VSX13

Split System Air Conditioner

13 SEER

1½ to 5 Tons

Cooling Capacity:
18,000 - 60,000 BTU/h

Standard Features

- Energy-efficient compressor
- Quiet condenser fan system
- Factory-installed liquid line filter drier
- Copper tube/aluminum fin coil
- R-410A refrigerant-charged for 15' of refrigerant lines
- Brass liquid and suction service valves with sweat connections
- Ground lug connection
- AHRI Certified; ETL Listed

Cabinet Features

- Sound control top designed for quiet operation
- Steel louver coil guard
- Heavy-gauge galvanized-steel cabinet
- Attractive Bahama Beige powder-paint finish with 500-hour salt-spray approval
- When properly anchored, meets the 2001 Florida Building Code unit integrity requirements for hurricane-type winds (Anchor bracket kits available.)

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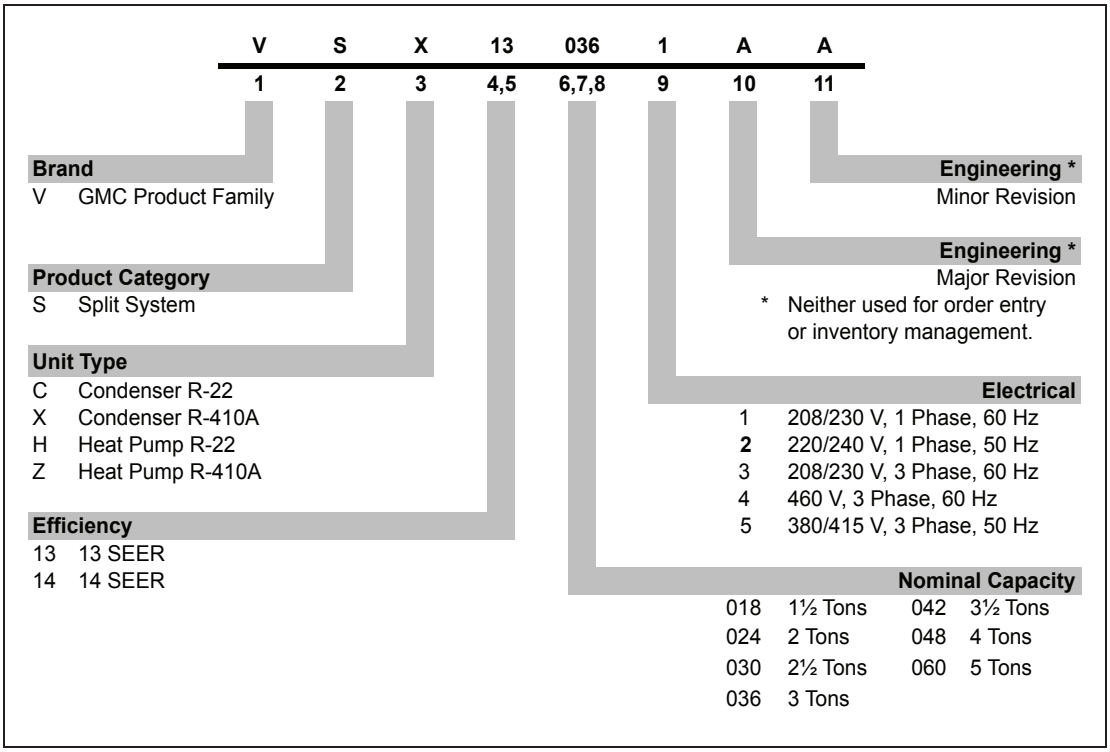
10 PARTS LIMITED YEAR WARRANTY*

* Complete warranty details available from your local dealer or at www.goodmanmfg.com/gmc.

NOMENCLATURE



SPECIFICATIONS

	VSX13 0181D*	VSX13 0181E*	VSX13 0241D*	VSX13 0301D*	VSX13 0361D*	VSX13 0421B*	VSX13 0481B*	VSX13 0601B*
CAPACITIES								
Nominal Cooling (BTU/h)	18,000	18,000	24,000	30,000	36,000	42,000	48,000	60,000
SEER / EER	13 / 11	13 / 11	13 / 11	13 / 11	13 / 11	13 / 11	13 / 11	13 / 11
Decibels	74	75	75	75	78	75	76	77
COMPRESSOR								
RLA	6.7	6.7	13.5	12.8	14.1	17.9	19.9	25.0
LRA	41	41	58.3	64	77	112	109	134
CONDENSER FAN MOTOR								
Horsepower	1/8	1/8	1/8	1/8	1/4	1/4	1/4	1/4
FLA	0.7	0.7	0.7	0.7	1.1	1.5	1.5	1.5
REFRIGERATION SYSTEM								
Refrigerant Line Size [1]								
Liquid Line Size ("O.D.)	⅜"	⅜"	⅜"	⅜"	⅜"	⅜"	⅜"	⅜"
Suction Line Size ("O.D.)	¾"	¾"	¾"	¾"	⅞"	1⅛"	1⅛"	1⅛"
Refrigerant Connection Size								
Liquid Valve Size ("O.D.)	⅜"	⅜"	⅜"	⅜"	⅜"	⅜"	⅜"	⅜"
Suction Valve Size ("O.D.) [4] [5]	¾"	¾"	¾"	¾"	¾" [4]	⅞" [5]	⅞" [5]	⅞" [5]
Valve Type	Sweat	Sweat	Sweat	Sweat	Sweat	Sweat	Sweat	Sweat
Refrigerant Charge (oz.)	70	73	76	76	83	121	104	122
Shipped with Orifice Size	0.051	0.051	0.057	0.061	0.067	0.076	0.080	0.086
ELECTRICAL DATA								
Voltage / Hz	208/230-60/1		208/230-60/1		208/230-60/1		208/230-60/1	
Minimum Circuit Ampacity [2]	9.1	9.1	17.6	16.7	19.1	23.9	26.3	32.8
Maximum Overcurrent Protection [3]	15 amps	15 amps	30 amps	25 amps	30 amps	40 amps	45 amps	50 amps
Minimum / Maximum Voltage	197/253	197/253	197/253	197/253	197/253	197/253	197/253	197/253
Electrical Conduit Trade Size	½" or ¾"	½" or ¾"	½" or ¾"	½" or ¾"	½" or ¾"	½" or ¾"	½" or ¾"	½" or ¾"
SHIP WEIGHT (LBS)	120	120	130	130	140	194	195	200

[1] Line sizes denoted for 25' line sets, tested and rated in accordance with AHRI Standard 210/240. For other line-set lengths or sizes, refer to the installation & Operating instructions and/or the long line-set guidelines.

[2] Wire size should be determined in accordance with National Electrical Codes; extensive wire runs will require larger wire sizes

[3] Must use time-delay fuses or HACR-type circuit breakers of the same size as noted.

[4] Installer will need to supply ¾" to ⅞" adapters for suction line connections.

[5] Installer will need to supply ⅞" to 1⅛" adapters for suction line connections.

NOTES

- Always check the S&R plate for electrical data on the unit being installed.
- Unit is charged with refrigerant for 15' of ⅜" liquid line. System charge must be adjusted per Installation Instructions Final Charge Procedure.

