

## CASED HORIZONTAL DUCT COILS

### R-22 or ENVIRONMENTALLY SOUND R-410A SYSTEMS

#### 2 THRU 5 TONS

#### FEATURES

- Horizontal, bi-directional airflow
- Bolt-on TXV metering device factory installed on all models (equalizer tube brazed in)
- Slide-out feature for easy cleaning
- Copper tube / aluminum fin slab coil
- Pre-painted steel cabinet

#### AVAILABLE WITH TIN COATED COPPER TUBING

- Model numbers ending in "AT" have industry exclusive tin coated copper main tubing for additional corrosion protection

#### WARRANTY

- 10 year limited coil warranty ("AT" tin coated models)  
5 year limited coil warranty (standard models)
- 5 year limited parts warranty

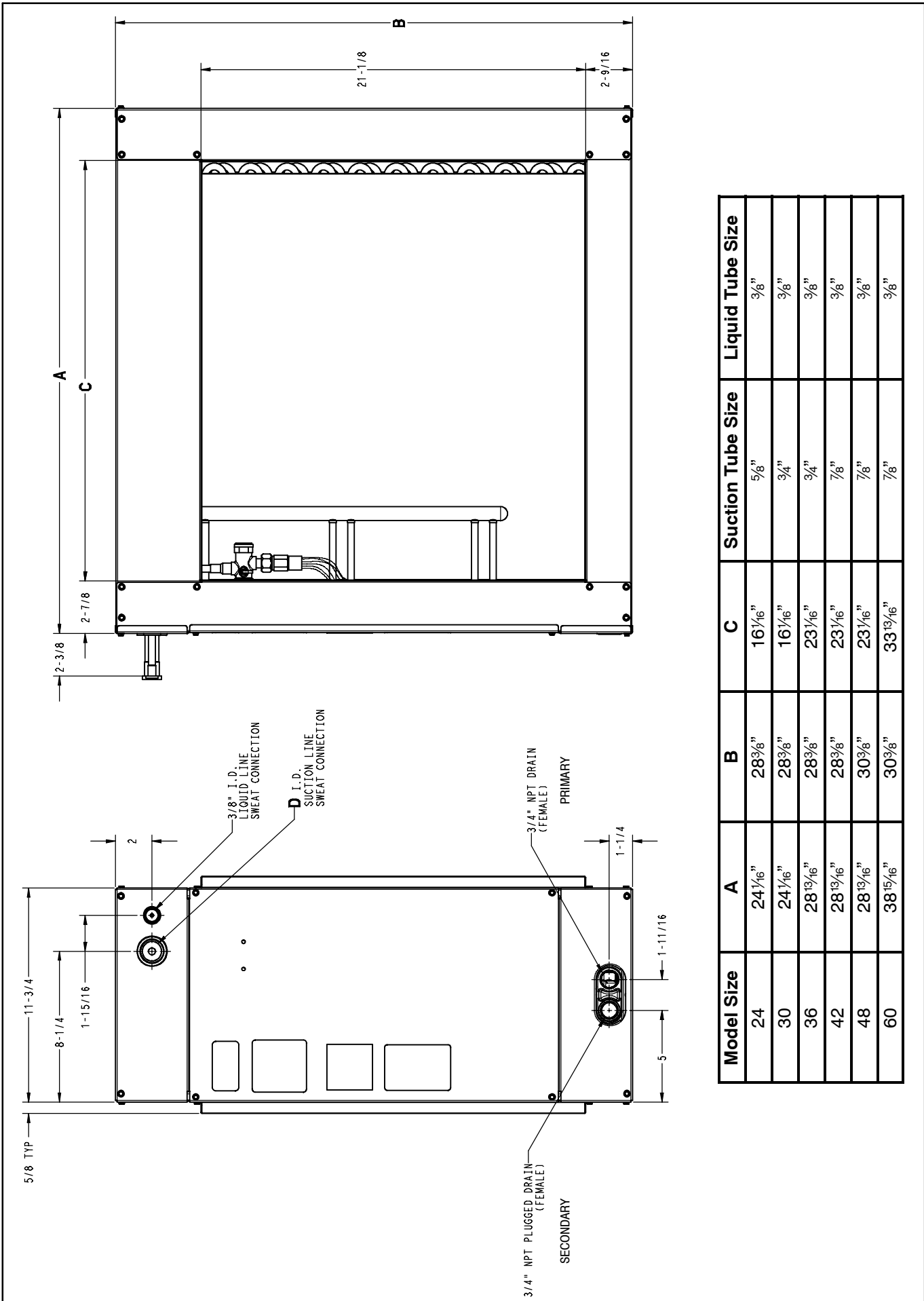


	Model	Size (tons)	Dimensions H x W x D (in)
R-410A	EHD4X24AA	2	28 <sup>3</sup> / <sub>8</sub> x 11 <sup>3</sup> / <sub>4</sub> x 24 <sup>1</sup> / <sub>16</sub>
	24AAT		Tin Coated Copper
	EHD4X30AA	2½	28 <sup>3</sup> / <sub>8</sub> x 11 <sup>3</sup> / <sub>4</sub> x 24 <sup>1</sup> / <sub>16</sub>
	30AAT		Tin Coated Copper
	EHD4X36AA	3	28 <sup>3</sup> / <sub>8</sub> x 11 <sup>3</sup> / <sub>4</sub> x 28 <sup>13</sup> / <sub>16</sub>
	36AAT		Tin Coated Copper
	EHD4X42AA	3½	28 <sup>3</sup> / <sub>8</sub> x 11 <sup>3</sup> / <sub>4</sub> x 28 <sup>13</sup> / <sub>16</sub>
	42AAT		Tin Coated Copper
	EHD4X48AA	4	30 <sup>3</sup> / <sub>8</sub> x 11 <sup>3</sup> / <sub>4</sub> x 28 <sup>13</sup> / <sub>16</sub>
	48AAT		Tin Coated Copper
R-22	EHD4X60AA	5	30 <sup>3</sup> / <sub>8</sub> x 11 <sup>3</sup> / <sub>4</sub> x 38 <sup>15</sup> / <sub>16</sub>
