.SustainableCoils.com.

Telephone: (903) 881-6006

Email: sales@SustainableCoils.com

Sustainable Coils LLC

Replacement Coil Solutions!

R410A/R22 Trane/American Standard Air Handler replacement coil cross reference:
10/01/2025

Suction line height referenced in the cross reference notes is measured from bottom of drain pan. Add 3" if measuring from the bottom of the filter rack.

Some 2/4TEC, 2/4TEE and 2/4TEH models in the field do not match the manufacturers published specifications for suction line height. There are also later revisions of the 4TEC 3.5 and 4 ton units that retained the same part numbers as earlier versions that deviate from published specifications.

If the notes state "Requires header modification" the Sustainable model listed is used for your application but the line set location may not match the access panel. To ensure that the header will match your access panel, the suction line will need to be modified in the field.

Trane/A.S. Model #	Sustainable Model #	Suction Line Height-Notes
TWE018C14	RCTWE024C14	12 1/2"-R22 piston
TWE024C14	RCTWE024C14	12 1/2"-R22 piston
TWE030C14	RCTWE030C14	12 1/2"-R22 piston
TWE036C14	RCTWE036C14	12 1/2"-R22 piston
TWE042C14	RCTWE042C14	14 1/2"-R22 piston
TWE048C14	RCTWE048C14	21 3/8"-R22 piston
TWE060C/D15	RCTWE060C/D15	27 1/2"-R22 TXV

Trane/A.S. Model #	Sustainable Model #	Suction Line Height-Notes
TWE018P13	RCTWE030P13	12 1/2"-R22 TXV
TWE024P13	RCTWE030P13	12 1/2"-R22 TXV
TWE030P13	RCTWE030P13	12 1/2"-R22 TXV
TWE036P13	RCTWE036P13	14 1/2"-R22 TXV
TWE042P13	RCTWE042P13	15 3/8"-R22 TXV
TWE048P13	RCTWE060P13	24 1/8"-R22 TXV
TWE060P13	RCTWE060P13	24 1/8"-R22 TXV
TWE063P13	RCTWE065E13	DISCONTINUED

Trane/A.S. Model #	Sustainable Model #	Suction Line Height-Notes
TWE031E13	RCTWE030P13	12 1/2"-R22 TXV
TWE037E13	RCTWE037E13	14 1/2"-R22 TXV
TWE040E13	RCTWE040E13	15 3/8"-R22 TXV
TWE049E13	RCTWE060P13	24 1/8"-R22 TXV
TWE065E13	RCTWE065E13	DISCONTINUED

R410A/R22 Trane/American Standard Air Handler replacement coil cross reference:
10/01/2025

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Trane/A.S. Model #	Sustainable Model #	Suction Line Height-Notes
2TEC3F18A	RCTWE030P13	12 1/2"-R22 TXV
2TEC3F24A	RCTWE030P13	12 1/2"-R22 TXV
2TEC3F30A	RC2TEC3F36A	14 1/2"-R22 TXV
2TEC3F36A	RC2TEC3F36A	14 1/2"-R22 TXV
2TEC3F42A	RCTWE042P13	15 3/8"-R22 TXV
2TEC3F48A	RCTWE060C/D15	27 1/2"-R22 TXV
2TEC3F60A	RCTWE060C/D15	27 1/2"-R22 TXV

Trane/A.S. Model #	Sustainable Model #	Suction Line Height-Notes
2TEC3F18B	RCTWE030P13	12 1/2"-R22 TXV
2TEC3F24B	RCTWE030P13	12 1/2"-R22 TXV
2TEC3F30B	RC2TEC3F36A	14 1/2"-R22 TXV
2TEC3F36B	RC2TEC3F36A	14 1/2"-R22 TXV
2TEC3F42B(C)	RCTWE042P13	15 3/8"-R22 TXV
2TEC3F48B	RCTWE060C/D15	27 1/2"-R22 TXV
2TEC3F55B	RCTWE060P13	24 1/8"-R22 TXV
2TEC3F60B	RCTWE060C/D15	27 1/2"-R22 TXV

Trane/A.S. Model #	Sustainable Model #	Suction Line Height-Notes
4TEC3F18A	RCTWE030P13+4X	12 1/2"- R410A TXV
4TEC3F24A	RCTWE030P13+4X	12 1/2"- R410A TXV
4TEC3F30A	RC2TEC3F36A+4X	14 1/2"- R410A TXV
4TEC3F36A	RC2TEC3F36A+4X	14 1/2"- R410A TXV
4TEC3F42A	RCTWE042P13+4X	15 3/8"- R410A TXV
4TEC3F48A	RCTWE060C/D15+4X	27 1/2"- R410A TXV
4TEC3F60A	RCTWE060C/D15+4X	27 1/2"- R410A TXV

Trane/A.S. Model #	Sustainable Model #	Suction Line Height-Notes
4TEC3F18B	RCTWE030P13+4X	12 1/2"- R410A TXV
4TEC3F24B	RCTWE030P13+4X	12 1/2"- R410A TXV
4TEC3F30B	RC2TEC3F36A+4X	14 1/2"- R410A TXV
4TEC3F36B	RC2TEC3F36A+4X	14 1/2"- R410A TXV
4TEC3F42B	RCTWE042P13+4X	15 3/8"- R410A TXV
4TEC3F42B-later version 4TEC3F42C-later version	RCTWE042P13+4X	19 1/2"-Field Verify! Requires header modification R410A TXV
4TEC3F48B	RCTWE060C/D15+4X	27 1/2"- R410A TXV
4TEC3F48B-later version	RCTWE060C/D15+4X	24 1/2"-Field Verify! Requires header modification R410A TXV
4TEC3F55B	RCTWE060P13+4X	24 1/8"- R-410A TXV
4TEC3F60B	RCTWE060C/D15+4X	27 1/2"- R-410A TXV
4TEC3F60B-later version	RCTWE060C/D15+4X	24 1/2"-Field Verify! Requires header modification R410A TXV

R410A/R22 Trane/American Standard Air Handler replacement coil cross reference:
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Trane/A.S. Model #	Sustainable Model #	Suction Line Height-Notes
4TEE3C01A	RCTWE030P13+4X	12 1/2"-R410A TXV
4TEE3C02A	RCTWE037E13+4X	14 1/2"-R410A TXV
4TEE3C03A	RCTWE042P13+4X	14"- Modified header required R410A TXV
4TEE3C04A	RCTWE042P13+4X	14"- Modified header required R410A TXV
4TEE3C05A	RCTWE040E13+4X	15 3/8"-R410A TXV
4TEE3C06A	RCTWE060C/D15+4X	23 3/4"-Modified header required, R410A TXV
4TEE3C07A	RCTWE060P13+4X	24 1/8", R410A TXV
4TEE3C08A	RCTWE060C/D15+4X	23 3/4"-Modified header required, R410A TXV
4TEE3C09A	RCTWE065E13+4X	DISCONTINUED
4TEE3C10A	RCTWE065E13+4X	DISCONTINUED

Trane/A.S. Model #	Sustainable Model #	Suction Line Height-Notes
2/4TEE3F31A	RCTWE030P13	12 1/2"-R22/R410A TXV
2/4TEE3F37A	RCTWE037E13	14 1/2"-R22/R410A TXV
2/4TEE3F39A	RCTWE042P13	14 1/2"-Modified header height, Field verify! -R22/R410A TXV
2/4TEE3F40A	RCTWE040E13	15 3/8"-Field verify! R22/R410A TXV
2/4TEE3F48A	RCTWE060C/D15	14 1/2"-Modified header height, Field verify! R22/R410A TXV
2/4TEE3F49A	RCTWE060P13	24 1/8"-Field verify! R22/R410A TXV
2/4TEE3F64A	RCTWE060C/D15	14 1/2"-Modified header height, Field verify! R-22 TXV
2/4TEE3F65A	RCTWE065E13	DISCONTINUED

Trane/A.S. Model #	Sustainable Model #	Suction Line Height-Notes
4TEE3F31B	RCTWE030P13+4X	12 1/2"- R410A TXV
4TEE3F37B	RCTWE037E13+4X	14 1/2"- R410A TXV
4TEE3F39A	RCTWE042P13+4X	14 1/2"-Modified header height, Field verify! -R410A TXV
4TEE3F40B	RCTWE040E13+4X	15 3/8"- R410A TXV
4TEE3F48A	RCTWE060C/D15+4X	14 1/2"-Modified header height, Field verify! R410A TXV
4TEE3F49B	RCTWE060P13+4X	24 1/8"- R410A TXV
4TEE3F49C	RCTWE060P13+4X	24 1/8"- R410A TXV
4TEE3F64A	RCTWE060C/D15+4X	14 1/2"-Modified header height, Field verify! R410A TXV
4TEE3F65B	RCTWE065E13+4X	DISCONTINUED
4TEE3F66A	RCTWE065E13+4X	DISCONTINUED

Trane/American Standard Air Handler replacement coil cross reference:**10/01/2025****Page 4**

Trane/A.S. Model #	Sustainable Model #	Suction Line Height-Notes
2TEH3F18A	RCTWE030P13	12 1/2"-R22 TXV
2TEH3F24A	RCTWE030P13	12 1/2"-R22 TXV
2TEH3F30A	RC2TEC3F36A	14 1/2"-R22 TXV
2TEH3F36A	RC2TEC3F36A	14 1/2"-R22 TXV
2TEH3F42A	RCTWE042P13	15 3/8"-R22 TXV
2TEH3F48A	RCTWE060C/D15	27 1/2"-R22 TXV
2TEH3F60A	RCTWE060C/D15	27 1/2"-R22 TXV