EXPANDED COOLING DATA — VSX130181D* / CA*F1824*6D*

			OUTDOOR AMBIENT TEMPERATURE																							
			65ºF				75ºF				85ºF				95ºF				105ºF				115ºF			
			ENTERING INDOOR WET BULB TEMPERATURE																							
IDB	Airflow		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
70	675	MBh	17.4	18.1	19.8	-	17.0	17.7	19.3	-	16.6	17.2	18.9	-	16.2	16.8	18.4	-	15.4	16.0	17.5	-	14.3	14.8	16.2	-
		S/T	0.74	0.61	0.43	-	0.76	0.64	0.44	-	0.78	0.65	0.45	-	0.81	0.67	0.47	-	0.84	0.70	0.48	-	0.84	0.70	0.49	-
		Δ T	17	15	11	-	18	15	12	-	18	15	12	-	18	15	12	-	18	15	12	-	16	14	11	-
		kW	1.26	1.29	1.33	-	1.35	1.38	1.42	-	1.43	1.46	1.51	-	1.51	1.54	1.59	-	1.57	1.60	1.65	-	1.62	1.66	1.71	-
		/anos	4.6	4.7	4.8	-	4.9	5.0	5.2	-	5.3	5.5	5.7	-	5.7	5.8	6.0	-	6.1	6.2	6.4	-	6.4	6.6	6.8	-
		Hi PR	227	244	258	-	255	274	290	-	290	312	329	-	330	355	375	-	371	400	422	-	410	442	466	-
		Lo PR	107	114	124	-	113	120	131	-	118	125	137	-	124	131	144	-	130	138	150	-	134	143	156	-
	600	MBh	16.9	17.6	19.2	-	16.5	17.1	18.8	-	16.1	16.7	18.3	-	15.8	16.3	17.9	-	15.0	15.5	17.0	-	13.9	14.4	15.7	-
		S/T	0.70	0.59	0.41	-	0.73	0.61	0.42	-	0.75	0.62	0.43	-	0.77	0.64	0.45	-	0.80	0.67	0.46	-	0.81	0.67	0.47	-
		Δ T	18	16	12	-	18	16	12	-	18	16	12	-	19	16	12	-	18	16	12	-	17	15	11	-
		kW	1.25	1.28	1.32	-	1.34	1.37	1.41	-	1.42	1.45	1.50	-	1.49	1.53	1.57	-	1.55	1.59	1.64	-	1.61	1.64	1.69	-
		/anos	4.5	4.6	4.8	-	4.9	5.0	5.2	-	5.3	5.4	5.6	-	5.7	5.8	6.0	-	6.0	6.2	6.4	-	6.4	6.5	6.8	-
		Hi PR	225	242	256	-	252	272	287	-	287	309	326	-	327	352	371	-	368	396	418	-	406	437	462	-
		Lo PR	106	113	123	-	112	119	130	-	116	124	135	-	122	130	142	-	128	136	149	-	133	141	154	-
	525	MBh	15.6	16.2	17.7	-	15.3	15.8	17.3	-	14.9	15.4	16.9	-	14.5	15.1	16.5	-	13.8	14.3	15.7	-	12.8	13.3	14.5	-
		S/T	0.68	0.56	0.39	-	0.70	0.59	0.41	-	0.72	0.60	0.42	-	0.74	0.62	0.43	-	0.77	0.64	0.45	-	0.78	0.65	0.45	-
		Δ T	19	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	17	15	11	-
		kW	1.22	1.25	1.28	-	1.31	1.34	1.38	-	1.39	1.42	1.46	-	1.46	1.49	1.54	-	1.52	1.55	1.60	-	1.57	1.60	1.65	-
		/anos	4.4	4.5	4.6	-	4.7	4.9	5.0	-	5.2	5.3	5.5	-	5.5	5.6	5.8	-	5.9	6.0	6.2	-	6.2	6.4	6.6	-
		Hi PR	218	235	248	-	245	263	278	-	278	300	316	-	317	341	360	-	357	384	405	-	394	424	448	-
		Lo PR	103	109	120	-	109	116	126	-	113	120	131	-	119	126	138	-	124	132	144	-	129	137	149	-
75	675	MBh	17.7	18.3	19.8	21.2	17.3	17.8	19.3	20.7	16.9	**17.4**	18.8	20.2	16.5	17.0	18.4	19.7	15.7	16.1	17.5	18.7	14.5	15.0	16.2	17.4
		S/T	0.84	0.75	0.57	0.36	0.87	0.77	0.59	0.38	0.89	**0.79**	0.60	0.39	0.92	0.82	0.62	0.40	0.95	0.85	0.64	0.41	0.96	0.86	0.65	0.42
		Δ T	20	19	15	11	20	19	15	11	20	**19**	15	11	21	19	16	11	20	19	15	11	19	17	14	10
		kW	1.27	1.30	1.34	1.38	1.36	1.39	1.43	1.48	1.45	**1.48**	1.52	1.57	1.52	1.55	1.60	1.65	1.58	1.61	1.67	1.72	1.63	1.67	1.72	1.78
		/anos	4.6	4.7	4.9	5.0	5.0	5.1	5.3	5.4	5.4	**5.5**	5.7	5.9	5.8	5.9	6.1	6.3	6.1	6.3	6.5	6.7	6.5	6.7	6.9	7.1
		Hi PR	229	247	261	272	257	277	293	305	293	**315**	333	347	333	359	379	395	375	404	426	445	415	446	471	491
		Lo PR	108	115	126	134	114	122	133	141	119	**126**	138	147	125	133	145	154	131	139	152	162	135	144	157	167
	600	MBh	17.2	17.7	19.2	20.6	16.8	17.3	18.7	20.1	16.4	**16.9**	18.3	19.6	16.0	16.5	17.9	19.2	15.2	15.7	17.0	18.2	14.1	14.5	15.7	16.9
		S/T	0.80	0.71	0.54	0.35	0.83	0.74	0.56	0.36	0.85	**0.76**	0.57	0.37	0.87	0.78	0.59	0.38	0.91	0.81	0.61	0.40	0.92	0.82	0.62	0.40
		Δ T	21	19	16	11	21	20	16	11	21	**20**	16	11	21	20	16	11	21	19	16	11	20	18	15	10
		kW	1.26	1.29	1.33	1.37	1.35	1.38	1.42	1.47	1.43	**1.46**	1.51	1.56	1.51	1.54	1.59	1.64	1.57	1.60	1.65	1.71	1.62	1.66	1.71	1.76
		/anos	4.6	4.7	4.8	5.0	4.9	5.0	5.2	5.4	5.3	**5.5**	5.7	5.9	5.7	5.8	6.0	6.3	6.1	6.2	6.4	6.7	6.4	6.6	6.8	7.1
		Hi PR	227	244	258	269	255	274	290	302	290	**312**	329	344	330	355	375	391	371	400	422	440	410	442	466	486
		Lo PR	107	114	124	133	113	120	131	140	118	**125**	137	146	124	131	144	153	130	138	150	160	134	143	156	166
	525	MBh	15.9	16.4	17.7	19.0	15.5	16.0	17.3	18.6	15.2	**15.6**	16.9	18.1	14.8	15.2	16.5	17.7	14.0	14.5	15.7	16.8	13.0	13.4	14.5	15.6
		S/T	0.77	0.69	0.52	0.33	0.80	0.71	0.54	0.35	0.82	**0.73**	0.55	0.36	0.84	0.75	0.57	0.37	0.88	0.78	0.59	0.38	0.88	0.79	0.60	0.38
		Δ T	21	20	16	11	22	20	16	11	22	**20**	16	11	22	20	16	11	22	20	16	11	20	19	15	10
		kW	1.23	1.26	1.29	1.33	1.32	1.35	1.39	1.43	1.40	**1.43**	1.47	1.52	1.47	1.50	1.55	1.60	1.53	1.56	1.61	1.66	1.58	1.61	1.67	1.72
		/anos	4.4	4.5	4.7	4.9	4.8	4.9	5.1	5.3	5.2	**5.3**	5.5	5.7	5.6	5.7	5.9	6.1	5.9	6.1	6.3	6.5	6.3	6.4	6.6	6.9
		Hi PR	220	237	250	261	247	266	281	293	281	**303**	320	333	320	345	364	380	360	388	409	427	398	428	452	472
		Lo PR	104	111	121	129	110	117	128	136	114	**121**	133	141	120	128	139	148	126	134	146	155	130	138	151	161

IDB: Entering Indoor Dry Bulb Temperature

Shaded area reflects ACCA (TVA) conditions

Amps = outdoor unit amps (comp.+fan)

High and low pressures are measured at the liquid and suction service valves.

kW = Total system power

Expanded Cooling Data — VSX130181D* / CA*F1824*6D* (cont.)

			Outdoor Ambient Temperature																							
			65ºF				75ºF				85ºF				95ºF				105ºF				115ºF			
			Entering Indoor Wet Bulb Temperature																							
IDB	Airflow		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
80	675	MBh	18.1	18.4	19.7	21.1	17.6	18.0	19.3	20.6	17.2	17.6	18.8	20.1	16.8	17.2	18.3	19.6	16.0	16.3	17.4	18.6	14.8	15.1	16.1	17.2
		S/T	0.92	0.86	0.70	0.52	0.95	0.89	0.73	0.54	1.00	0.91	0.74	0.56	1.00	0.94	0.77	0.57	1.00	1.00	0.80	0.60	1.00	1.00	0.80	0.60
		Δ T	23	22	19	15	23	22	19	15	23	22	19	15	23	22	19	15	22	22	19	15	20	21	18	14
		kW	1.28	1.31	1.35	1.39	1.37	1.40	1.45	1.49	1.46	1.49	1.53	1.58	1.53	1.56	1.61	1.67	1.59	1.63	1.68	1.73	1.65	1.68	1.74	1.79
		/anos	4.6	4.8	4.9	5.1	5.0	5.1	5.3	5.5	5.4	5.6	5.8	6.0	5.8	6.0	6.2	6.4	6.2	6.3	6.6	6.8	6.6	6.7	6.9	7.2
		Hi PR	232	249	263	275	260	280	296	308	296	318	336	351	337	363	383	399	379	408	431	449	419	451	476	496
		Lo PR	109	116	127	135	116	123	134	143	120	128	139	148	126	134	146	156	132	141	153	163	137	145	159	169
	600	MBh	17.5	17.9	19.1	20.5	17.1	17.5	18.7	20.0	16.7	17.1	18.2	19.5	16.3	16.7	**17.8**	19.0	15.5	15.8	16.9	18.1	14.3	14.7	15.7	16.7
		S/T	0.87	0.82	0.67	0.50	0.91	0.85	0.69	0.52	0.93	0.87	0.71	0.53	0.96	0.90	**0.73**	0.55	1.00	0.93	0.76	0.57	1.00	0.94	0.77	0.57
		Δ T	23	23	20	16	24	23	20	16	24	23	20	16	24	23	**20**	16	24	23	20	16	22	21	18	15
		kW	1.27	1.30	1.34	1.38	1.36	1.39	1.43	1.48	1.45	1.48	1.52	1.57	1.52	1.55	**1.60**	1.65	1.58	1.61	1.67	1.72	1.63	1.67	1.72	1.78
		/anos	4.6	4.7	4.9	5.0	5.0	5.1	5.3	5.4	5.4	5.5	5.7	5.9	5.8	5.9	**6.1**	6.3	6.1	6.3	6.5	6.7	6.5	6.7	6.9	7.1
		Hi PR	229	247	261	272	257	277	293	305	293	315	333	347	334	359	**379**	395	375	404	426	445	415	446	471	491
		Lo PR	108	115	126	134	114	122	133	141	119	126	138	147	125	133	**145**	154	131	139	152	162	135	144	157	167
	525	MBh	16.2	16.5	17.7	18.9	15.8	16.1	17.3	18.4	15.4	15.8	16.8	18.0	15.0	15.4	16.4	17.6	14.3	14.6	15.6	16.7	13.2	13.5	14.5	15.5
		S/T	0.84	0.79	0.64	0.48	0.87	0.82	0.67	0.50	0.90	0.84	0.68	0.51	0.92	0.87	0.71	0.53	0.96	0.90	0.73	0.55	0.97	0.91	0.74	0.55
		Δ T	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	22	22	19	15
		kW	1.24	1.27	1.30	1.34	1.33	1.36	1.40	1.44	1.41	1.44	1.49	1.53	1.48	1.51	1.56	1.61	1.54	1.58	1.63	1.68	1.59	1.63	1.68	1.73
		/anos	4.5	4.6	4.7	4.9	4.8	5.0	5.1	5.3	5.2	5.4	5.6	5.8	5.6	5.7	5.9	6.2	6.0	6.1	6.3	6.6	6.3	6.5	6.7	6.9
		Hi PR	223	240	253	264	250	269	284	296	284	306	323	337	324	348	368	383	364	392	414	431	402	433	457	477
		Lo PR	105	112	122	130	111	118	129	137	115	123	134	143	121	129	141	150	127	135	147	157	131	140	152	162
85	675	MBh	18.4	18.7	19.6	20.9	17.9	18.3	19.2	20.4	17.5	17.9	18.7	19.9	17.1	17.4	18.2	19.5	16.2	16.5	17.3	18.5	15.0	15.3	16.1	17.1
		S/T	0.96	0.93	0.84	0.68	1.00	0.96	0.87	0.70	1.00	0.99	0.89	0.72	1.00	1.00	0.92	0.74	1.00	1.00	0.95	0.77	1.00	1.00	0.96	0.78
		Δ T	24	24	22	19	24	24	23	20	24	24	23	20	23	24	23	20	22	23	22	19	20	21	21	18
		kW	1.29	1.32	1.36	1.40	1.39	1.41	1.46	1.50	1.47	1.50	1.55	1.60	1.54	1.58	1.63	1.68	1.61	1.64	1.69	1.75	1.66	1.70	1.75	1.81
		/anos	4.7	4.8	5.0	5.1	5.1	5.2	5.3	5.5	5.5	5.6	5.8	6.0	5.9	6.0	6.2	6.4	6.2	6.4	6.6	6.9	6.6	6.8	7.0	7.3
		Hi PR	234	252	266	277	263	283	298	311	299	321	339	354	340	366	387	403	383	412	435	454	423	455	481	501
		Lo PR	110	117	128	137	117	124	135	144	121	129	141	150	127	135	148	158	133	142	155	165	138	147	160	171
	600	MBh	17.8	18.2	19.0	20.3	17.4	17.8	18.6	19.8	17.0	17.3	18.2	19.4	16.6	16.9	17.7	18.9	15.8	16.1	16.8	18.0	14.6	14.9	15.6	16.6
		S/T	0.92	0.88	0.80	0.65	0.95	0.92	0.83	0.67	0.97	0.94	0.85	0.69	1.00	0.97	0.88	0.71	1.00	1.00	0.91	0.74	1.00	1.00	0.92	0.74
		Δ T	25	25	23	20	25	25	24	20	25	25	24	20	25	25	24	21	24	25	23	20	22	23	22	19
		kW	1.28	1.31	1.35	1.39	1.37	1.40	1.45	1.49	1.46	1.49	1.53	1.58	1.53	1.56	1.61	1.67	1.59	1.63	1.68	1.73	1.65	1.68	1.74	1.79
		/anos	4.6	4.8	4.9	5.1	5.0	5.1	5.3	5.5	5.4	5.6	5.8	6.0	5.8	6.0	6.2	6.4	6.2	6.3	6.6	6.8	6.6	6.7	6.9	7.2
		Hi PR	232	249	263	275	260	280	296	308	296	318	336	351	337	363	383	399	379	408	431	449	419	451	476	496
		Lo PR	109	116	127	135	116	123	134	143	120	128	139	148	126	134	146	156	132	141	153	163	137	145	159	169
	525	MBh	16.5	16.8	17.6	18.7	16.1	16.4	17.2	18.3	15.7	16.0	16.8	17.9	15.3	15.6	16.3	17.4	14.5	14.8	15.5	16.6	13.5	13.7	14.4	15.3
		S/T	0.88	0.85	0.77	0.62	0.92	0.88	0.80	0.65	0.94	0.91	0.82	0.66	0.97	0.94	0.84	0.68	1.00	0.97	0.88	0.71	1.00	0.98	0.88	0.72
		Δ T	25	25	24	20	26	25	24	21	26	25	24	21	26	26	24	21	25	25	24	21	24	24	22	19
		kW	1.25	1.28	1.31	1.35	1.34	1.37	1.41	1.46	1.42	1.45	1.50	1.55	1.49	1.53	1.57	1.62	1.55	1.59	1.64	1.69	1.61	1.64	1.69	1.75
		/anos	4.5	4.6	4.8	4.9	4.9	5.0	5.2	5.3	5.3	5.4	5.6	5.8	5.7	5.8	6.0	6.2	6.0	6.2	6.4	6.6	6.4	6.5	6.7	7.0
		Hi PR	225	242	255	266	252	271	287	299	287	309	326	340	327	352	371	387	368	396	418	436	406	437	462	481
		Lo PR	106	113	123	131	112	119	130	139	116	124	135	144	122	130	142	151	128	136	149	159	133	141	154	164