	60AAT		Tin Coated Copper
	EHD2X24AA	2	28 <sup>3</sup> / <sub>8</sub> x 11 <sup>3</sup> / <sub>4</sub> x 24 <sup>1</sup> / <sub>16</sub>
	24AAT		Tin Coated Copper
	EHD2X30AA	2½	28 <sup>3</sup> / <sub>8</sub> x 11 <sup>3</sup> / <sub>4</sub> x 24 <sup>1</sup> / <sub>16</sub>
	30AAT		Tin Coated Copper
	EHD2X36AA	3	28 <sup>3</sup> / <sub>8</sub> x 11 <sup>3</sup> / <sub>4</sub> x 28 <sup>13</sup> / <sub>16</sub>
	36AAT		Tin Coated Copper
	EHD2X42AA	3½	28 <sup>3</sup> / <sub>8</sub> x 11 <sup>3</sup> / <sub>4</sub> x 28 <sup>13</sup> / <sub>16</sub>
	42AAT		Tin Coated Copper
R-22	EHD2X48AA	4	30 <sup>3</sup> / <sub>8</sub> x 11 <sup>3</sup> / <sub>4</sub> x 28 <sup>13</sup> / <sub>16</sub>
	48AAT		Tin Coated Copper
	EHD2X60AA	5	30 <sup>3</sup> / <sub>8</sub> x 11 <sup>3</sup> / <sub>4</sub> x 38 <sup>15</sup> / <sub>16</sub>
	60AAT		Tin Coated Copper



Rated in accordance with ARI Standard 210 and/or 240. Certification applies only when used with proper components as listed with ARI.





Model Size	A	B	C	Suction Tube Size	Liquid Tube Size
24	24 <sup>1/16</sup> "	28 <sup>3/8</sup> "	16 <sup>1/16</sup> "	5/8"	3/8"
30	24 <sup>1/16</sup> "	28 <sup>3/8</sup> "	16 <sup>1/16</sup> "	3/4"	3/8"
36	28 <sup>13/16</sup> "	28 <sup>3/8</sup> "	23 <sup>1/16</sup> "	3/4"	3/8"
42	28 <sup>13/16</sup> "	28 <sup>3/8</sup> "	23 <sup>1/16</sup> "	7/8"	3/8"
48	28 <sup>13/16</sup> "	30 <sup>3/8</sup> "	23 <sup>1/16</sup> "	7/8"	3/8"
60	38 <sup>15/16</sup> "	30 <sup>3/8</sup> "	33 <sup>13/16</sup> "	7/8"	3/8"