Trane/A.S. Model #	Sustainable Model #	Suction Line Height-Notes
2TEH3F18B	RCTWE030P13	12 1/2"-R22 TXV
2TEH3F24B	RCTWE030P13	12 1/2"-R22 TXV
2TEH3F30B	RC2TEC3F36A	14 1/2"-R22 TXV
2TEH3F36B	RC2TEC3F36A	14 1/2"-R22 TXV
2TEH3F42B	RCTWE042P13	15 3/8"-R22 TXV
2TEH3F48B	RCTWE060C/D15	27 1/2"-R22 TXV
2TEH3F60B	RCTWE060C/D15	27 1/2"-R22 TXV

Trane/A.S. Model #	Sustainable Model #	Suction Line Height-Notes
4TEH3F18B	RCTWE030P13+4X	12 1/2"- R410A TXV
4TEH3F24B	RCTWE030P13+4X	12 1/2"- R410A TXV
4TEH3F30B	RC2TEC3F36A+4X	14 1/2"- R410A TXV
4TEH3F36B	RC2TEC3F36A+4X	14 1/2"- R410A TXV
4TEH3F42B	RCTWE042P13+4X	15 3/8"-Field verify! R410A TXV
4TEH3F48B	RCTWE060C/D15+4X	27 1/2"-Field verify! R410A TXV
4TEH3F60B	RCTWE060C/D15+4X	27 1/2"-Field verify! R410A TXV



F-series Air Handlers

R410A/R22 Replacement coils for Carrier, Bryant, Payne, Arcoaire, Comfortmaker, Day & Night, Heil, Tempstar and ICP private brands

Sustainable Coils is proud to offer an affordable solution for R410A/R22 F-Series Air Handler coils that have failed. For servicing existing equipment only.

1. Our slope coil line set connections are properly positioned to match the existing air handler cover plate. The end brackets are slotted to accept the coil support brackets from the old unit. The end brackets of the slope coil have pilot holes for attachment of the existing drain pan. Plus, we furnish a factory installed top attachment baffle for ease of installation. **The existing drain pan and leg supports must be reused.**
2. The A-coil replacements have a properly sized G-90 22 gauge paint grip metal drain pan that is coated for rust protection. The drain connections are positioned to fit the access panel and the pan is equipped with drain pan brackets already attached to the bottom of the pan. The A-coil line sets are positioned to match the existing access panel. The 314A2430, 318A4248 and 324A4860 top baffle is sized to accept the Air Seal Assembly from the existing coil if the coil is used in a horizontal application. The 424A60+TXV has been re-engineered from a 3 row coil to a 4 row coil to eliminate skid only shipping issues. The new 4 row coil maintains the correct internal refrigerant volume, drain pan and line set connection locations. The coil is 6" shorter and does not need the Air seal assembly from the old coil in horizontal applications.
3. We have maintained acceptable internal refrigerant volumes for each model to ensure compatibility for heat pump applications.
4. All F-Series replacement coils utilize, 3/8" O.D., CU-122, 60 helical rifled copper tube, .016 back wall. With a backwall thickness of .016, our coils have a 2,500 PSIG burst pressure minimum which far exceeds industry standards.
5. Our F-Series replacement coils carry a Five year replacement warranty for added end user peace of mind.

It may be necessary to change out the metering device depending upon your refrigerant and replacement model application. Additional pistons and TXV's for R22 and R410A are available from the factory.

Sustainable Coils LLC

Replacement Coil Solutions!

Carrier/Bryant/ICP R410A/R22 F-series Air Handler replacement coils

Revision Date: 10/01/2025

SLOPE MODEL	COIL WEIGHT	Face Area	Rows	G	B	F	G
318S2430	20	2.23 sq ft	3	21"	18"	3/8	3/4
324S3036	26	2.97 sq ft	3	21"	24"	3/8	3/4
328S3642	30	3.46 sq ft	3	21"	28"	3/8	7/8

** Denotes limited stock item, please contact factory for availability

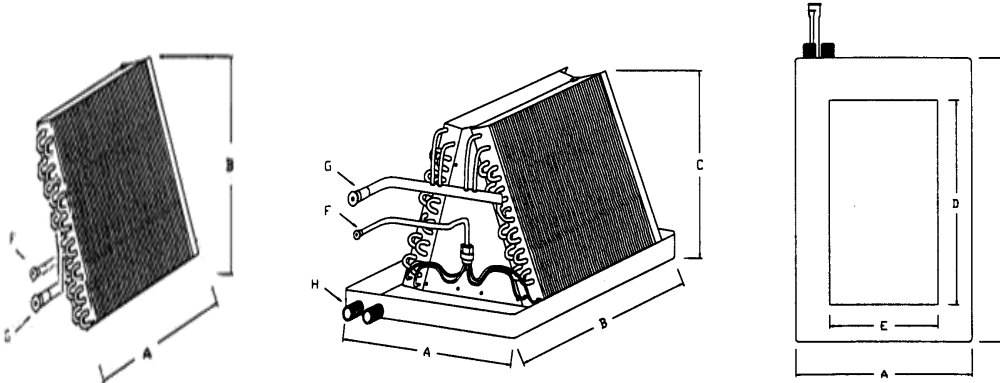
All slope coils have the following characteristics in common:

Pre-punched brackets to accept coil support columns

Pre-installed side block off baffles for proper fit

Pre-installed coil top seal

Line sets positioned to fit access panel location



A-coil pictured above for dimensional use only and does not accurately depict liquid and suction line location.

"A" MODEL	COIL WEIGHT	A	B	C	D	E	F	G	H
*314A2430	36	15 3/4	20 5/8	14 1/2	16	9 3/4	3/8	3/4	3/4
*318A4248	40	19 1/4	20 5/8	18 1/2	16	13 1/4	3/8	7/8	3/4
*324A4860	49	19 1/4	20 5/8	24 1/2	16	13 1/4	3/8	7/8	3/4
*324A4860W	52	22 3/4	20 5/8	24 1/2	16	16 1/4	3/8	7/8	3/4
424A60+2X (+4X)	58	22 3/4	20 5/8	24 1/2	16 1/2	14 1/4	3/8	7/8	3/4

*A-coil top baffle sized to accept horizontal top seal from replaced coil

Metal drain pan coated for rust protection; drains match air handler access panel location

Drain pan equipped with drain pan brackets for proper mounting

3/8" O.D., CU-122, 60 helical rifled copper tube, .016 back wall

2,500 PSIG burst pressure minimum

All coils utilize aluminum end plates for rust reduction

All coils maintain proper Internal Refrigerant Volumes for heat pump compatibility

All suction and liquid lines positioned to air handler access panel location

Line sets pre-swaged, coils shipped with dry nitrogen holding charge

Five year replacement warranty

For printable line art and cross reference utilization chart PDF please visit our website at

www.SustainableCoils.com.

Telephone: (903) 881-6006

email: sales@sustainablecoils.com



F-SERIES AIR HANDLER CROSS REFERENCE UTILIZATION CHART

Carrier, Bryant, Payne F-Series Air Handler models: FA4A, FA4B, FA4C, FB4A, FB4B, FB4C, FC4B, FC4C, FC4D, FE4A, FE5A, FK4C, FK4D, FV4A, FV4B, FV4C, FX4B, FX4C, FX4D, FY4A, PF1MNA, PF1MNB, PF1MNC, PF4MNA and PF4MNB:

10/01/2025

“S” in the model number designates slope coil, “A” designates A-coil. If your air handler model is not shown, please consult your Wholesale Distributor or contact the factory for the correct coil model number. For servicing existing equipment only.

Please note: Due to the multiple uses of the coil model numbers in various tonnages and air handlers, it may be necessary to change out the piston or field install a Sustainable Coils TXV for a proper match to the outdoor unit. Replacement coils may be ordered with the correct piston or TXV factory installed with a minimal up-charge to fit the desired application. Please consult your Wholesale Distributor or the factory to verify the correct metering device needed for your refrigerant application.

The 424A60+TXV is a drop in replacement that does not replicate the original coil. The 424A60+TXV is a 4 row coil with a factory installed TXV that is 24 1/2” tall. It is manufactured to fit into the 26 11/16” wide air handlers. The original coil that it replaces is a 3 row 30” tall coil with a 7.42 sq. ft. face area. The internal refrigerant volumes of both coils match for heat pump application compatibility, plus the drains and line set connections match the access panel. Due to the 4 row configuration, the horizontal top seal from the original coil will not fit the top baffle. Since the coil is 6” shorter than the original coil, it may be used in a horizontal application without the top seal.