IDB: Entering Indoor Dry Bulb Temperature

Shaded area reflects AHRI conditions

Amps = outdoor unit amps (comp.+fan)

High and low pressures are measured at the liquid and suction service valves.

kW = Total system power

Expanded Cooling Data — VSX130181E* / CAPF1824B6DB

			Outdoor Ambient Temperature																							
			65ºF				75ºF				85ºF				95ºF				105ºF				115ºF			
			Entering Indoor Wet Bulb Temperature																							
IDB	Airflow		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
70	525	MBh	15.6	16.2	17.7	-	15.3	15.8	17.3	-	14.9	15.4	16.9	-	14.5	15.1	16.5	-	13.8	14.3	15.7	-	12.8	13.3	14.5	-
		S/T	0.70	0.59	0.41	-	0.73	0.61	0.42	-	0.75	0.62	0.43	-	0.77	0.64	0.45	-	0.80	0.67	0.46	-	0.81	0.67	0.47	-
		Δ T	19.3	16.7	12.7	-	19.5	16.9	12.8	-	19.5	16.9	12.8	-	19.6	17.0	12.9	-	19.4	16.8	12.7	-	18.1	15.7	11.9	-
		kW	1.02	1.04	1.08	-	1.11	1.13	1.17	-	1.18	1.21	1.25	-	1.25	1.28	1.32	-	1.30	1.33	1.38	-	1.35	1.38	1.43	-
		/anos	4.3	4.4	4.5	-	4.6	4.7	4.9	-	5.0	5.1	5.3	-	5.4	5.5	5.7	-	5.7	5.8	6.0	-	6.0	6.2	6.4	-
		Hi PR	203	219	231	-	228	245	259	-	259	279	294	-	295	318	335	-	332	357	377	-	367	395	417	-
		Lo PR	102	109	119	-	108	115	126	-	113	120	131	-	118	126	137	-	124	132	144	-	128	136	149	-
	600	MBh	16.4	17.0	18.7	-	16.0	16.6	18.2	-	15.7	16.2	17.8	-	15.3	15.8	17.4	-	14.5	15.0	16.5	-	13.4	13.9	15.3	-
		S/T	0.71	0.60	0.41	-	0.74	0.62	0.43	-	0.76	0.63	0.44	-	0.78	0.65	0.45	-	0.81	0.68	0.47	-	0.82	0.69	0.47	-
		Δ T	18.0	15.6	11.8	-	18.2	15.8	12.0	-	18.2	15.8	12.0	-	18.4	15.9	12.1	-	18.1	15.7	11.9	-	16.9	14.6	11.1	-
		kW	1.03	1.06	1.09	-	1.12	1.14	1.18	-	1.19	1.22	1.27	-	1.26	1.29	1.34	-	1.32	1.35	1.40	-	1.37	1.40	1.45	-
		/anos	4.3	4.4	4.6	-	4.7	4.8	4.9	-	5.1	5.2	5.4	-	5.4	5.6	5.7	-	5.8	5.9	6.1	-	6.1	6.3	6.5	-
		Hi PR	206	221	234	-	231	248	262	-	263	283	298	-	299	322	340	-	336	362	382	-	372	400	422	-
		Lo PR	104	110	121	-	110	117	127	-	114	121	132	-	120	127	139	-	126	134	146	-	130	138	151	-
	650	MBh	16.9	17.6	19.2	-	16.5	17.1	18.8	-	16.1	16.7	18.3	-	15.8	16.3	17.9	-	15.0	15.5	17.0	-	13.9	14.4	15.7	-
		S/T	0.73	0.61	0.42	-	0.76	0.63	0.44	-	0.78	0.65	0.45	-	0.80	0.67	0.46	-	0.83	0.69	0.48	-	0.84	0.70	0.48	-
		Δ T	17.5	15.1	11.5	-	17.7	15.3	11.6	-	17.7	15.3	11.6	-	17.8	15.4	11.7	-	17.6	15.2	11.6	-	16.4	14.2	10.8	-
		kW	1.05	1.07	1.11	-	1.14	1.16	1.20	-	1.21	1.24	1.29	-	1.28	1.31	1.36	-	1.34	1.37	1.42	-	1.39	1.42	1.47	-
		/anos	4.4	4.5	4.6	-	4.7	4.9	5.0	-	5.2	5.3	5.5	-	5.5	5.6	5.8	-	5.9	6.0	6.2	-	6.2	6.4	6.6	-
		Hi PR	209	225	238	-	235	253	267	-	267	287	304	-	304	327	346	-	342	368	389	-	378	407	430	-
		Lo PR	106	112	123	-	112	119	130	-	116	123	135	-	122	130	142	-	128	136	148	-	132	141	153	-
75	525	MBh	15.9	16.4	17.7	19.0	15.5	16.0	17.3	18.6	15.2	15.6	16.9	18.1	14.8	**15.2**	16.5	17.7	14.0	14.5	15.7	16.8	13.0	13.4	14.5	15.6
		S/T	0.80	0.72	0.54	0.35	0.83	0.74	0.56	0.36	0.85	0.76	0.58	0.37	0.88	**0.78**	0.59	0.38	0.91	0.81	0.62	0.40	0.92	0.82	0.62	0.40
		Δ T	22.3	20.5	16.8	11.6	22.5	20.7	17.0	11.7	22.6	20.8	17.0	11.7	22.7	**20.9**	17.1	11.8	22.4	20.6	16.9	11.7	20.9	19.3	15.8	10.9
		kW	1.03	1.05	1.09	1.13	1.12	1.14	1.18	1.22	1.19	1.22	1.26	1.31	1.26	**1.29**	1.33	1.38	1.32	1.35	1.39	1.44	1.36	1.40	1.45	1.50
		/anos	4.3	4.4	4.6	4.7	4.7	4.8	4.9	5.1	5.1	5.2	5.4	5.6	5.4	**5.5**	5.7	5.9	5.8	5.9	6.1	6.3	6.1	6.3	6.5	6.7
		Hi PR	205	221	233	243	230	248	262	273	262	282	297	310	298	**321**	339	353	335	361	381	398	371	399	421	439
		Lo PR	104	110	120	128	109	116	127	135	114	121	132	141	119	**127**	139	148	125	133	145	155	129	138	150	160
	600	MBh	16.7	17.2	18.6	20.0	16.3	16.8	18.2	19.5	15.9	16.4	17.8	19.1	15.5	**16.0**	17.3	18.6	14.8	15.2	16.5	17.7	13.7	14.1	15.2	16.4
		S/T	0.81	0.73	0.55	0.35	0.84	0.75	0.57	0.37	0.86	0.77	0.58	0.38	0.89	**0.80**	0.60	0.39	0.92	0.83	0.63	0.40	0.93	0.83	0.63	0.41
		Δ T	20.8	19.1	15.7	10.8	21.0	19.4	15.9	11.0	21.1	19.4	15.9	11.0	21.2	**19.5**	16.0	11.1	20.9	19.3	15.8	10.9	19.5	18.0	14.7	10.2
		kW	1.04	1.07	1.10	1.14	1.13	1.16	1.20	1.24	1.21	1.23	1.28	1.32	1.27	**1.30**	1.35	1.40	1.33	1.36	1.41	1.46	1.38	1.41	1.46	1.52
		/anos	4.4	4.5	4.6	4.8	4.7	4.8	5.0	5.2	5.1	5.2	5.4	5.6	5.5	**5.6**	5.8	6.0	5.8	6.0	6.2	6.4	6.2	6.3	6.5	6.8
		Hi PR	208	224	236	246	233	251	265	276	265	285	301	314	302	**325**	343	358	340	366	386	403	376	404	427	445
		Lo PR	105	112	122	130	111	118	129	137	115	123	134	142	121	**129**	141	150	127	135	147	157	131	140	152	162
	650	MBh	17.2	17.7	19.2	20.6	16.8	17.3	18.7	20.1	16.4	16.9	18.3	19.6	16.0	**16.5**	17.9	19.2	15.2	15.7	17.0	18.2	14.1	14.5	15.7	16.9
		S/T	0.83	0.74	0.56	0.36	0.86	0.77	0.58	0.37	0.88	0.79	0.60	0.38	0.91	**0.81**	0.62	0.40	0.94	0.84	0.64	0.41	0.95	0.85	0.64	0.41
		Δ T	20.2	18.6	15.2	10.5	20.4	18.8	15.4	10.7	20.5	18.8	15.4	10.7	20.6	**19.0**	15.5	10.7	20.3	18.7	15.3	10.6	19.0	17.5	14.3	9.9
		kW	1.06	1.08	1.12	1.16	1.15	1.17	1.21	1.26	1.22	1.25	1.30	1.34	1.29	**1.32**	1.37	1.42	1.35	1.38	1.43	1.48	1.40	1.44	1.49	1.54
		/anos	4.4	4.5	4.7	4.9	4.8	4.9	5.1	5.3	5.2	5.3	5.5	5.7	5.6	**5.7**	5.9	6.1	5.9	6.1	6.3	6.5	6.3	6.4	6.6	6.9
		Hi PR	211	228	240	251	237	255	270	281	270	290	307	320	307	**331**	349	364	346	372	393	410	382	411	434	453
		Lo PR	107	114	124	132	113	120	131	139	117	125	136	145	123	**131**	143	152	129	137	150	160	133	142	155	165