PHYSICAL DATA						
	Model Size					
	24	30	36	42	48	60
<b>TXV factory installed, hard shut-off, bi-flow type for heat pump application, non-adjustable superheat</b>						
R-22 TXV Size	3 ton			5 ton		6 ton
R-410A TXV Size	2 ton		3 ton	4 ton	5 ton	
TXV Connections	TXV-to-coil = Bolt-on 3/4-20 UNF straight thread (factory assembled)					
	field line set to TXV = 3/8" sweat (female)					
	equalizer-to-coil = brazed in (factory brazed)					
Nominal Acceptable CFM Range						
CFM - min	700	875	1050	1225	1400	1750
CFM - max	900	1125	1350	1575	1800	2000
Coil Data (all coils 1 slab, lanced sine wave bare aluminum fin)						
Face Area (ft <sup>2</sup> )	2.98	3.34	4.02	4.42	4.76	6.22
Slab H x W (in)	26 x 16½	26 x 18½	26 x 22¼	26 x 24½	28 x 24½	28 x 32
Fins Per Inch	15	14	15	15	15	14
Refrigerant Line Connections (sweat)						
Liquid (inch)	3/8	3/8	3/8	3/8	3/8	3/8
Suction (inch)	5/8	3/4	3/4	7/8	7/8	7/8

ACCESSORIES	
Description	Part Number
Fossil Fuel Kit	AXWR01DFB
PVC Condensate Trap Kit (box of 50)	EBAC01CTK

COIL MODEL NUMBER IDENTIFICATION GUIDE									
	<b>E</b>	<b>H</b>	<b>D</b>	<b>2</b>	<b>X</b>	<b>24</b>	<b>A</b>	<b>A</b>	<b>1</b>
E = Evaporator	<b>TYPE</b>		<b>APPLICATION</b>	<b>REFRIGERANT</b>	<b>METERING DEVICE</b>	<b>NOMINAL CAPACITY</b>	<b>WIDTH</b>	<b>SALES CODE / FEATURES</b>	
H = Horizontal									
D = Duct									
2 = R-22									
4 = Environmentally Sound R-410A									
X = TXV									
24 = 24,000 BTUH = 2 tons									
30 = 30,000 BTUH = 2½ tons									
36 = 36,000 BTUH = 3 tons									
42 = 42,000 BTUH = 3½ tons									
48 = 48,000 BTUH = 4 tons									
60 = 60,000 BTUH = 5 tons									
A = 11.8"									
A = Standard									
AT = Tin Coated Copper Tubes for Additional Corrosion Protection									
Engineering Revision									

STATIC PRESSURE DROP ACROSS COIL AT A GIVEN CFM							
Coil Size	CFM Across Coil	Static Pressure Drop Across Coil (Inches Water Column)		Coil Size	CFM Across Coil	Static Pressure Drop Across Coil (Inches Water Column)	
		Dry	Wet			Dry	Wet
24 2 tons	400	0.060	0.069	48 4 tons	600	0.063	0.080
	500	0.081	0.096		700	0.076	0.101
	600	0.104	0.129		800	0.091	0.123
	700	0.129	0.162		900	0.105	0.149
	800	0.155	0.198		1000	0.121	0.175
	900	0.186	0.237		1100	0.138	0.206
	1000	0.217	0.278		1200	0.157	0.215
					1300	0.175	0.231
30 2½ tons	400	0.044	0.050		1400	0.195	0.261
	500	0.060	0.071		1500	0.217	0.291
	600	0.077	0.093		1600	0.238	0.325
	700	0.097	0.116		1700	0.260	0.361
	800	0.116	0.144		1800	0.284	0.394
	900	0.140	0.172		800	0.051	0.063
	1000	0.165	0.203		900	0.060	0.076
	1100	0.190	0.235		1000	0.069	0.089
36 3 tons	1200	0.219	0.269		1100	0.079	0.102
	400	0.043	0.048		1200	0.090	0.118
	500	0.058	0.066	1300	0.101	0.135	
	600	0.074	0.086	1400	0.113	0.155	
	700	0.089	0.104	1500	0.125	0.175	
	800	0.107	0.128	1600	0.138	0.193	
	900	0.127	0.154	1700	0.153	0.214	
	1000	0.150	0.182	1800	0.165	0.235	
	1100	0.172	0.212	1900	0.180	0.258	
	1200	0.197	0.245	2000	0.195	0.279	
	1300	0.224	0.280				
	1400	0.252	0.317				
42 3½ tons	600	0.065	0.076				
	700	0.079	0.094				
	800	0.095	0.114				
	900	0.113	0.137				
	1000	0.134	0.163				
	1100	0.154	0.189				
	1200	0.176	0.215				
	1300	0.197	0.245				
	1400	0.220	0.273				
	1500	0.246	0.303				
1600	0.268	0.332					

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