OEM Model #	Sustainable Model #	Specified Metering
FA4ANF018	318S2430	Piston
FA4ANF024	318S2430	Piston
FA4ANF030	324S3036	Piston
FA4ANF036	324S3036	Piston
FA4ANF042	328S3642	Piston
FA4ANF048	318A4248	Piston
FA4ANF060	324A4860	Piston

OEM Model #	Sustainable Model #	Specified Metering
FA4BNF018	318S2430	Piston
FA4BNF024	318S2430	Piston
FA4BNF030	324S3036	Piston
FA4BNF036	324S3036	Piston
FA4BNF042	328S3642	Piston
FA4BNF048	318A4248	Piston
FA4BNF060	324A4860	Piston

Carrier, Bryant, Payne F-Series Air Handler cross reference:

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OEM Model #	Sustainable Model #	Specified Metering
FA4CNF018	318S2430+2X	R22 TXV
FA4CNF024	324S3036+2X	R22 TXV
FA4CNF030	324S3036+2X	R22 TXV
FA4CNF036	328S3642+2X3	R22 TXV
FA4CNF042	318A4248+2X	R22 TXV
FA4CNF048	324A4860+2X	R22 TXV
FA4CNB060	424A60+2X	R22 TXV

OEM Model #	Sustainable Model #	Specified Metering
FB4ANF018	318S2430	Piston
FB4ANF024	318S2430	Piston
FB4ANF030	324S3036	Piston
FB4ANF036	324S3036	Piston
FB4ANF042	328S3642	Piston
FB4ANF048	318A4248	Piston
FB4ANF060	324A4860	Piston
FB4ANF070	424A60+2X	R22 TXV

OEM Model #	Sustainable Model #	Specified Metering
FB4BNF018	318S2430	Piston
FB4BNF024	318S2430	Piston
FB4BNF030	324S3036	Piston
FB4BNF036	324S3036	Piston
FB4BN(B,F)042	328S3642	Piston
FB4BN(B,F)048	318A4248	Piston
FB4BN(B,F)060	324A4860	Piston
FB4BNB070	424A60+2X	R22 TXV

OEM Model #	Sustainable Model #	Specified Metering
FB4CN(F,P)018	318S2430	F=Piston, P=R410A TXV
FB4CN(F,P)024	318S2430	F=Piston, P=R410A TXV
FB4CN(F,P)025	324S3036	F=Piston, P=R410A TXV
FB4CN(F,P)030	324S3036	F=Piston, P=R410A TXV
FB4CN(F,P)036	324S3036	F=Piston, P=R410A TXV
FB4CN(F,P)042	318A4248	F=Piston, P=R410A TXV
FB4CN(F,P)048	318A4248	F=Piston, P=R410A TXV
FB4CN(F,P)060	324A4860+(2X, 4X)	F=R22 TXV P=R410A TXV
FB4CN(F,P)061	424A60+(2X,4X)	F=R22 TXV P=R410A TXV

OEM Model #	Sustainable Model #	Specified Metering
FC4BNF024	318S2430+2X	R22 TXV
FC4BNF030	324S3036+2X	R22 TXV
FC4BNF036	324S3036+2X	R22 TXV
FC4BNF038	324A4860+2X3	R22 TXV
FC4BNF042	328S3642+2X	R22 TXV
FC4BN(B,F)048	318A4248+2X	R22 TXV
FC4BNF054	424A60+2X	R22 TXV
FC4BNF060	324A4860+2X	R22 TXV
FC4BNF070	424A60+2X	R22 TXV

Carrier, Bryant, Payne F-Series Air Handler cross reference:

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OEM Model #	Sustainable Model #	Specified Metering
FC4CNF024	318S2430+2X	R22 TXV
FC4CNF030	324S3036+2X	R22 TXV
FC4CNF036	324S3036+2X	R22 TXV
FC4CNF042	328S3642+2X	R22 TXV
FC4CNF048	318A4248+2X	R22 TXV
FC4CNB054	424A60+2X	R22 TXV
FC4CNF060	324A4860+2X	R22 TXV
FC4CNB070	424A60+2X	R22 TXV

OEM Model #	Sustainable Model #	Specified Metering
FC4DNF018	318S2430+2X	R22 TXV
FC4DNF024	324S3036+2X	R22 TXV
FC4DNF030	324S3036+2X	R22 TXV
FC4DN(B,F)036	328S3642+2X3	R22 TXV
FC4DN(B,F)042	318A4248+2X	R22 TXV
FC4DN(B,F)048	324A4860+2X	R22 TXV
FC4DN(B,F)060	424A60+2X	R22 TXV

OEM Model #	Sustainable Model #	Specified Metering
FE4ANF002	314A2430+4X	R410A TXV
FE4AN(B,F)003	328S3642+4X	R410A TXV
FE5ANB004	424A60+4X3	R410A TXV
FE4AN(B,F)005	324A4860+4X	R410A TXV
FE4ANB006	424A60+4X	R410A TXV

OEM Model #	Sustainable Model #	Specified Metering
FK4CNF001	324S3036+2X	R22 TXV
FK4CNF002	314A2430+2X	R22 TXV
FK4CNF003	328S3642+2X	R22 TXV
FK4CNF005	324A4860+2X	R22 TXV
FK4CNB006	424A60+2X	R22 TXV

OEM Model #	Sustainable Model #	Specified Metering
FK4DNF001	324S2430+2X	R22 TXV
FK4DNF002	314A2430+2X	R22 TXV
FK4DN(B,F)003	328S3642+2X	R22 TXV
FK4DN(B,F)005	324A4860+2X	R22 TXV
FK4DNB006	424A60+2X	R22 TXV

OEM Model #	Sustainable Model #	Specified Metering
FV4ANF002	314A2430+4X	R410A TXV
FV4ANF003	328S3642+4X3	R410A TXV
FV4ANF005	324A4860+4X	R410A TXV
FV4ANB006	424A60+4X	R410A TXV

OEM Model #	Sustainable Model #	Specified Metering
FV4BNF002	314A2430+4X	R410A TXV
FV4BNF003	328S3642+4X3	R410A TXV
FV4BNF005	324A4860+4X	R410A TXV
FV4BNF006	424A60+4X	R410A TXV

Carrier, Bryant, Payne F-Series Air Handler cross reference:

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OEM Model #	Sustainable Model #	Specified Metering
FV4CNF002	314A2430+4X	R-410A TXV
FV4CN(B,F)003	328S3642+4X3	R-410A TXV
FV4CN(B,F)005	324A4860+4X	R-410A TXV
FV4CNB006	424A60+4X	R-410A TXV

OEM Model #	Sustainable Model #	Specified Metering
FX4ANF030	324S3036+4X	R-410A TXV
FX4ANF036	328S3642+4X3	R-410A TXV
FX4ANF042	318A4248+4X	R-410A TXV
FX4ANF048	324A4860+4X	R-410A TXV
FX4ANF060	424A60+4X	R-410A TXV

OEM Model #	Sustainable Model #	Specified Metering
FX4BNF018	318S2430+4X	R-410A TXV
FX4BNF030	324S3036+4X	R-410A TXV
FX4BNF036	328S3642+4X3	R-410A TXV
FX4BNF042	318A4248+4X	R-410A TXV
FX4BNF048	324A4860+4X	R-410A TXV
FX4BNF060	424A60+4X	R-410A TXV

OEM Model #	Sustainable Model #	Specified Metering
FX4CNF018	318S2430+4X	R-410A TXV
FX4CNF024	324S3036+4X	R-410A TXV
FX4CNF030	324S3036+4X	R-410A TXV
FX4CN(B,F)036	328S3642+4X3	R-410A TXV
FX4CN(B,F)042	318A4248+4X	R-410A TXV
FX4CN(B,F)048	324A4860+4X	R-410A TXV
FX4CN(B,F)060	424A60+4X	R-410A TXV

OEM Model #	Sustainable Model #	Specified Metering
FX4DNF019	324S3036+4X	R-410A TXV
FX4DNF025	324S3036+4X	R-410A TXV
FX4DN(B,F)031	328S3642+4X3	R-410A TXV
FX4DN(B,F)037	318A4248+4X3	R-410A TXV
FX4DN(B,F)043	318A4248+4X	R-410A TXV
FX4DN(B,F)049	324A4860W+4X	R-410A TXV
FX4DN(B,F)061	424A60+4X	R-410A TXV

OEM Model #	Sustainable Model #	Specified Metering
FY4ANF018	318S2430+4X	R-410A TXV
FY4ANF024	324S3036+4X	R-410A TXV
FY4ANF030	324S3036+4X	R-410A TXV
FY4ANF036	328S3642+4X3	R-410A TXV
FY4ANF042	318A4248+4X	R-410A TXV
FY4ANF048	324A4860+4X	R-410A TXV
FY4ANB060	424A60+4X	R-410A TXV

Carrier, Bryant, Payne F-Series Air Handler cross reference:

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OEM Model #	Sustainable Model #	Specified Metering
PF1MNA018	318S2430	Piston
PF1MNA024	318S2430	Piston
PF1MNA030	324S3036	Piston
PF1MNA036	324S3036	Piston
PF1MNA042	328S3642	Piston
PF1MNA048	318A4248	Piston
PF1MNA060	324A4860	Piston
PF1MNA070	424A60	Piston
PF1MNA071	424A60+2X	R-22 TXV

OEM Model #	Sustainable Model #	Specified Metering
PF1MNB018	318S2430	Piston
PF1MNB024	318S2430	Piston
PF1MNB030	324S3036	Piston
PF1MNB036	324S3036	Piston
PF1MNB042	328S3642	Piston
PF1MNB048	318A4248	Piston
PF1MNB060	324A4860	Piston
PF1MNB070	424A60	Piston
PF1MNB071	424A60+2X	R-22 TXV

OEM Model #	Sustainable Model #	Specified Metering
PF1MNC018	318S2430+2X	R-22 TXV
PF1MNC024	324S3036+2X	R-22 TXV
PF1MNC030	324S3036+2X	R-22 TXV
PF1MNC036	328S3642+2X3	R-22 TXV
PF1MNC037	328S3642+2X3	R-22 TXV
PF1MNC042	318A4248+2X	R-22 TXV
PF1MNC043	318A4248+2X	R-22 TXV
PF1MNC048	324A4860+2X	R-22 TXV
PF1MNC049	324A4860+2X	R-22 TXV
PF1MNC060	424A60+2X	R-22 TXV
PF1MNC061	424A60+2X	R-22 TXV

OEM Model #	Sustainable Model #	Specified Metering
PF4MNA018	318S2430+4X	R-410A TXV
PF4MNA019	318S2430+4X	R-410A TXV
PF4MNA024	324S3036+4X	R-410A TXV
PF4MNA025	324S3036+4X	R-410A TXV
PF4MNA030	324S3036+4X	R-410A TXV
PF4MNA031	324S3036+4X	R-410A TXV
PF4MNA036	328S3642+4X3	R-410A TXV
PF4MNA037	328S3642+4X3	R-410A TXV
PF4MNA042	318A4248+4X	R-410A TXV
PF4MNA043	318A4248+4X	R-410A TXV
PF4MNA048	324A4860+4X	R-410A TXV
PF4MNA049	324A4860+4X	R-410A TXV
PF4MNA060	424A60+4X	R-410A TXV
PF4MNA061	424A60+4X	R-410A TXV