IDB: Entering Indoor Dry Bulb Temperature

Shaded area reflects ACCA (TVA) conditions

Amps = outdoor unit amps (comp.+fan)

High and low pressures are measured at the liquid and suction service valves.

kW = Total system power

			OUTDOOR AMBIENT TEMPERATURE																							
			65ºF				75ºF				85ºF				95ºF				105ºF				115ºF			
			ENTERING INDOOR WET BULB TEMPERATURE																							
IDB	Airflow		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
80	525	MBh	16.2	16.5	17.7	18.9	15.8	16.1	17.3	18.4	15.4	15.8	16.8	18.0	15.0	15.4	16.4	17.6	14.3	14.6	15.6	16.7	13.2	13.5	14.5	15.5
		S/T	0.88	0.82	0.67	0.50	0.91	0.85	0.69	0.52	0.93	0.87	0.71	0.53	0.96	0.90	0.73	0.55	1.00	0.94	0.76	0.57	1.01	0.94	0.77	0.57
		Δ T	24.8	23.8	20.7	16.5	25.2	24.1	21.0	16.7	25.2	24.1	21.0	16.8	25.4	24.3	21.1	16.9	25.0	24.0	20.8	16.6	23.4	22.4	19.5	15.5
		kW	1.04	1.06	1.10	1.14	1.13	1.15	1.19	1.23	1.20	1.23	1.27	1.32	1.27	1.30	1.35	1.39	1.33	1.36	1.41	1.46	1.38	1.41	1.46	1.51
		/anos	4.3	4.4	4.6	4.8	4.7	4.8	5.0	5.2	5.1	5.2	5.4	5.6	5.5	5.6	5.8	6.0	5.8	6.0	6.2	6.4	6.2	6.3	6.5	6.8
		Hi PR	207	223	235	246	232	250	264	276	264	285	300	313	301	324	342	357	339	365	385	402	374	403	425	444
		Lo PR	105	111	121	129	110	118	128	137	115	122	133	142	121	128	140	149	126	134	147	156	131	139	152	162
	600	MBh	17.0	17.4	18.6	19.8	16.6	17.0	18.1	19.4	16.2	16.6	17.7	18.9	15.8	16.2	**17.3**	18.5	15.0	15.4	16.4	17.5	13.9	14.2	15.2	16.2
		S/T	0.89	0.84	0.68	0.51	0.92	0.87	0.70	0.53	0.95	0.89	0.72	0.54	0.98	0.92	**0.75**	0.56	1.00	0.95	0.77	0.58	1.00	0.96	0.78	0.58
		Δ T	23.2	22.2	19.3	15.5	23.5	22.5	19.6	15.6	23.5	22.5	19.6	15.7	23.7	22.7	**19.7**	15.8	23.0	22.4	19.5	15.5	21.3	20.9	18.2	14.5
		kW	1.05	1.08	1.11	1.15	1.14	1.17	1.21	1.25	1.22	1.25	1.29	1.33	1.28	1.32	**1.36**	1.41	1.34	1.38	1.42	1.48	1.39	1.43	1.48	1.53
		/anos	4.4	4.5	4.7	4.8	4.8	4.9	5.0	5.2	5.2	5.3	5.5	5.7	5.5	5.7	**5.9**	6.1	5.9	6.0	6.2	6.5	6.2	6.4	6.6	6.9
		Hi PR	210	226	239	249	236	254	268	279	268	288	304	318	305	328	**347**	362	343	369	390	407	379	408	431	450
		Lo PR	106	113	123	131	112	119	130	138	116	124	135	144	122	130	**142**	151	128	136	149	158	132	141	154	164
	650	MBh	17.5	17.9	19.1	20.5	17.1	17.5	18.7	20.0	16.7	17.1	18.2	19.5	16.3	16.7	17.8	19.0	15.5	15.8	16.9	18.1	14.3	14.7	15.7	16.7
		S/T	0.91	0.85	0.69	0.52	0.94	0.88	0.72	0.54	0.97	0.91	0.74	0.55	1.00	0.94	0.76	0.57	1.00	1.00	0.79	0.59	1.00	1.00	0.80	0.60
		Δ T	22.5	21.6	18.8	15.0	22.8	21.9	19.0	15.2	22.8	21.9	19.0	15.2	23.1	22.0	19.2	15.3	21.9	22.4	18.9	15.1	20.3	20.7	17.7	14.1
		kW	1.07	1.09	1.13	1.17	1.16	1.18	1.22	1.27	1.24	1.26	1.31	1.36	1.30	1.34	1.38	1.43	1.36	1.40	1.45	1.50	1.42	1.45	1.50	1.55
		/anos	4.5	4.6	4.7	4.9	4.8	4.9	5.1	5.3	5.2	5.4	5.6	5.8	5.6	5.8	5.9	6.2	6.0	6.1	6.3	6.6	6.3	6.5	6.7	7.0
		Hi PR	214	230	243	253	240	258	272	284	273	293	310	323	310	334	353	368	349	376	397	414	386	415	439	457
		Lo PR	108	115	125	133	114	121	132	141	118	126	137	146	124	132	144	154	130	139	151	161	135	143	157	167
85	525	MBh	16.5	16.8	17.6	18.7	16.1	16.4	17.2	18.3	15.7	16.0	16.8	17.9	15.3	15.6	16.3	17.4	14.5	14.8	15.5	16.6	13.5	13.7	14.4	15.3
		S/T	0.92	0.89	0.80	0.65	0.95	0.92	0.83	0.67	0.98	0.94	0.85	0.69	1.00	0.97	0.88	0.71	1.00	1.00	0.91	0.74	1.00	1.00	0.92	0.75
		Δ T	26.5	26.1	24.6	21.3	26.8	26.4	24.9	21.6	26.9	26.4	25.0	21.6	26.8	26.6	25.1	21.8	25.5	26.0	24.8	21.5	23.6	24.1	23.2	20.0
		kW	1.05	1.07	1.11	1.15	1.14	1.16	1.20	1.24	1.21	1.24	1.28	1.33	1.28	1.31	1.36	1.41	1.34	1.37	1.42	1.47	1.39	1.42	1.47	1.53
		/anos	4.4	4.5	4.6	4.8	4.7	4.9	5.0	5.2	5.2	5.3	5.5	5.7	5.5	5.6	5.8	6.1	5.9	6.0	6.2	6.4	6.2	6.4	6.6	6.8
		Hi PR	209	225	238	248	235	253	267	278	267	287	303	317	304	327	346	361	342	368	389	406	378	407	430	448
		Lo PR	106	112	123	131	112	119	130	138	116	123	135	143	122	130	141	151	128	136	148	158	132	140	153	163
	600	MBh	17.3	17.6	18.5	19.7	16.9	17.2	18.0	19.2	16.5	16.8	17.6	18.8	16.1	16.4	17.2	18.3	15.3	15.6	16.3	17.4	14.2	14.4	15.1	16.1
		S/T	0.93	0.90	0.81	0.66	0.97	0.93	0.84	0.68	0.99	0.96	0.86	0.70	1.00	0.99	0.89	0.72	1.00	1.00	0.93	0.75	1.00	1.00	0.93	0.76
		Δ T	24.8	24.3	23.0	19.9	25.1	24.6	23.3	20.2	25.1	24.7	23.3	20.2	24.7	24.8	23.5	20.3	23.4	23.9	23.2	20.0	21.7	22.1	21.6	18.7
		kW	1.06	1.08	1.12	1.16	1.15	1.18	1.22	1.26	1.23	1.26	1.30	1.35	1.30	1.33	1.37	1.42	1.36	1.39	1.44	1.49	1.41	1.44	1.49	1.54
		/anos	4.4	4.5	4.7	4.9	4.8	4.9	5.1	5.3	5.2	5.3	5.5	5.7	5.6	5.7	5.9	6.1	5.9	6.1	6.3	6.5	6.3	6.4	6.7	6.9
		Hi PR	212	228	241	251	238	256	270	282	271	291	308	321	308	332	350	365	347	373	394	411	383	412	435	454
		Lo PR	107	114	124	132	113	120	131	140	118	125	136	145	123	131	143	153	129	138	150	160	134	142	155	166
	650	MBh	17.8	18.2	19.0	20.3	17.4	17.8	18.6	19.8	17.0	17.3	18.2	19.4	16.6	16.9	17.7	18.9	15.8	16.1	16.8	18.0	14.6	14.9	15.6	16.6
		S/T	0.95	0.92	0.83	0.67	0.99	0.95	0.86	0.70	1.00	0.98	0.88	0.72	1.00	1.00	0.91	0.74	1.00	1.00	0.95	0.77	1.00	1.00	0.95	0.77
		Δ T	24.1	23.7	22.4	19.4	24.3	23.9	22.6	19.6	24.1	24.0	22.7	19.6	23.5	23.9	22.8	19.7	22.3	22.7	22.5	19.5	20.6	21.0	21.0	18.2
		kW	1.08	1.10	1.14	1.18	1.17	1.19	1.23	1.28	1.25	1.28	1.32	1.37	1.32	1.35	1.40	1.45	1.38	1.41	1.46	1.51	1.43	1.46	1.51	1.57
		/anos	4.5	4.6	4.8	4.9	4.9	5.0	5.2	5.4	5.3	5.4	5.6	5.8	5.7	5.8	6.0	6.2	6.0	6.2	6.4	6.6	6.4	6.6	6.8	7.0
		Hi PR	216	232	245	256	242	261	275	287	275	296	313	326	314	337	356	372	353	380	401	418	390	419	443	462
		Lo PR	109	116	126	135	115	122	134	142	120	127	139	148	126	134	146	155	132	140	153	163	136	145	158	168

IDB: Entering Indoor Dry Bulb Temperature

Shaded area reflects AHRI conditions

Amps = outdoor unit amps (comp.+fan)

High and low pressures are measured at the liquid and suction service valves.