Carrier, Bryant, Payne F-Series Air Handler cross reference:

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OEM Model #	Sustainable Model #	Specified Metering
PF4MNB019	324S3036+4X	R-410A TXV
PF4MNB025	324S3036+4X	R-410A TXV
PF4MNB031	328S3642+4X3	R-410A TXV
PF4MNB037	318A4248+4X3	R-410A TXV
PF4MNB043	318A4248+4X4	R-410A TXV
PF4MNB049	324A4860+4X5	R-410A TXV
PF4MNB061	424A60+4X5	R-410A TXV

3/8 O.D., CU-122, 60 helical rifled copper tube, .016 back wall

2,500 PSIG burst pressure minimum

Aluminum end plates for rust reduction

Piston models metered for R-22 applications, R-410A pistons available upon request

Expansion valve kits with chatleff fittings available upon request

Factory installed expansion valves available upon request

Suction and liquid lines positioned to access panel locations

Pre-swaged suction and liquid lines, shipped with dry nitrogen holding charge

A-coils utilize a G-90 paint grip metal coated drain pan with mounting brackets

A-coil drains positioned to match access panel

314A2430, 318A4248 and 324A4860 top baffle sized to accept horizontal top seal from old coil.

424A60+TXV top baffle will not accept the horizontal top seal

Proper internal refrigerant volumes maintained for heat pump compatibility

Coils carry a Five year replacement warranty from date of installation

Proudly manufactured and assembled in Lindale, Texas



ICP F-SERIES CROSS REFERENCE UTILIZATION CHART

INTERNATIONAL COMFORT PRODUCTS F-Series Air Handler models: EBP, EBV, EBX, EBXX, FEM2X, FEM4P, FEM4X, FSM2X, FSM4P, FSM4X, FSU2X, FSU4P, FSU4X, FVM2X, FVM4X, FXM4X and WAHL.

10/01/2025

“S” in the model number designates slope coil, “A” designates A-coil. If your air handler model is not shown, please consult your Wholesale Distributor or contact the factory for the correct coil model number. For servicing existing equipment only.

Please note: Due to the multiple use of the coil model numbers in various tonnages and air handlers, it may be necessary to change out the piston or field install a Sustainable Coils TXV kit for a proper match to the outdoor unit. Replacement coils may be ordered with the correct piston or TXV factory installed with a minimal up-charge to fit the desired application. Please consult your Wholesale Distributor or the factory to verify the correct metering device needed for your refrigerant application.

The 424A60+TXV is a drop in replacement that **does not** replicate the original coil. The 424A60+TXV is a 4 row coil with a factory installed TXV that is 24 1/2” tall. It is manufactured to fit into the 26 11/16” wide air handlers. The original coil that it replaces is a 3 row 30” tall coil with a 7.42 sq. ft. face area. The internal refrigerant volumes of both coils match for heat pump application compatibility, plus the drains and line set connections match the access panel. Due to the 4 row configuration, the horizontal top seal from the original coil will not fit the top baffle. Since the coil is 6” shorter than the original coil, it may be used in a horizontal application without the top seal.

OEM Model #	Sustainable Model #	Specified Metering
EBP1800	318S2430	Piston
EBP2400	318S2430	Piston
EBP3000	324S3036	Piston
EBP3600	324S3036	Piston
EBP4200	328S3642	Piston
EBP4800	318A4248	Piston
EBP6000	324A4860	Piston

OEM Model #	Sustainable Model #	Specified Metering
EBV2400B	314A2430+2X	R-22 TXV
EBV3600B	328S3642+2X3	R-22 TXV
EBV4800B	324A4860+2X	R-22 TXV
EBV6000B	424A60+2X	R-22 TXV

International Comfort Products F-Series Air Handler cross reference:

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OEM Model #	Sustainable Model #	Specified Metering
EBX1800	318S2430+2X	R-22 TXV
EBX2400	324S3036+2X	R-22 TXV
EBX3600	328S3642+2X3	R-22 TXV
EBX4800	324A4860+2X	R-22 TXV
EBX6000	424A60+2X	R-22 TXV

OEM Model #	Sustainable Model #	Specified Metering
EBXX1800	318S2430+4X	R-410A TXV
EBXX2400	324S3036+4X	R-410A TXV
EBXX3600	328S3642+4X3	R-410A TXV
EBXX4800	324A4860+4X	R-410A TXV
EBXX6000	424A60+4X	R-410A TXV

OEM Model #	Sustainable Model #	Specified Metering
FEM2X1800A	318S2430+2X	R-22 TXV
FEM2X2400A	324S3036+2X	R-22 TXV
FEM2X3000A	324S3036+2X	R-22 TXV
FEM2X3500A	328S3642+2X3	R-22 TXV
FEM2X3600A	318A4248+2X3	R-22 TXV
FEM2X4200A	318A4248+2X	R-22 TXV
FEM2X4800A	324A4860+2X	R-22 TXV
FEM2X6000A	424A60+2X	R-22 TXV

OEM Model #	Sustainable Model #	Specified Metering
FEM4P1800	318S2430	Piston
FEM4P2400	318S2430	Piston
FEM4P3000	324S3036	Piston
FEM4P3600	324S3036	Piston
FEM4P4200	318A4248	Piston
FEM4P4800	318A4248	Piston

OEM Model #	Sustainable Model #	Specified Metering
FEM4X1800A	318S2430+4X	R-410A TXV
FEM4X2400A	324S3036+4X	R-410A TXV
FEM4X3000A	324S3036+4X	R-410A TXV
FEM4X3600A	318A4248+4X3	R-410A TXV
FEM4X4200A	318A4248+4X	R-410A TXV
FEM4X4800A	324A4860+4X	R-410A TXV
FEM4X6000A	424A60+4X	R-410A TXV

OEM Model #	Sustainable Model #	Specified Metering
FEM4X1800B	318S2430+4X	R-410A TXV
FEM4X2400B	324S3036+4X	R-410A TXV
FEM4X3000B	324S3036+4X	R-410A TXV
FEM4X3600B	318A4248+4X3	R-410A TXV
FEM4X4200B	318A4248+4X	R-410A TXV
FEM4X4800B	324A4860+4X	R-410A TXV
FEM4X6000B	324A4860+4X	R-410A TXV

International Comfort Products F-Series Air Handler cross reference:

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OEM Model #	Sustainable Model #	Specified Metering
FSM2X1800A	318S2430+2X	R-22 TXV
FSM2X2400A	324S3036+2X	R-22 TXV
FSM2X3000A	324S3036+2X	R-22 TXV
FSM2X3600A	318A4248+2X3	R-22 TXV
FSM2X4200A	318A4248+2X	R-22 TXV
FSM2X4800A	324A4860+2X	R-22 TXV
FSM2X6000A	424A60+2X	R-22 TXV

OEM Model #	Sustainable Model #	Specified Metering
FSM4P1800	324S3036	Piston
FSM4P2400	324S3036	Piston
FSM4P3000	328S3642	Piston
FSM4P3600	328S3642	Piston
FSM4P4200	318A4248	Piston
FSM4P4800	324A4860W	Piston

OEM Model #	Sustainable Model #	Specified Metering
FSM4X1800A	318S2430+4X	R-410A TXV
FSM4X2400A	324S3036+4X	R-410A TXV
FSM4X3000A	324S3036+4X	R-410A TXV
FSM4X3600A	318A4248+4X3	R-410A TXV
FSM4X4200A	318A4248+4X	R-410A TXV
FSM4X4800A	324A4860+4X	R-410A TXV
FSM4X6000A	424A60+4X	R-410A TXV

OEM Model #	Sustainable Model #	Specified Metering
FSU2X1800A	318S2430+2X	R-22 TXV
FSU2X2400A	324S3036+2X	R-22 TXV
FSU2X3000A	324S3036+2X	R-22 TXV
FSU2X3600A	328S3642+2X3	R-22 TXV
FSU2X4200A	318A4248+2X	R-22 TXV
FSU2X4800A	324A4860+2X	R-22 TXV
FSU2X6000A	424A60+2X	R-22 TXV

OEM Model #	Sustainable Model #	Specified Metering
FSU4P1800	324S3036	Piston
FSU4P2400	324S3036	Piston
FSU4P3000	328S3642	Piston
FSU4P3600	328S3642	Piston
FSU4P4200	318A4248	Piston
FSU4P4800	324A4860W	Piston

OEM Model #	Sustainable Model #	Specified Metering
FSU4X1800A	318S2430+4X	R-410A TXV
FSU4X2400A	324S3036+4X	R-410A TXV
FSU4X3000A	324S3036+4X	R-410A TXV
FSU4X3600A	328S3642+4X3	R-410A TXV
FSU4X4200A	318A4248+4X	R-410A TXV
FSU4X4800A	324A4860+4X	R-410A TXV
FSU4X6000A	424A60+4X	R-410A TXV

International Comfort Products F-Series Air Handler cross reference:

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OEM Model #	Sustainable Model #	Specified Metering
FVM2X2400A	314A2430+2X	R-22 TXV
FVM2X3600A	328S3642+2X3	R-22 TXV
FVM2X4800A	324A4860+2X	R-22 TXV
FVM2X6000A	424A60+2X	R-22 TXV

OEM Model #	Sustainable Model #	Specified Metering
FVM4X2400A	314A2430+4X	R-410A TXV
FVM4X3600A	328S3642+4X3	R-410A TXV
FVM4X4800A	324A4860+4X	R-410A TXV
FVM4X6000A	424A60+4X	R-410A TXV

OEM Model #	Sustainable Model #	Specified Metering
FXM4X1800A	324S3036+4X	R-410A TXV
FXM4X2400A	324S3036+4X	R-410A TXV
FXM4X3000A	328S3642+4X3	R-410A TXV
FXM4X3600A	318A4248+4X3	R-410A TXV
FXM4X4200A	318A4248+4X	R-410A TXV
FXM4X4800A	324A4860W+4X	R-410A TXV
FXM4X6000A	424A60+4X	R-410A TXV

OEM Model #	Sustainable Model #	Specified Metering
WAHL184B	318S2430+4X	R-410A TXV
WAHL244C	324S3036+4X	R-410A TXV
WAHL304B	324S3036+4X	R-410A TXV
WAHL364B	324S3036+4X	R-410A TXV
WAHL424B	318A4248+4X	R-410A TXV
WAHL484B	318A4248+4X	R-410A TXV
WAHL604B	324A4860+4X	R-410A TXV

3/8 O.D., CU-122, 60 helical rifled copper tube, .016 back wall

2,500 PSIG burst pressure minimum

Aluminum end plates for rust reduction

Piston models metered for R-22 applications, R-410A pistons available upon request

Expansion valve kits with chatleff fittings available upon request

Factory installed expansion valves available upon request

Suction and liquid lines positioned to access panel locations

Pre-swaged suction and liquid lines, shipped with dry nitrogen holding charge

A-coils utilize a G-90 paint grip metal coated drain pan with coil brackets

A-coil drains positioned to match access panel

314A2430, 318A4248 and 324A4860 top baffle sized to accept horizontal top seal from old coil.

424A60+TXV top baffle will not accept the horizontal top seal

Proper internal refrigerant volumes maintained for heat pump compatibility

Coils carry a Five year replacement warranty from date of installation

Proudly manufactured and assembled in Lindale, Texas

EPA-EXA R410A/R22 REPLACEMENT COILS

For Arcoaire, Comfortmaker, Heil, Tempstar & ICP Brands

1. In order to complement our manufacturing process and eliminate costly setups, certain models have been redesigned from 2 row coils to 3 rows, and 3 row coils to 4 rows. We have maintained the proper internal refrigerant volumes for each model to insure compatibility for heat pump applications. The new designs will be shorter, but all other dimensions are maintained for ease of installation. Redesigned models are noted with an asterisk in front of the model number.
2. The line set connections for our EPA-EXA replacement coils are properly positioned to match published specifications. The drain pan is properly sized for each application and the drain connections are positioned to fit the access panel.
3. All EPA-EXA replacement coils utilize 3/8" O.D., CU-122 60 helical copper tube, .016 back wall. Our tubing has a backwall thickness of .016, giving our coils a 2,500 PSI burst pressure minimum which far exceeds industry standards.
4. Our EPA-EXA coils can also be used in certain ICP air handlers such as the (N)FCP and (N)FCX models. Please refer to our EPA-EXA cross reference for model numbers.
5. Our EPA-EXA replacement coils carry a Five year replacement warranty.
6. **Please be aware that the original EPA30 and EPA36 coils were 2 row coils with limited internal refrigerant volumes. We no longer manufacture these EPA coils with the limited 2 row refrigerant volume. We offer a 3 row, piston metered version that will have the same dimensions. If the outdoor unit has been replaced due to a past failure, we strongly suggest utilizing our EXA versions for outdoor unit compatibility.**

For servicing existing equipment only.

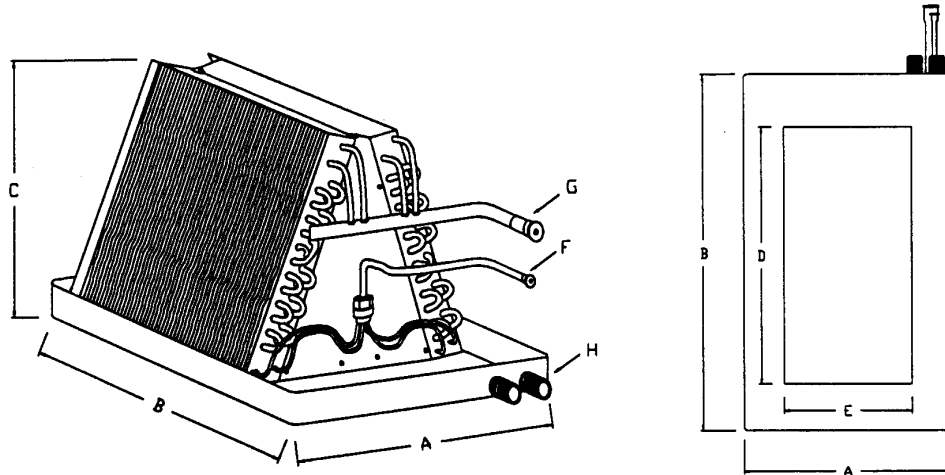
Uncased A-Coil	Same coil used in				
	Cased Coil	Multipurpose Cased Coil	Fan Coil		Electric Furnace
EPA	EPD	EPM	FCP		EF
EXA	EXD	EXM	FCX	FCV	EF

Sustainable Coils LLC

Replacement Coil Solutions!

EPA-EXA R410A/R22 REPLACEMENT A-COILS

Revision date: 10/01/2025



COIL MODEL	COIL WEIGHT	ROWS	A	B	C	D	E	F	G	H
**RC-EPA24B15	26	3	14 3/4	19 3/4	10 1/2	15 3/4	7 1/2	3/8	3/4	3/4
RC-EXA24B15	34	3	14 3/4	19 3/4	14 1/2	15 3/4	7 1/2	3/8	3/4	3/4
**RC-EPA36B15	41	3	14 3/4	19 3/4	18 1/2	15 3/4	7 1/2	3/8	3/4	3/4
**RC-EPA36F19	42	3	18 1/8	19 3/4	18 1/2	15 3/4	10 3/4	3/8	3/4	3/4
RC-EXA36B15	41	3	14 3/4	19 3/4	18 1/2	15 3/4	7 1/2	3/8	3/4	3/4
RC-EXA36F19	42	3	18 1/8	19 3/4	18 1/2	15 3/4	10 3/4	3/8	3/4	3/4
RC-EPA42F19	42	3	18 1/8	19 3/4	18 1/2	15 3/4	10 3/4	3/8	7/8	3/4
RC-EPA48F19	46	3	18 1/8	19 3/4	20 1/2	15 3/4	10 3/4	3/8	7/8	3/4
RC-EPA48J22	49	3	21 7/8	19 3/4	22 1/2	15 3/4	14 1/2	3/8	7/8	3/4
*RC-EPA60J22	56	4	21 7/8	19 3/4	20 1/2	15 3/4	12 3/4	3/8	7/8	3/4

Suction line 1 5/8" ←, 10 5/8" ↑. Liquid line 1 5/8" ←, 9 3/8" ↑.

Primary drain 2 1/2" ← to center, secondary drain 1 5/8" ← to center.

3/8" O.D., CU-122, 60 helical rifled copper tube, .016 back wall.

2,500 PSIG burst pressure minimum

Aluminum end plates to protect against rust corrosion

22 ga. G-90 paint grip metal drain pan, coated with a rust inhibitor and painted black

RC-EPA piston metered for R-22 application, RC-EXA equipped with R-22 heat pump TXV

Pre-swaged refrigerant connections, shipped with dry nitrogen holding charge

Five year replacement warranty

(*) Denotes overweight/oversize coil that must be shipped on a skid to a commercial location.

Sustainable Coils LLC

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EPA - EXA Replacement Coils Cross Reference

10/01/2025

CROSS REFERENCE UTILIZATION CHART

OEM Model #	Sustainable Model #	Specified Metering
EPA24B15	**RC-EPA24B15	R-22 PISTON
EPA36B15	**RC-EPA36B15	R-22 PISTON
EPA36F19	**RC-EPA36F19	R-22 PISTON
EPA42F19	RC-EPA42F19	R-22 PISTON
EPA48F19	RC-EPA48F19	R-22 PISTON
EPA48J22	RC-EPA48J22	R-22 PISTON
EPA60J22	**RC-EPA60J22	R-22 PISTON
EPA60N26	Out of production	R-22 PISTON

OEM Model #	Sustainable Model #	Specified Metering
EXA24B15	RC-EXA24B15	R-22 HP-TXV
EXA36B15	RC-EXA36B15	R-22 HP-TXV
EXA36F19	RC-EXA36F19	R-22 HP-TXV
EXA48J22	RC-EXA48J22	R-22 HP-TXV
EXA60N26	Out of production	R-22 HP-TXV

OEM Model #	Sustainable Model #	Specified Metering
(N)FCP2400C/D	**RC-EPA24B15	R-22 PISTON
(N)FCP3000C/D	**RC-EPA36B15	R-22 PISTON
(N)FCP3600C/D	**RC-EPA36F19	R-22 PISTON
(N)FCP4200C/D	**RC-EPA42F19	R-22 PISTON
(N)FCP4800C/D	RC-EPA48J22	R-22 PISTON
(N)FCP6000C/D	No Replacement Option	R-22 PISTON

OEM Model #	Sustainable Model #	Specified Metering
(N)FCX2400C	RC-EXA24B15	R-22 HP-TXV
(N)FCX3600C	RC-EXA36F19	R-22 HP-TXV
(N)FCX4800C	No Replacement Option	R-22 HP-TXV
(N)FCX6000C	No Replacement Option	R-22 HP-TXV

3/8" O.D., CU-122, 60 helical rifled copper tube, .016 back wall.