kW = Total system power

Expanded Cooling Data — VSX130241D* / CA*T1824*6D*

			Outdoor Ambient Temperature																							
			65ºF				75ºF				85ºF				95ºF				105ºF				115ºF			
			Entering Indoor Wet Bulb Temperature																							
IDB	Airflow		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
70	900	MBh	22.5	23.4	25.6	-	22.0	22.8	25.0	-	21.5	22.3	24.4	-	21.0	21.7	23.8	-	19.9	20.6	22.6	-	18.4	19.1	21.0	-
		S/T	0.73	0.61	0.42	-	0.76	0.63	0.44	-	0.78	0.65	0.45	-	0.80	0.67	0.46	-	0.83	0.69	0.48	-	0.84	0.70	0.49	-
		Δ T	17	15	11	-	17	15	11	-	17	15	11	-	17	15	11	-	17	15	11	-	16	14	10	-
		kW	1.63	1.66	1.71	-	1.75	1.78	1.83	-	1.85	1.89	1.95	-	1.94	1.98	2.04	-	2.02	2.06	2.13	-	2.09	2.13	2.20	-
		/anos	5.8	6.0	6.2	-	6.3	6.4	6.7	-	6.8	7.0	7.2	-	7.3	7.5	7.7	-	7.8	8.0	8.2	-	8.2	8.4	8.7	-
		Hi PR	228	246	259	-	256	276	291	-	291	314	331	-	332	357	377	-	373	402	424	-	413	444	469	-
		Lo PR	105	112	122	-	111	118	129	-	115	123	134	-	121	129	141	-	127	135	147	-	131	140	152	-
	800	MBh	21.9	22.7	24.8	-	21.4	22.2	24.3	-	20.9	21.6	23.7	-	20.4	21.1	23.1	-	19.3	20.0	22.0	-	17.9	18.6	20.3	-
		S/T	0.70	0.58	0.40	-	0.72	0.60	0.42	-	0.74	0.62	0.43	-	0.76	0.64	0.44	-	0.79	0.66	0.46	-	0.80	0.67	0.46	-
		Δ T	18	15	12	-	18	15	12	-	18	15	12	-	18	15	12	-	18	15	12	-	16	14	11	-
		kW	1.62	1.65	1.70	-	1.73	1.77	1.82	-	1.84	1.87	1.93	-	1.93	1.97	2.03	-	2.00	2.05	2.11	-	2.07	2.11	2.18	-
		/anos	5.8	5.9	6.1	-	6.2	6.4	6.6	-	6.8	6.9	7.2	-	7.2	7.4	7.7	-	7.7	7.9	8.1	-	8.2	8.4	8.6	-
		Hi PR	226	243	257	-	254	273	288	-	288	310	328	-	329	354	373	-	370	398	420	-	408	440	464	-
		Lo PR	104	111	121	-	110	117	127	-	114	121	132	-	120	127	139	-	126	134	146	-	130	138	151	-
	700	MBh	20.2	20.9	22.9	-	19.7	20.4	22.4	-	19.3	20.0	21.9	-	18.8	19.5	21.3	-	17.8	18.5	20.3	-	16.5	17.1	18.8	-
		S/T	0.67	0.56	0.39	-	0.70	0.58	0.40	-	0.71	0.60	0.41	-	0.74	0.62	0.43	-	0.76	0.64	0.44	-	0.77	0.64	0.45	-
		Δ T	18	15	12	-	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	17	14	11	-
		kW	1.58	1.61	1.66	-	1.69	1.73	1.78	-	1.79	1.83	1.89	-	1.88	1.92	1.98	-	1.96	2.00	2.06	-	2.02	2.06	2.13	-
		/anos	5.6	5.7	5.9	-	6.1	6.2	6.4	-	6.6	6.7	7.0	-	7.0	7.2	7.4	-	7.5	7.7	7.9	-	7.9	8.1	8.4	-
		Hi PR	219	236	249	-	246	265	280	-	280	301	318	-	319	343	362	-	359	386	407	-	396	426	450	-
		Lo PR	101	107	117	-	106	113	124	-	111	118	129	-	116	124	135	-	122	130	141	-	126	134	146	-
75	900	MBh	22.9	23.6	25.5	27.4	22.4	23.0	24.9	26.8	21.9	**22.5**	24.4	26.1	21.3	22.0	23.8	25.5	20.3	20.9	22.6	24.2	18.8	19.3	20.9	22.4
		S/T	0.83	0.74	0.56	0.36	0.86	0.77	0.58	0.37	0.88	**0.79**	0.60	0.38	0.91	0.81	0.62	0.40	0.95	0.85	0.64	0.41	0.95	0.85	0.65	0.42
		Δ T	19	18	15	10	20	18	15	10	20	**18**	15	10	20	18	15	10	20	18	15	10	18	17	14	10
		kW	1.64	1.67	1.72	1.77	1.76	1.79	1.85	1.91	1.86	**1.90**	1.96	2.02	1.96	2.00	2.06	2.13	2.04	2.08	2.15	2.21	2.10	2.15	2.22	2.29
		/anos	5.9	6.0	6.2	6.4	6.3	6.5	6.7	7.0	6.9	**7.1**	7.3	7.6	7.4	7.5	7.8	8.1	7.8	8.0	8.3	8.6	8.3	8.5	8.8	9.1
		Hi PR	231	248	262	273	259	279	294	307	294	**317**	334	349	335	361	381	397	377	406	429	447	417	448	474	494
		Lo PR	106	113	123	131	112	119	130	139	116	**124**	135	144	122	130	142	151	128	136	149	158	133	141	154	164
	800	MBh	22.3	22.9	24.8	26.6	21.7	22.4	24.2	26.0	21.2	**21.8**	23.6	25.4	20.7	21.3	23.1	24.8	19.7	20.2	21.9	23.5	18.2	18.8	20.3	21.8
		S/T	0.79	0.71	0.54	0.34	0.82	0.73	0.56	0.36	0.84	**0.75**	0.57	0.37	0.87	0.78	0.59	0.38	0.90	0.81	0.61	0.39	0.91	0.81	0.62	0.40
		Δ T	20	19	15	11	20	19	15	11	21	**19**	15	11	21	19	16	11	20	19	15	11	19	18	14	10
		kW	1.63	1.66	1.71	1.76	1.75	1.78	1.84	1.89	1.85	**1.89**	1.95	2.01	1.94	1.98	2.04	2.11	2.02	2.06	2.13	2.20	2.09	2.13	2.20	2.27
		/anos	5.8	6.0	6.2	6.4	6.3	6.4	6.7	6.9	6.8	**7.0**	7.2	7.5	7.3	7.5	7.7	8.0	7.8	8.0	8.2	8.5	8.2	8.4	8.7	9.1
		Hi PR	228	246	260	271	256	276	291	304	291	**314**	331	345	332	357	377	393	373	402	424	443	413	444	469	489
		Lo PR	105	112	122	130	111	118	129	137	115	**123**	134	143	121	129	141	150	127	135	147	157	131	140	152	162
	700	MBh	20.5	21.1	22.9	24.6	20.1	20.7	22.4	24.0	19.6	**20.2**	21.8	23.4	19.1	19.7	21.3	22.9	18.2	18.7	20.2	21.7	16.8	17.3	18.7	20.1
		S/T	0.76	0.68	0.52	0.33	0.79	0.71	0.54	0.34	0.81	**0.73**	0.55	0.35	0.84	0.75	0.57	0.36	0.87	0.78	0.59	0.38	0.88	0.78	0.59	0.38
		Δ T	21	19	16	11	21	19	16	11	21	**19**	16	11	21	19	16	11	21	19	16	11	19	18	15	10
		kW	1.59	1.62	1.67	1.72	1.71	1.74	1.79	1.85	1.81	**1.84**	1.90	1.96	1.90	1.94	2.00	2.06	1.97	2.01	2.08	2.14	2.04	2.08	2.15	2.22
		/anos	5.7	5.8	6.0	6.2	6.1	6.3	6.5	6.7	6.6	**6.8**	7.0	7.3	7.1	7.3	7.5	7.8	7.6	7.7	8.0	8.3	8.0	8.2	8.5	8.8
		Hi PR	222	238	252	263	249	267	282	295	283	**304**	321	335	322	346	366	382	362	390	412	429	400	431	455	474
		Lo PR	102	108	118	126	108	114	125	133	112	**119**	130	138	117	125	136	145	123	131	143	152	127	135	148	157

IDB: Entering Indoor Dry Bulb Temperature

Shaded area reflects ACCA (TVA) conditions

Amps = outdoor unit amps (comp.+fan)

High and low pressures are measured at the liquid and suction service valves.

kW = Total system power

Expanded Cooling Data — VSX130241D* / CA*T1824*6D* (cont.)