2,500 PSIG burst pressure minimum

Aluminum end plates for rust reduction.

EPA coils are piston metered for R-22 applications, additional 410A pistons available.

EXA coils have R-22 expansion valves factory installed, 410A valves available upon request.

Drains, suction and liquid lines are positioned to original OEM specifications.

Pre-swaged suction and liquid lines, shipped with dry nitrogen holding charge.

Coils utilize a coated G-90 paint grip metal drain pan.

Coils carry a Five year replacement warranty.

Proudly manufactured and assembled in Lindale, Texas.

**Denotes models that have been modified (2 row to 3 row, 3 row to 4 row) to meet current production models and facilitate shipping.



R410A/R22 WALL MOUNT AIR HANDLER REPLACEMENT COILS

Revised 10/01/2025

Wall mount Fan Coil units are primarily designed for apartment applications as upflow indoor air handlers for split system heat pump and cooling only air conditioners.

For units that service both 1.5 and 2 ton applications, additional pistons are included for R-22 and R-410A in both tonnages.

For servicing existing equipment only.

First Company-Wall Mount Air Handler replacement coils:

OEM Model #	Sustainable Model #	Specified Metering
9-320-284P	RC-320-284P	Piston
9-320-285	RC-320-285	Piston

Goodman AWUF-Wall Mount Air Handler replacement coils:

OEM Model #	Sustainable Model #	Specified Metering
AWUF18XX16A	RC-AWUF1824	Piston
AWUF18XX16B	RC-AWUF1824	Piston
AWUF24XX16A	RC-AWUF1824	Piston
AWUF24XX16B	RC-AWUF1824	Piston

ICP FWM-Wall Mount Air Handler replacement coils:

OEM Model #	Sustainable Model #	Specified Metering
FWM1800A	RC-FF1-1824	Piston
FWM2400A	RC-FF1-1824	Piston
FWM3000A	RC-FF1-030	Piston

Sustainable Coils LLC

Replacement Coil Solutions!

Revised 10/01/2025

Carrier, Bryant, Payne FF1-Wall Mount Air Handler replacement coils:

OEM Model #	Sustainable Model #	Specified Metering
FF1ANA018	RC-FF1-1824	Piston
FF1ANA024	RC-FF1-1824	Piston
FF1ANA030	RC-FF1-030	Piston

OEM Model #	Sustainable Model #	Specified Metering
FF1BNA018	RC-FF1-1824	Piston
FF1BNA024	RC-FF1-1824	Piston
FF1BNA030	RC-FF1-030	Piston

OEM Model #	Sustainable Model #	Specified Metering
FF1CNA018	RC-FF1-1824	Piston
FF1CNA024	RC-FF1-1824	Piston
FF1CNA030	RC-FF1-030	Piston

OEM Model #	Sustainable Model #	Specified Metering
FF1DNA018	RC-FF1-1824	Piston
FF1DNA024	RC-FF1-1824	Piston
FF1DNA030	RC-FF1-030	Piston
FF1DNE018	RC-FF1-1824+2X	R-22 TXV
FF1DNE024	RC-FF1-1824+2X	R-22 TXV
FF1DNE030	RC-FF1-030+2X	R-22 TXV

OEM Model #	Sustainable Model #	Specified Metering
FF1ENE018	RC-FF1-1824+2X	R-22 TXV
FF1ENE024	RC-FF1-030+2X	R-22 TXV
FF1ENE030	RC-FF1-030+2X	R-22 TXV
FF1ENP018	RC-FF1-1824+4X	R-410A TXV
FF1ENP019	RC-FF1-1824+4X	R-410A TXV
FF1ENP024	RC-FF1-030+4X	R-410A TXV
FF1ENP025	RC-FF1-030+4X	R-410A TXV
FF1ENP030	RC-FF1-030+4X	R-410A TXV

Telephone: (903) 881-6006

email: sales@SustainableCoils.com

Sustainable Coils LLC

Replacement Coil Solutions!

Expansion Valves:

We utilize Parker HCAE adjustable charge expansion valves equipped with chatleff fittings. Factory super heat preset 9° - 12°.

All expansion valves are Heat Pump compatible.

TXV PART #	REFRIGERANT	TONNAGE
2XHP-2/3	R-22	1.5 - 3
2XHP-4/5	R-22	3.5 - 5
4XHP-2/4	R-410A	1.5 - 4
4XHP-4/5	R-410A	4 - 5

Stock R410A/R22 coils piston utilization charts:

TONNAGE	REFRIGERANT	PISTON
1.5	R-22	.055
2	R-22	.059
2.5	R-22	.067
3	R-22	.073
3.5	R-22	.080
4	R-22	.084
5	R-22	.093

TONNAGE	REFRIGERANT	PISTON
1.5	R-410A	.051
2	R-410A	.055
2.5	R-410A	.059
3	R-410A	.067
3.5	R-410A	.076
4	R-410A	.080
5	R-410A	.086

STOCK A2L REPLACEMENT COILS

10/01/2025

The model numbers of our replacement coils designed for A2L applications are designated with an “A” as the first character in the model number. Our stock A2L replacement coils are piston metered for R454B applications. R32 pistons are available as additional pistons ordered with the coils or bulk ordered by our wholesale distributing partners. Coils may also be ordered with adjustable TXV’s.

Please note the information below regarding our A2L part number nomenclature.

Example: A318A364816C = $\frac{A}{1}$ $\frac{3}{2}$ $\frac{18}{3}$ $\frac{A}{4}$ $\frac{3648}{5}$ $\frac{16}{6}$ $\frac{C}{7}$

1. “A”: Designates designed for A2L applications.
2. “3”: Designates the number of rows thick of each coil slab.
3. “18”: Designates the number of tubes high of each coil slab.
4. “A”: Designates the coil configuration. “A” for A-coil, “H” for cased horizontal slab coil.
5. “3648”: Designates the suggested nominal tonnage application range. In this example the coil will have a .080 piston installed for R454B 4-ton application. Also enclosed will be a .067 piston for 3-ton applications and a .076 piston for 3.5-ton applications. Both additional pistons will be attached to the top baffle of the A-coil, or to the side panel of our cased horizontal slab coil.
6. “16”: Designates the width of the A-coil drain pan or the width of the opening of the cased horizontal coil.
7. “C”: Designates a cased A-coil. If the A-coil model number does not have a “C” it is uncased.

Our stock A2L replacements with R454B pistons installed and additional pistons attached for suggested nominal tonnages (position 5 in the example) as follows:

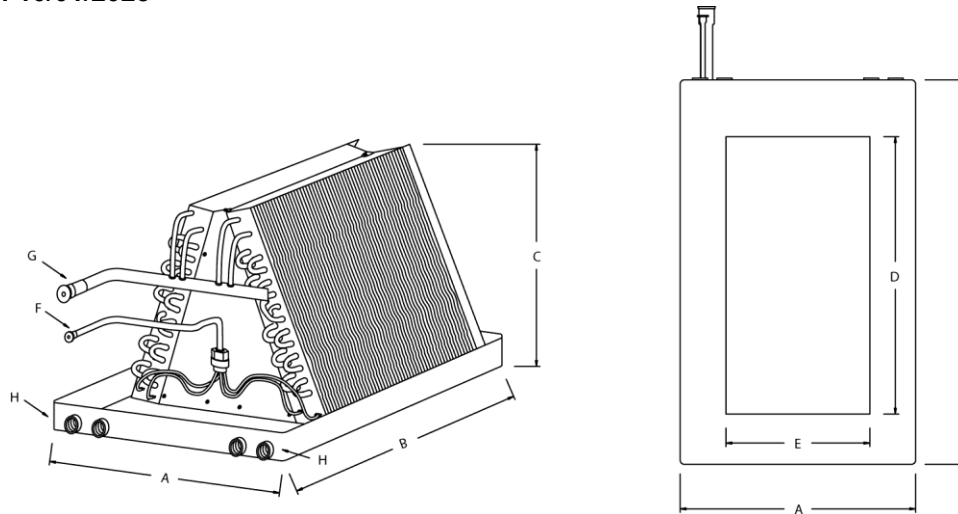
24	.055 (2-ton) installed, .051 (1.5-ton) attached
2436	.067 (3-ton) installed, .055 (2-ton) and .059 (2.5-ton) attached
3648	.080 (4-ton) installed, .067 (3-ton) and .076 (3.5-ton) attached
4860	.086 (5-ton) installed, .080 (4-ton) attached
4260	.086 (5-ton) installed, .076 (3.5-ton) and .080 (4-ton) attached

Sustainable Coils LLC

Replacement Coil Solutions!

STOCK A2L UNCASED REPLACEMENT A-COILS

Revision Date: 10/01/2025



COIL MODEL	COIL WEIGHT	A	B	C	D	E	F	G	H
A310A2413	20	13	19 1/2	10 1/2	15 1/2	5 1/2	3/8	3/4	3/4
A310A2416	22	16	19 1/2	10 1/2	15 1/2	8 1/2	3/8	3/4	3/4
A314A243613	25	13	19 1/2	14 1/2	15 1/2	5 1/2	3/8	3/4	3/4
A314A243616	28	16	19 1/2	14 1/2	15 1/2	8 1/2	3/8	3/4	3/4
A314A243620	30	20	19 1/2	14 1/2	15 1/2	12 1/2	3/8	3/4	3/4
A318A364813	31	13	19 1/2	18 1/2	15 1/2	5 1/2	3/8	7/8	3/4
A318A364816	33	16	19 1/2	18 1/2	15 1/2	8 1/2	3/8	7/8	3/4
A318A364820	35	20	19 1/2	18 1/2	15 1/2	12 1/2	3/8	7/8	3/4
A318A364823	37	23	19 1/2	18 1/2	15 1/2	15 1/2	3/8	7/8	3/4
A322A426016	39	16	19 1/2	22 1/2	15 1/2	8 1/2	3/8	7/8	3/4
A322A426020	41	20	19 1/2	22 1/2	15 1/2	12 1/2	3/8	7/8	3/4
A322A426023	43	23	19 1/2	22 1/2	15 1/2	15 1/2	3/8	7/8	3/4
A326A486020	47	20	19 1/2	26 1/2	15 1/2	12 1/2	3/8	7/8	3/4
A326A486023	49	23	19 1/2	26 1/2	15 1/2	15 1/2	3/8	7/8	3/4

All coils shipped with G2090-KIT, Dual Refrigerant Sensor kit for R454B and R32.

3/8" O.D., CU-122, 60 helical rifled copper tube, .016 back wall

2,500 PSIG burst pressure minimum

Aluminum end plates to protect against rust corrosion

Louvered aluminum fins spaced at 14 FPI

Plastic drain pans in popular widths; nylon resin is 5VFR rated and U.V. safe

Piston metered for R454B application, additional R32 pistons available upon request

R454B and R32 expansion valves (boxed kit or factory installed) available upon request

Pre-swaged refrigerant connections, shipped with dry nitrogen holding charge

Expanded IRV: A310A24=98.26, A314A2436=137.56, A318A3648=176.87, A322A4860=216.17

:A326A60=255.48

Five year replacement warranty

Visit our website www.SustainableCoils.com for further information regarding our complete product line.

Telephone: (903) 881-6006

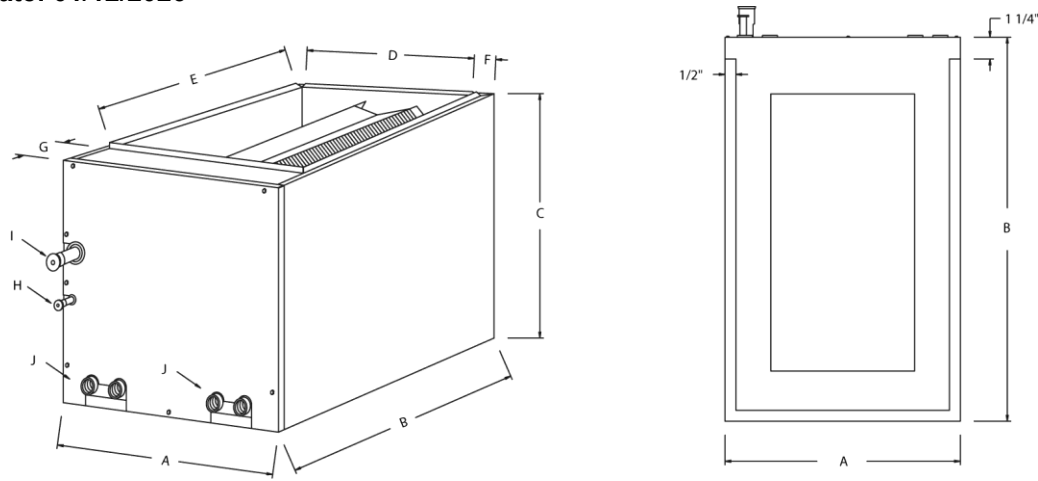
email: sales@SustainableCoils.com

Sustainable Coils LLC

Replacement Coil Solutions!

STOCK A2L CASED REPLACEMENT A-COILS

Revision Date: 01/12/2026



COIL MODEL	COIL WEIGHT	A	B	C	D	E	F	G	H	I	J
A310A2413-C	34	14 1/2	21 1/4	14	12 3/4	18 3/4	7/8	1 5/8	3/8	3/4	3/4
A310A2416-C	36	17 1/2	21 1/4	14	15 3/4	18 3/4	7/8	1 5/8	3/8	3/4	3/4
A314A243613-C	41	14 1/2	21 1/4	16	12 3/4	18 3/4	7/8	1 5/8	3/8	3/4	3/4
A314A243616-C	44	17 1/2	21 1/4	16	15 3/4	18 3/4	7/8	1 5/8	3/8	3/4	3/4
A314A243620-C	52	21	21 1/4	18	19 1/4	18 3/4	7/8	1 5/8	3/8	3/4	3/4
A318A364813-C	51	14 1/2	21 1/4	20	12 3/4	18 3/4	7/8	1 5/8	3/8	7/8	3/4
A318A364816-C	53	17 1/2	21 1/4	20	15 3/4	18 3/4	7/8	1 5/8	3/8	7/8	3/4
A318A364820-C	57	21	21 1/4	20	19 1/4	18 3/4	7/8	1 5/8	3/8	7/8	3/4
A318A364823-C	60	24 1/2	21 1/4	20	22 3/4	18 3/4	7/8	1 5/8	3/8	7/8	3/4
A322A426016-C	61	17 1/2	21 1/4	24	15 3/4	18 3/4	7/8	1 5/8	3/8	7/8	3/4
A322A426020-C	66	21	21 1/4	24	19 1/4	18 3/4	7/8	1 5/8	3/8	7/8	3/4
A322A426023-C	69	24 1/2	21 1/4	24	22 3/4	18 3/4	7/8	1 5/8	3/8	7/8	3/4
A326A486020-C	75	21	21 1/4	28	19 1/4	18 3/4	7/8	1 5/8	3/8	7/8	3/4
A326A486023-C	78	24 1/2	21 1/4	28	22 3/4	18 3/4	7/8	1 5/8	3/8	7/8	3/4

All coils shipped with G2090-KIT, Dual Refrigerant Sensor kit for R454B and R32.

3/8" O.D., CU-122, 60 helical rifled copper tube, .016 back wall

2,500 PSIG burst pressure minimum

Aluminum end plates to protect against rust corrosion

Louvered aluminum fins spaced at 14 FPI

Plastic drain pans in popular widths; nylon resin is 5VFR rated and U.V. safe

22 ga. G-90 galvanized cabinets with 1/2" foil backed insulation in popular sizes

Piston metered for R454B application, additional R32 pistons available upon request

R454B and R32 expansion valves (boxed kit or factory installed) available upon request

Pre-swaged refrigerant connections, shipped with dry nitrogen holding charge

Expanded IRV: A310A24=98.26, A314A2436=137.56, A318A3648=176.87, A322A4860=216.17

:A326A60=255.48

Five year replacement warranty

Visit our website www.SustainableCoils.com for further information regarding our complete product line.

Telephone: (903) 881-6006

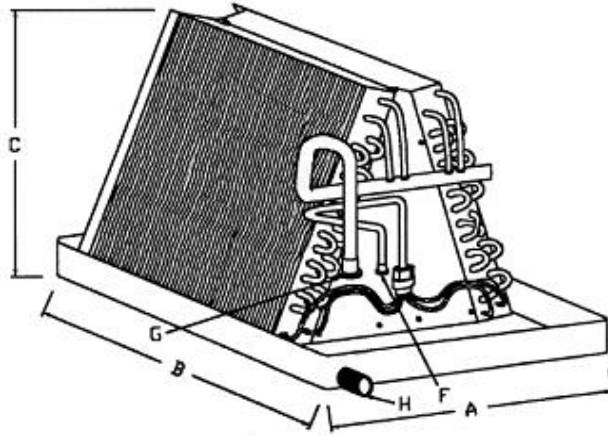
email: sales@SustainableCoils.com

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STOCK A2L MOBILE HOME REPLACEMENT COILS

Revision Date: 12/02/2025



COIL MODEL	COIL WEIGHT	A	B	C	F	G	H
A216A24-MH	24	18	19 1/2	16 1/2	3/8	3/4	3/4
A314A2436-MH	30	18	19 1/2	14 1/2	3/8	3/4	3/4
A314A2436-FEV	36	15 3/4	20 5/8	14 1/2	3/8	3/4	3/4
A318A3648-MH	36	18	19 1/2	18 1/2	3/8	7/8	3/4
A318A3648-FEV	40	15 3/4	20 5/8	18 1/2	3/8	7/8	3/4
A318A4248-FEV	42	19 1/4	20 5/8	18 1/2	3/8	7/8	3/4
A418A4260-MH	41	18	19 1/2	18 1/2	3/8	7/8	3/4
A324A4860-FEV	49	19 1/4	20 5/8	24 1/2	3/8	7/8	3/4
A424A4860-FEV	58	22 3/4	20 5/8	24 1/2	3/8	7/8	3/4

Hairpin Tube:	All coils shipped with G2090-KIT 3/8" O.D., CU-122, 60 helical rifled copper tube, .016 back wall 2,500 PSIG burst pressure minimum
Rows/FPI:	2 rows, 14 FPI: A216A24-MH 3 rows, 14 FPI: A314A2436-MH, A314A2436-FEV, A318A3648-MH A318A3648-FEV, A324A4860-FEV 4 rows, 12 FPI: A418A4260-MH, A424A4860-FEV
End Plates:	Aluminum
Metering:	Piston metered for R454B refrigerant, additional R32 piston optional R454B and R32 TXV (boxed kit or factory installed) available upon request
Refrigerant connections:	Pre-swaged
Expanded IRV (cu. In.):	A216A24=104.81, A314A2436=137.56, A318A3648=176.87, A418A4260=235.82 A324A4860-FEV=262.35, A424A4860-FEV=324.26
Drain Pan:	Nylon resin pans are 5VFR rated and U.V. safe FEV drain pans are metal
Holding Charge:	Dry nitrogen
Warranty:	Five year replacement warranty