			Outdoor Ambient Temperature																							
			65ºF				75ºF				85ºF				95ºF				105ºF				115ºF			
			Entering Indoor Wet Bulb Temperature																							
IDB	Airflow		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
80	900	MBh	23.3	23.8	25.5	27.2	22.8	23.3	24.9	26.6	22.2	22.7	24.3	26.0	21.7	22.2	23.7	25.3	20.6	21.1	22.5	24.1	19.1	19.5	20.8	22.3
		S/T	0.91	0.85	0.69	0.52	0.94	0.88	0.72	0.54	0.97	0.91	0.74	0.55	1.00	0.94	0.76	0.57	1.00	1.00	0.79	0.59	1.00	1.00	0.80	0.60
		Δ T	22	21	18	14	22	21	18	15	22	21	18	15	22	21	18	15	21	22	18	15	20	20	17	14
		kW	1.65	1.69	1.74	1.79	1.77	1.81	1.86	1.92	1.88	1.92	1.98	2.04	1.97	2.01	2.08	2.14	2.05	2.10	2.16	2.23	2.12	2.17	2.24	2.31
		/anos	5.9	6.1	6.3	6.5	6.4	6.6	6.8	7.0	7.0	7.1	7.4	7.6	7.4	7.6	7.9	8.2	7.9	8.1	8.4	8.7	8.4	8.6	8.9	9.2
		Hi PR	233	251	265	276	261	281	297	310	297	320	338	352	339	364	385	401	381	410	433	452	421	453	478	499
		Lo PR	107	114	124	132	113	120	131	140	118	125	137	145	123	131	143	153	129	138	150	160	134	142	155	166
	800	MBh	22.6	23.1	24.7	26.4	22.1	22.6	24.2	25.8	21.6	22.1	23.6	25.2	21.1	21.5	**23.0**	24.6	20.0	20.5	21.9	23.4	18.5	18.9	20.2	21.6
		S/T	0.87	0.81	0.66	0.50	0.90	0.84	0.69	0.51	0.92	0.87	0.70	0.53	0.95	0.89	**0.73**	0.54	0.99	0.93	0.75	0.56	1.00	0.93	0.76	0.57
		Δ T	23	22	19	15	23	22	19	15	23	22	19	15	23	22	**19**	15	23	22	19	15	21	20	18	14
		kW	1.64	1.67	1.72	1.78	1.76	1.79	1.85	1.91	1.86	1.90	1.96	2.02	1.96	2.00	**2.06**	2.13	2.04	2.08	2.15	2.21	2.10	2.15	2.22	2.29
		/anos	5.9	6.0	6.2	6.4	6.3	6.5	6.7	7.0	6.9	7.1	7.3	7.6	7.4	7.5	**7.8**	8.1	7.8	8.0	8.3	8.6	8.3	8.5	8.8	9.1
		Hi PR	231	248	262	273	259	279	294	307	294	317	335	349	335	361	**381**	397	377	406	429	447	417	448	474	494
		Lo PR	106	113	123	131	112	119	130	139	116	124	135	144	122	130	**142**	151	128	136	149	158	133	141	154	164
	700	MBh	20.9	21.4	22.8	24.4	20.4	20.9	22.3	23.8	19.9	20.4	21.8	23.3	19.4	19.9	21.2	22.7	18.5	18.9	20.2	21.6	17.1	17.5	18.7	20.0
		S/T	0.84	0.79	0.64	0.48	0.87	0.81	0.66	0.50	0.89	0.83	0.68	0.51	0.92	0.86	0.70	0.52	0.95	0.89	0.73	0.54	0.96	0.90	0.73	0.55
		Δ T	23	22	19	15	23	22	19	15	23	22	19	16	23	22	20	16	23	22	19	15	22	21	18	14
		kW	1.60	1.63	1.68	1.73	1.72	1.75	1.81	1.86	1.82	1.86	1.92	1.98	1.91	1.95	2.01	2.08	1.99	2.03	2.09	2.16	2.05	2.10	2.16	2.23
		/anos	5.7	5.9	6.0	6.3	6.2	6.3	6.5	6.8	6.7	6.9	7.1	7.4	7.2	7.3	7.6	7.9	7.6	7.8	8.1	8.4	8.1	8.3	8.6	8.9
		Hi PR	224	241	254	265	251	270	285	298	286	307	324	338	325	350	370	385	366	394	416	434	404	435	459	479
		Lo PR	103	109	119	127	109	116	126	134	113	120	131	140	119	126	138	147	124	132	144	154	129	137	149	159
85	900	MBh	23.7	24.2	25.3	27.0	23.2	23.6	24.8	26.4	22.6	23.1	24.2	25.8	22.1	22.5	23.6	25.1	21.0	21.4	22.4	23.9	19.4	19.8	20.7	22.1
		S/T	0.95	0.92	0.83	0.67	0.99	0.95	0.86	0.70	1.00	0.98	0.88	0.72	1.00	1.00	0.91	0.74	1.00	1.00	0.95	0.77	1.00	1.00	0.95	0.77
		Δ T	23	23	22	19	23	23	22	19	23	23	22	19	23	23	22	19	21	22	22	19	20	20	20	17
		kW	1.66	1.70	1.75	1.80	1.79	1.82	1.88	1.94	1.89	1.93	1.99	2.06	1.99	2.03	2.09	2.16	2.07	2.11	2.18	2.25	2.14	2.18	2.25	2.33
		/anos	6.0	6.1	6.3	6.6	6.5	6.6	6.8	7.1	7.0	7.2	7.4	7.7	7.5	7.7	7.9	8.2	8.0	8.2	8.5	8.8	8.5	8.7	9.0	9.3
		Hi PR	235	253	267	279	264	284	300	313	300	323	341	356	342	368	389	405	385	414	437	456	425	457	483	504
		Lo PR	108	115	126	134	114	122	133	141	119	126	138	147	125	133	145	154	131	139	152	162	135	144	157	167
	800	MBh	23.0	23.5	24.6	26.2	22.5	22.9	24.0	25.6	22.0	22.4	23.5	25.0	21.4	21.9	22.9	24.4	20.4	20.8	21.7	23.2	18.9	19.2	20.1	21.5
		S/T	0.91	0.88	0.79	0.64	0.94	0.91	0.82	0.67	0.97	0.93	0.84	0.68	1.00	0.96	0.87	0.71	1.00	1.00	0.90	0.73	1.00	1.00	0.91	0.74
		Δ T	24	24	22	19	24	24	23	20	24	24	23	20	25	24	23	20	23	24	23	20	22	22	21	18
		kW	1.65	1.69	1.74	1.79	1.77	1.81	1.86	1.92	1.88	1.92	1.98	2.04	1.97	2.01	2.08	2.14	2.05	2.10	2.16	2.23	2.12	2.17	2.24	2.31
		/anos	5.9	6.1	6.3	6.5	6.4	6.6	6.8	7.0	7.0	7.1	7.4	7.6	7.4	7.6	7.9	8.2	7.9	8.1	8.4	8.7	8.4	8.6	8.9	9.2
		Hi PR	233	251	265	276	261	281	297	310	297	320	338	352	339	364	385	401	381	410	433	452	421	453	478	499
		Lo PR	107	114	124	132	113	120	131	140	118	125	137	145	123	131	143	153	129	138	150	160	134	142	155	166
	700	MBh	21.3	21.7	22.7	24.2	20.8	21.2	22.2	23.7	20.3	20.7	21.7	23.1	19.8	20.2	21.1	22.5	18.8	19.2	20.1	21.4	17.4	17.7	18.6	19.8
		S/T	0.88	0.85	0.76	0.62	0.91	0.88	0.79	0.64	0.93	0.90	0.81	0.66	0.96	0.93	0.84	0.68	1.00	0.96	0.87	0.71	1.00	0.97	0.88	0.71
		Δ T	25	24	23	20	25	24	23	20	25	24	23	20	25	25	23	20	25	24	23	20	23	23	21	19
		kW	1.61	1.65	1.70	1.75	1.73	1.77	1.82	1.88	1.83	1.87	1.93	1.99	1.93	1.97	2.03	2.09	2.00	2.05	2.11	2.18	2.07	2.11	2.18	2.25
		/anos	5.8	5.9	6.1	6.3	6.2	6.4	6.6	6.8	6.8	6.9	7.2	7.4	7.2	7.4	7.7	7.9	7.7	7.9	8.1	8.5	8.2	8.4	8.6	9.0
		Hi PR	226	243	257	268	254	273	288	301	288	310	328	342	328	353	373	389	370	398	420	438	408	439	464	484
		Lo PR	104	110	121	128	110	117	127	136	114	121	132	141	120	127	139	148	126	134	146	155	130	138	151	161

IDB: Entering Indoor Dry Bulb Temperature

Shaded area reflects AHRI conditions

Amps = outdoor unit amps (comp.+fan)

High and low pressures are measured at the liquid and suction service valves.

kW = Total system power

EXPANDED COOLING DATA — VSX130301D* / CA*T3030*6D*

			OUTDOOR AMBIENT TEMPERATURE																							
			65ºF				75ºF				85ºF				95ºF				105ºF				115ºF			
			ENTERING INDOOR WET BULB TEMPERATURE																							
IDB	Airflow		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
70	945	MBh	26.2	27.2	29.8	-	25.6	26.6	29.1	-	25.0	25.9	28.4	-	24.4	25.3	27.7	-	23.2	24.0	26.3	-	21.5	22.3	24.4	-
		S/T	0.71	0.59	0.41	-	0.74	0.62	0.43	-	0.76	0.63	0.44	-	0.78	0.65	0.45	-	0.81	0.68	0.47	-	0.82	0.68	0.47	-
		Δ T	18	16	12	-	18	16	12	-	18	16	12	-	19	16	12	-	18	16	12	-	17	15	11	-
		kW	2.01	2.05	2.11	-	2.15	2.20	2.26	-	2.28	2.33	2.40	-	2.39	2.44	2.51	-	2.48	2.54	2.62	-	2.57	2.62	2.70	-
		Amps	6.9	7.1	7.3	-	7.5	7.7	8.0	-	8.2	8.4	8.7	-	8.7	9.0	9.3	-	9.3	9.5	9.9	-	9.9	10.1	10.5	-
		Hi PR	244	262	277	-	274	294	311	-	311	335	354	-	354	381	403	-	399	429	453	-	440	474	501	-
		Lo PR	104	110	120	-	109	116	127	-	114	121	132	-	119	127	139	-	125	133	145	-	129	138	150	-
	1050	MBh	26.6	27.6	30.3	-	26.0	27.0	29.5	-	25.4	26.3	28.8	-	24.8	25.7	28.1	-	23.5	24.4	26.7	-	21.8	22.6	24.8	-
		S/T	0.74	0.62	0.43	-	0.76	0.64	0.44	-	0.78	0.65	0.45	-	0.81	0.68	0.47	-	0.84	0.70	0.49	-	0.85	0.71	0.49	-
		Δ T	17	15	11	-	17	15	11	-	17	15	11	-	18	15	12	-	17	15	11	-	16	14	11	-
		kW	2.04	2.08	2.14	-	2.18	2.23	2.29	-	2.31	2.36	2.43	-	2.42	2.47	2.55	-	2.52	2.57	2.65	-	2.60	2.66	2.74	-
		Amps	7.0	7.2	7.5	-	7.6	7.8	8.1	-	8.3	8.5	8.8	-	8.9	9.1	9.4	-	9.5	9.7	10.0	-	10.0	10.3	10.6	-
		Hi PR	248	267	282	-	278	299	316	-	317	341	360	-	360	388	410	-	406	436	461	-	448	482	509	-
		Lo PR	105	112	122	-	111	118	129	-	116	123	134	-	122	129	141	-	127	135	148	-	132	140	153	-
	1155	MBh	27.0	28.0	30.7	-	26.4	27.4	30.0	-	25.8	26.7	29.3	-	25.2	26.1	28.6	-	23.9	24.8	27.1	-	22.1	22.9	25.1	-
		S/T	0.77	0.64	0.45	-	0.80	0.67	0.46	-	0.82	0.68	0.47	-	0.85	0.71	0.49	-	0.88	0.73	0.51	-	0.88	0.74	0.51	-
		Δ T	17	14	11	-	17	15	11	-	17	15	11	-	17	15	11	-	17	14	11	-	16	13	10	-
		kW	2.05	2.09	2.15	-	2.19	2.24	2.30	-	2.32	2.37	2.44	-	2.44	2.49	2.56	-	2.53	2.59	2.67	-	2.62	2.67	2.76	-
		Amps	7.1	7.3	7.5	-	7.7	7.9	8.1	-	8.4	8.6	8.9	-	8.9	9.2	9.5	-	9.5	9.8	10.1	-	10.1	10.4	10.7	-
		Hi PR	250	269	284	-	280	302	318	-	319	343	362	-	363	391	413	-	408	439	464	-	451	486	513	-
		Lo PR	106	113	123	-	112	119	130	-	116	124	135	-	122	130	142	-	128	136	149	-	133	141	154	-
75	945	MBh	26.7	27.5	29.7	31.9	26.1	26.8	29.0	31.2	25.4	26.2	28.4	30.4	24.8	**25.6**	27.7	29.7	23.6	24.3	26.3	28.2	21.8	22.5	24.3	26.1
		S/T	0.81	0.72	0.55	0.35	0.84	0.75	0.57	0.36	0.86	0.77	0.58	0.37	0.89	**0.79**	0.60	0.39	0.92	0.82	0.62	0.40	0.93	0.83	0.63	0.40
		Δ T	21	19	16	11	21	20	16	11	21	20	16	11	21	**20**	16	11	21	19	16	11	20	18	15	10
		kW	2.03	2.07	2.13	2.19	2.17	2.21	2.28	2.35	2.30	2.34	2.42	2.49	2.41	**2.46**	2.53	2.61	2.50	2.56	2.64	2.72	2.59	2.64	2.72	2.81
		Amps	7.0	7.2	7.4	7.7	7.6	7.8	8.0	8.3	8.2	8.5	8.7	9.1	8.8	**9.0**	9.3	9.7	9.4	9.6	10.0	10.3	10.0	10.2	10.6	11.0
		Hi PR	246	265	280	292	276	297	314	328	314	338	357	373	358	**385**	407	424	403	433	458	477	445	479	506	527
		Lo PR	105	111	121	129	111	118	128	137	115	122	133	142	121	**128**	140	149	126	135	147	156	131	139	152	162
	1050	MBh	27.1	27.9	30.2	32.4	26.5	27.2	29.5	31.6	25.8	26.6	28.8	30.9	25.2	**25.9**	28.1	30.1	23.9	24.6	26.7	28.6	22.2	22.8	24.7	26.5
		S/T	0.84	0.75	0.57	0.37	0.87	0.78	0.59	0.38	0.89	0.80	0.60	0.39	0.92	**0.82**	0.62	0.40	0.95	0.85	0.65	0.42	0.96	0.86	0.65	0.42
		Δ T	20	18	15	10	20	19	15	10	20	19	15	10	20	**19**	15	11	20	18	15	10	19	17	14	10
		kW	2.05	2.09	2.15	2.22	2.20	2.24	2.31	2.38	2.33	2.38	2.45	2.52	2.44	**2.49**	2.57	2.65	2.54	2.59	2.67	2.76	2.62	2.68	2.76	2.85
		Amps	7.1	7.3	7.5	7.8	7.7	7.9	8.2	8.5	8.4	8.6	8.9	9.2	9.0	**9.2**	9.5	9.9	9.6	9.8	10.1	10.5	10.1	10.4	10.7	11.2
		Hi PR	251	270	285	297	281	303	319	333	320	344	363	379	364	**392**	414	432	410	441	466	486	453	487	514	536
		Lo PR	106	113	124	132	112	120	131	139	117	124	136	145	123	**131**	143	152	129	137	149	159	133	142	155	165
	1155	MBh	27.5	28.3	30.6	32.9	26.9	27.7	29.9	32.1	26.2	27.0	29.2	31.4	25.6	**26.3**	28.5	30.6	24.3	25.0	27.1	29.1	22.5	23.2	25.1	26.9
		S/T	0.88	0.78	0.59	0.38	0.91	0.81	0.61	0.40	0.93	0.83	0.63	0.41	0.96	**0.86**	0.65	0.42	1.00	0.89	0.67	0.43	1.00	0.90	0.68	0.44
		Δ T	19	18	14	10	19	18	15	10	19	18	15	10	20	**18**	15	10	19	18	15	10	18	17	14	9
		kW	2.06	2.10	2.16	2.23	2.21	2.25	2.32	2.39	2.34	2.39	2.46	2.54	2.45	**2.51**	2.58	2.67	2.55	2.61	2.69	2.77	2.64	2.69	2.78	2.87
		Amps	7.2	7.3	7.6	7.9	7.8	7.9	8.2	8.5	8.4	8.6	8.9	9.3	9.0	**9.2**	9.6	9.9	9.6	9.9	10.2	10.6	10.2	10.5	10.8	11.2
		Hi PR	252	272	287	299	283	305	322	336	322	346	366	382	367	**395**	417	435	413	444	469	489	456	491	518	540
		Lo PR	107	114	124	133	113	120	131	140	118	125	137	146	124	**131**	144	153	130	138	150	160	134	143	156	166

IDB: Entering Indoor Dry Bulb Temperature

Shaded area reflects ACCA (TVA) conditions

Amps = outdoor unit amps (comp.+fan)

High and low pressures are measured at the liquid and suction service valves.

kW = Total system power

Expanded Cooling Data — VSX130301D* / CA*F3030*6D* (cont.)

			Outdoor Ambient Temperature																							
			65ºF				75ºF				85ºF				95ºF				105ºF				115ºF			
			Entering Indoor Wet Bulb Temperature																							
IDB	Airflow		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
80	945	MBh	27.2	27.8	29.6	31.7	26.5	27.1	29.0	31.0	25.9	26.5	28.3	30.2	25.3	25.8	27.6	29.5	24.0	24.5	26.2	28.0	22.2	22.7	24.3	25.9
		S/T	0.89	0.83	0.68	0.51	0.92	0.86	0.70	0.52	0.94	0.88	0.72	0.54	0.97	0.91	0.74	0.56	1.01	0.95	0.77	0.58	1.00	0.95	0.78	0.58
		Δ T	23	22	20	16	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	22	21	18	15
		kW	2.04	2.08	2.14	2.21	2.19	2.23	2.30	2.37	2.31	2.36	2.43	2.51	2.43	2.48	2.56	2.64	2.52	2.58	2.66	2.74	2.61	2.66	2.75	2.83
		Amps	7.1	7.2	7.5	7.8	7.7	7.8	8.1	8.4	8.3	8.5	8.8	9.2	8.9	9.1	9.4	9.8	9.5	9.7	10.1	10.4	10.1	10.3	10.7	11.1
		Hi PR	249	268	283	295	279	300	317	331	317	342	361	376	362	389	411	429	407	438	462	482	449	484	511	533
		Lo PR	106	112	123	131	112	119	130	138	116	123	135	144	122	130	142	151	128	136	148	158	132	141	153	163
	1050	MBh	27.6	28.2	30.1	32.2	26.9	27.5	29.4	31.4	26.3	26.9	28.7	30.7	25.6	26.2	**28.0**	29.9	24.4	24.9	26.6	28.4	22.6	23.1	24.6	26.3
		S/T	0.92	0.86	0.70	0.52	0.95	0.89	0.73	0.54	0.98	0.92	0.75	0.56	1.00	0.95	**0.77**	0.58	1.00	0.98	0.80	0.60	1.00	0.99	0.81	0.60
		Δ T	22	21	18	15	22	22	19	15	22	22	19	15	22	22	**19**	15	21	21	19	15	20	20	17	14
		kW	2.07	2.11	2.17	2.23	2.21	2.26	2.33	2.40	2.35	2.39	2.47	2.54	2.46	2.51	**2.59**	2.67	2.56	2.61	2.69	2.78	2.64	2.70	2.78	2.87
		Amps	7.2	7.4	7.6	7.9	7.8	8.0	8.2	8.5	8.5	8.7	9.0	9.3	9.1	9.3	**9.6**	10.0	9.6	9.9	10.2	10.6	10.2	10.5	10.8	11.3
		Hi PR	253	272	288	300	284	306	323	337	323	348	367	383	368	396	**418**	436	414	445	470	490	457	492	520	542
		Lo PR	107	114	125	133	114	121	132	140	118	126	137	146	124	132	**144**	153	130	138	151	161	134	143	156	166
	1155	MBh	28.0	28.6	30.6	32.7	27.3	27.9	29.8	31.9	26.7	27.3	29.1	31.1	26.0	26.6	28.4	30.4	24.7	25.3	27.0	28.9	22.9	23.4	25.0	26.7
		S/T	0.96	0.90	0.73	0.55	1.00	0.93	0.76	0.57	1.00	0.96	0.78	0.58	1.00	1.00	0.80	0.60	1.00	1.00	0.83	0.62	1.00	1.00	0.84	0.63
		Δ T	21	21	18	14	22	21	18	14	21	21	18	14	21	21	18	15	20	20	18	14	18	19	17	13
		kW	2.08	2.12	2.18	2.25	2.23	2.27	2.34	2.41	2.36	2.41	2.48	2.56	2.47	2.53	2.60	2.69	2.57	2.63	2.71	2.80	2.66	2.71	2.80	2.89
		Amps	7.2	7.4	7.7	7.9	7.8	8.0	8.3	8.6	8.5	8.7	9.0	9.4	9.1	9.3	9.7	10.0	9.7	9.9	10.3	10.7	10.3	10.6	10.9	11.3
		Hi PR	255	274	290	302	286	308	325	339	325	350	370	385	370	399	421	439	417	448	474	494	460	495	523	546
		Lo PR	108	115	126	134	114	122	133	141	119	126	138	147	125	133	145	154	131	139	152	162	135	144	157	167
85	945	MBh	27.6	28.2	29.5	31.5	27.0	27.5	28.8	30.7	26.3	26.9	28.1	30.0	25.7	26.2	27.4	29.3	24.4	24.9	26.1	27.8	22.6	23.1	24.1	25.8
		S/T	0.93	0.90	0.81	0.66	0.96	0.93	0.84	0.68	0.99	0.95	0.86	0.70	1.00	0.98	0.89	0.72	1.00	1.00	0.92	0.75	1.00	1.00	0.93	0.75
		Δ T	25	25	23	20	25	25	24	20	25	25	24	20	25	25	24	21	24	24	23	20	22	22	22	19
		kW	2.06	2.10	2.16	2.22	2.20	2.25	2.31	2.39	2.33	2.38	2.45	2.53	2.45	2.50	2.58	2.66	2.54	2.60	2.68	2.76	2.63	2.68	2.77	2.86
		Amps	7.1	7.3	7.6	7.8	7.7	7.9	8.2	8.5	8.4	8.6	8.9	9.2	9.0	9.2	9.5	9.9	9.6	9.8	10.2	10.5	10.2	10.4	10.8	11.2
		Hi PR	251	270	286	298	282	303	320	334	321	345	364	380	365	393	415	433	411	442	467	487	454	489	516	538
		Lo PR	107	114	124	132	113	120	131	139	117	125	136	145	123	131	143	152	129	137	150	160	133	142	155	165
	1050	MBh	28.1	28.6	29.9	32.0	27.4	27.9	29.3	31.2	26.7	27.3	28.6	30.5	26.1	26.6	27.9	29.7	24.8	25.3	26.5	28.2	23.0	23.4	24.5	26.2
		S/T	0.96	0.93	0.84	0.68	1.00	0.96	0.87	0.71	1.00	0.99	0.89	0.72	1.00	1.00	0.92	0.75	1.00	1.00	0.96	0.78	1.00	1.00	0.96	0.78
		Δ T	24	23	22	19	24	24	22	19	23	24	22	19	23	23	22	19	22	22	22	19	20	20	21	18
		kW	2.08	2.12	2.19	2.25	2.23	2.28	2.35	2.42	2.36	2.41	2.49	2.56	2.48	2.53	2.61	2.69	2.58	2.63	2.72	2.80	2.66	2.72	2.81	2.90
		Amps	7.2	7.4	7.7	8.0	7.8	8.0	8.3	8.6	8.5	8.7	9.0	9.4	9.1	9.4	9.7	10.1	9.7	10.0	10.3	10.7	10.3	10.6	10.9	11.4
		Hi PR	256	275	290	303	287	309	326	340	326	351	371	387	372	400	422	440	418	450	475	495	462	497	525	547
		Lo PR	109	116	126	134	115	122	133	142	119	127	138	147	125	133	145	155	131	140	152	162	136	144	158	168
	1155	MBh	28.5	29.0	30.4	32.4	27.8	28.4	29.7	31.7	27.1	27.7	29.0	30.9	26.5	27.0	28.3	30.2	25.2	25.7	26.9	28.7	23.3	23.8	24.9	26.5
		S/T	1.00	0.97	0.88	0.71	1.00	1.00	0.91	0.74	1.00	1.00	0.93	0.76	1.00	1.00	0.96	0.78	1.00	1.00	1.00	0.81	1.00	1.00	1.00	0.82
		Δ T	23	22	21	18	22	23	21	19	22	22	21	19	21	21	22	19	20	20	21	18	19	19	20	17
		kW	2.09	2.13	2.20	2.26	2.24	2.29	2.36	2.43	2.38	2.43	2.50	2.58	2.49	2.55	2.62	2.71	2.59	2.65	2.73	2.82	2.68	2.74	2.82	2.91
		Amps	7.3	7.5	7.7	8.0	7.9	8.1	8.4	8.7	8.6	8.8	9.1	9.5	9.2	9.4	9.7	10.1	9.8	10.0	10.4	10.8	10.4	10.7	11.0	11.4
		Hi PR	257	277	292	305	289	311	328	342	328	353	373	389	374	403	425	443	421	453	478	499	465	500	528	551
		Lo PR	109	116	127	135	116	123	134	143	120	128	139	148	126	134	146	156	132	141	153	163	137	145	159	169