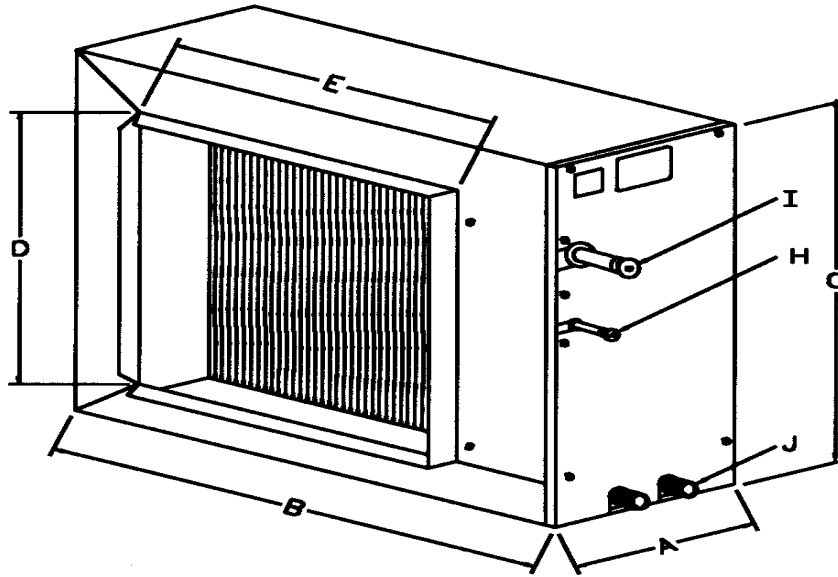
Please visit our website www.SustainableCoils.com for further information regarding our complete product line.

Telephone: (903) 881-6006

email: sales@sustainablecoils.com

STOCK A2L CASED HORIZONTAL SLAB COILS

Revision Date: 10/01/2025



COIL MODEL	COIL WEIGHT	A	B	C	D	E	H	I	J
A324H2414	39	10	20	25	21	14	3/8	3/4	3/4
A324H243619	45	10	25	25	21	19	3/8	3/4	3/4
A324H364824	52	10	30	25	21	24	3/8	7/8	3/4
A324H426028	58	10	34	25	21	28	3/8	7/8	3/4
A424H426028	68	10	34	25	21	28	3/8	7/8	3/4

All coils shipped with G2090-KIT

3/8" O.D., CU-122, 60 helical rifled copper tube, .016 back wall

2,500 PSIG burst pressure minimum

Aluminum end plates to protect against rust corrosion

Louvered aluminum fins

Piston metered for R454B refrigerant, additional R32 pistons available upon request

R454B and R32 expansion valves (boxed kit or factory installed) available upon request

Metal drain pan

Pre-swaged refrigerant connection, shipped with dry nitrogen holding charge

Expanded IRV: A324H2414=103.17, A324H243619=140.02, A324H364824=176.87

A324H426028=206.35, A424H426028=275.13

Five year replacement warranty

Visit our website at www.Sustainablecoils.com for further information regarding our complete product line.

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A2L Field installed Refrigerant Detection Sensor

Sustainable Coils is pleased to offer the Danfoss 73G2090 Dual Refrigerant Sensor. The sensor is for both R454B and R32. It wires directly to the furnace/air handler low voltage terminals for ease of application.

The following is provided with your Danfoss 73G2090 Dual Sensor Kit.

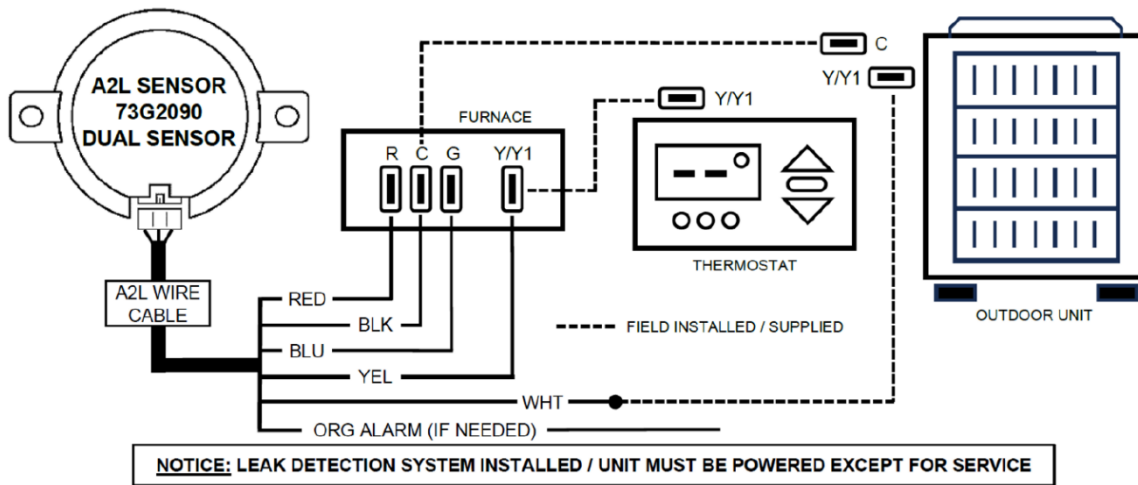
- 1 ea. Danfoss 73G2090 sensor
- 1 ea. 5' connection cable
- 2 ea. 2" zip ties
- 1 ea. 2" x 4" (sticker) White refrigerant conversion label
- 1 ea. 2" x 4" (sticker) White wiring schematic label
- 2 ea. 1" x 1.5" (sticker) Red R32
- 2 ea. 1" x 1.5" (sticker) Red R454B
- 4 ea. 1" x 1.5" (sticker) Red Pipe (Refrigerant Safety Group A2L)
- 1 ea. 4" x 6" (sticker) Yellow (unit ID warning label A2L)
- 1 ea. 2" x 4" (sticker) Yellow (notice-unit must be powered)
- 1 ea. 1" x 2" (sticker) Green (RDS Status Lights)
- 2 ea. #8 x 1" self tapping screws
- 2 ea. 5/8" grommets

1. Read all the instructions in this guideline carefully. If any of the instructions are unclear, clarify with a qualified licensed technician before proceeding.
2. If not already plugged in, plug the 5' sensor detection cable into the Refrigerant Detection Sensor (RDS).
3. With the screws provided, mount the sensor directly onto the sheet metal delta plate on the front of the coil. The preferred position would be approximately 1" above the drain pan and below the suction line. If there is no room due to an installed TXV or feeder parts, find an open spot in the general area.
4. The sensor can be mounted horizontally or vertically for desired directional orientation. NEVER INSTALL THE SENSOR ON THE BOTTOM OF A CABINET UPSIDE DOWN!
5. Now run the 5' cable to the electric/fan low voltage control terminals. It may be necessary to drill a 5/8" hole to access the low voltage terminals. Use the grommets provided to protect the cable. Use the bar ties to secure looped cable after the proper length is determined. DO NOT ZIP TIE OR MAKE SERVICE LOOP AT THE BOTTOM NEAR THE RDS SENSOR. DO NOT ZIP TIE THE CABLE TO PIPES!

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With the power off, make your connections as shown in the wiring diagram below.



6. Connect the red wire to the “R” terminal on the furnace/air handler low voltage terminal block.
7. Connect the black wire to the “C” or “COM” terminal on the furnace/air handler low voltage terminal block.
8. Connect the blue wire to the “G” terminal on the furnace/air handler low voltage terminal block.
9. Connect the yellow wire to the “Y” or “Y1” terminal on the furnace/air handler low voltage terminal block.
10. Connect the white wire to the low voltage wire coming from the “Y” or “Y1” from the terminal on the outdoor unit.

The orange wire is used for smart thermostats or building systems capable of alerting the end user of a leak. If used, connect the orange wire to the appropriate connection.

Verifying the refrigerant leak mitigation system during the cooling cycle:

With the power on, set the thermostat to “cool” and the fan switch to “auto”. Lower the thermostat temperature so that the outdoor unit will activate.

1. The RDS sensor will be a steady green during power warm up. It will then be a blinking green light which means “Normal Operation”.
2. Confirm that the outdoor unit and indoor fan are operating normally.
3. Release a small amount of refrigerant onto the RDS.
4. The sensor color will turn a steady red, as the sensor activates the mitigation mode.
5. Confirm the outdoor unit compressor and fan motor have shut down. Confirm the indoor blower continues to operate.
6. After approximately 5 minutes, the sensor will reset due to the mitigation of the refrigerant. It will start blinking green again.
7. Confirm that the outdoor unit compressor and fan motor are back on and operating normally. Confirm that the indoor fan is operating normally.

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Quick Reference trouble shooting using RDS color codes:

1. Steady Green-Power warm up
2. Blinking Green-Normal operation
3. Steady Amber-Power up failure
4. Green and Amber Blinking-near end of life
5. Blinking Red-not resettable
6. Steady Red-DTLV Alarm
7. Steady Green & Heartbeat Amber-Warning, out of operating range

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Expansion Valves:

We utilize Parker HCAE adjustable charge expansion valves equipped with chatleff fittings. Factory super heat preset 9° - 12°.

All expansion valves are Heat Pump compatible.

TXV PART #	REFRIGERANT	TONNAGE
4XHP-2/3	R454B, R32	1.5 - 3
4XHP-4/5	R454B, R32	3.5 - 5

Stock coils piston utilization charts:

TONNAGE	REFRIGERANT	PISTON
1.5	R454B	.051
2	R454B	.055
2.5	R454B	.059
3	R454B	.067
3.5	R454B	.076
4	R454B	.080
5	R454B	.086

TONNAGE	REFRIGERANT	PISTON
1.5	R32	.042
2	R32	.049
2.5	R32	.053
3	R32	.057
3.5	R32	.063
4	R32	.070
5	R32	.074