IDB: Entering Indoor Dry Bulb Temperature

Shaded area reflects AHRI conditions

Amps = outdoor unit amps (comp.+fan)

High and low pressures are measured at the liquid and suction service valves.

kW = Total system power

Expanded Cooling Data — VSX130361D* / CA*T3636*6D*

			Outdoor Ambient Temperature																							
			65ºF				75ºF				85ºF				95ºF				105ºF				115ºF			
			Entering Indoor Wet Bulb Temperature																							
IDB	Airflow		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
70	1350	MBh	32.9	34.1	37.4	-	32.2	33.3	36.5	-	31.4	32.5	35.7	-	30.6	31.7	34.8	-	29.1	30.2	33.0	-	27.0	27.9	30.6	-
		S/T	0.74	0.62	0.43	-	0.77	0.64	0.44	-	0.78	0.66	0.45	-	0.81	0.68	0.47	-	0.84	0.70	0.49	-	0.85	0.71	0.49	-
		Δ T	17	14	11	-	17	15	11	-	17	15	11	-	17	15	11	-	17	14	11	-	16	13	10	-
		kW	2.43	2.48	2.55	-	2.60	2.66	2.73	-	2.76	2.81	2.90	-	2.89	2.95	3.04	-	3.00	3.06	3.16	-	3.10	3.17	3.26	-
		/anos	8.8	9.0	9.3	-	9.5	9.7	10.0	-	10.3	10.5	10.8	-	11.0	11.2	11.6	-	11.7	11.9	12.3	-	12.3	12.6	13.1	-
		Hi PR	224	241	255	-	251	271	286	-	286	308	325	-	326	351	370	-	366	394	416	-	405	436	460	-
		Lo PR	105	112	122	-	111	118	129	-	115	123	134	-	121	129	141	-	127	135	147	-	131	140	152	-
	1200	MBh	32.0	33.1	36.3	-	31.2	32.4	35.5	-	30.5	31.6	34.6	-	29.7	30.8	33.8	-	28.2	29.3	32.1	-	26.2	27.1	29.7	-
		S/T	0.70	0.59	0.41	-	0.73	0.61	0.42	-	0.75	0.62	0.43	-	0.77	0.65	0.45	-	0.80	0.67	0.46	-	0.81	0.68	0.47	-
		Δ T	17	15	11	-	17	15	11	-	17	15	11	-	18	15	12	-	17	15	11	-	16	14	11	-
		kW	2.41	2.46	2.53	-	2.58	2.64	2.71	-	2.73	2.79	2.87	-	2.87	2.93	3.01	-	2.98	3.04	3.13	-	3.08	3.14	3.24	-
		/anos	8.7	8.9	9.2	-	9.4	9.6	9.9	-	10.2	10.4	10.8	-	10.9	11.1	11.5	-	11.5	11.8	12.2	-	12.2	12.5	12.9	-
		Hi PR	222	239	252	-	249	268	283	-	283	305	322	-	323	347	367	-	363	390	412	-	401	431	456	-
		Lo PR	104	111	121	-	110	117	127	-	114	121	132	-	120	127	139	-	126	134	146	-	130	138	151	-
	1050	MBh	29.5	30.6	33.5	-	28.8	29.9	32.7	-	28.1	29.2	31.9	-	27.4	28.4	31.2	-	26.1	27.0	29.6	-	24.2	25.0	27.4	-
		S/T	0.68	0.57	0.39	-	0.70	0.59	0.41	-	0.72	0.60	0.42	-	0.74	0.62	0.43	-	0.77	0.65	0.45	-	0.78	0.65	0.45	-
		Δ T	18	15	12	-	18	15	12	-	18	15	12	-	18	15	12	-	18	15	12	-	16	14	11	-
		kW	2.36	2.41	2.48	-	2.53	2.58	2.65	-	2.67	2.73	2.81	-	2.80	2.86	2.94	-	2.91	2.97	3.06	-	3.00	3.07	3.16	-
		/anos	8.4	8.6	8.9	-	9.1	9.3	9.6	-	9.9	10.1	10.5	-	10.6	10.8	11.2	-	11.2	11.5	11.9	-	11.9	12.2	12.6	-
		Hi PR	215	232	245	-	242	260	274	-	275	296	312	-	313	337	356	-	352	379	400	-	389	418	442	-
		Lo PR	101	107	117	-	106	113	124	-	111	118	129	-	116	124	135	-	122	130	141	-	126	134	146	-
75	1350	MBh	33.5	34.5	37.3	40.0	32.7	33.7	36.4	39.1	31.9	**32.9**	35.6	38.2	31.1	32.1	34.7	37.3	29.6	30.5	33.0	35.4	27.4	28.2	30.5	32.8
		S/T	0.84	0.75	0.57	0.37	0.87	0.78	0.59	0.38	0.89	**0.80**	0.60	0.39	0.92	0.82	0.62	0.40	0.96	0.85	0.65	0.42	0.96	0.86	0.65	0.42
		Δ T	19	18	14	10	19	18	15	10	19	**18**	15	10	20	18	15	10	19	18	15	10	18	17	14	9
		kW	2.45	2.50	2.57	2.65	2.62	2.68	2.76	2.84	2.78	**2.83**	2.92	3.01	2.91	2.97	3.06	3.16	3.03	3.09	3.19	3.29	3.13	3.19	3.29	3.40
		/anos	8.8	9.0	9.3	9.7	9.5	9.8	10.1	10.5	10.4	**10.6**	11.0	11.4	11.1	11.3	11.7	12.1	11.8	12.0	12.4	12.9	12.5	12.8	13.2	13.7
		Hi PR	226	244	257	268	254	273	289	301	289	**311**	328	342	329	354	374	390	370	398	421	439	409	440	465	485
		Lo PR	106	113	123	131	112	119	130	139	116	**124**	135	144	122	130	142	151	128	136	149	158	133	141	154	164
	1200	MBh	32.5	33.5	36.2	38.9	31.8	32.7	35.4	38.0	31.0	**31.9**	34.5	37.1	30.2	31.1	33.7	36.2	28.7	29.6	32.0	34.4	26.6	27.4	29.7	31.8
		S/T	0.80	0.72	0.54	0.35	0.83	0.74	0.56	0.36	0.85	**0.76**	0.58	0.37	0.88	0.79	0.59	0.38	0.91	0.82	0.62	0.40	0.92	0.82	0.62	0.40
		Δ T	20	18	15	10	20	19	15	11	20	**19**	15	11	20	19	15	11	20	18	15	10	19	17	14	10
		kW	2.43	2.48	2.55	2.63	2.60	2.66	2.73	2.82	2.76	**2.81**	2.90	2.99	2.89	2.95	3.04	3.13	3.00	3.07	3.16	3.26	3.10	3.17	3.26	3.37
		/anos	8.8	9.0	9.3	9.6	9.5	9.7	10.0	10.4	10.3	**10.5**	10.9	11.3	11.0	11.2	11.6	12.0	11.7	11.9	12.3	12.8	12.3	12.6	13.1	13.6
		Hi PR	224	241	255	266	252	271	286	298	286	**308**	325	339	326	351	370	386	367	394	417	434	405	436	460	480
		Lo PR	105	112	122	130	111	118	129	137	115	**123**	134	143	121	129	141	150	127	135	147	157	131	140	152	162
	1050	MBh	30.0	30.9	33.4	35.9	29.3	30.2	32.7	35.1	28.6	**29.5**	31.9	34.2	27.9	28.7	31.1	33.4	26.5	27.3	29.6	31.7	24.6	25.3	27.4	29.4
		S/T	0.77	0.69	0.52	0.34	0.80	0.72	0.54	0.35	0.82	**0.73**	0.56	0.36	0.85	0.76	0.57	0.37	0.88	0.79	0.59	0.38	0.89	0.79	0.60	0.39
		Δ T	20	19	15	11	21	19	15	11	21	**19**	15	11	21	19	16	11	20	19	15	11	19	18	14	10
		kW	2.38	2.43	2.50	2.57	2.55	2.60	2.67	2.75	2.69	**2.75**	2.83	2.92	2.82	2.88	2.97	3.06	2.93	2.99	3.09	3.18	3.03	3.09	3.19	3.29
		/anos	8.5	8.7	9.0	9.3	9.2	9.4	9.7	10.1	10.0	**10.2**	10.6	10.9	10.7	10.9	11.3	11.7	11.3	11.6	12.0	12.4	12.0	12.3	12.7	13.2
		Hi PR	217	234	247	258	244	263	277	289	277	**299**	315	329	316	340	359	375	356	383	404	421	393	423	446	466
		Lo PR	102	108	118	126	108	114	125	133	112	**119**	130	138	117	125	136	145	123	131	143	152	127	135	148	157

IDB: Entering Indoor Dry Bulb Temperature

Shaded area reflects ACCA (TVA) conditions

Amps = outdoor unit amps (comp.+fan)

High and low pressures are measured at the liquid and suction service valves.

kW = Total system power

			OUTDOOR AMBIENT TEMPERATURE																							
			65ºF				75ºF				85ºF				95ºF				105ºF				115ºF			
			ENTERING INDOOR WET BULB TEMPERATURE																							
IDB	Airflow		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
80	1350	MBh	34.1	34.8	37.2	39.8	33.3	34.0	36.3	38.8	32.5	33.2	35.5	37.9	31.7	32.4	34.6	37.0	30.1	30.8	32.9	35.1	27.9	28.5	30.5	32.6
		S/T	0.92	0.86	0.70	0.53	0.95	0.89	0.73	0.54	1.00	0.92	0.75	0.56	1.00	0.95	0.77	0.58	1.00	1.00	0.80	0.60	1.00	1.00	0.81	0.60
		Δ T	21	20	18	14	22	21	18	14	22	21	18	14	22	21	18	15	21	21	18	14	19	19	17	13
		kW	2.47	2.52	2.59	2.67	2.64	2.70	2.78	2.86	2.80	2.85	2.94	3.03	2.93	2.99	3.09	3.18	3.05	3.11	3.21	3.31	3.15	3.22	3.32	3.42
		/anos	8.9	9.1	9.4	9.8	9.6	9.9	10.2	10.6	10.4	10.7	11.1	11.5	11.2	11.4	11.8	12.3	11.9	12.2	12.6	13.0	12.6	12.9	13.3	13.8
		Hi PR	229	246	260	271	257	276	292	304	292	314	332	346	332	358	378	394	374	402	425	443	413	445	470	490
		Lo PR	107	114	124	132	113	120	131	140	118	125	137	145	123	131	143	153	129	138	150	160	134	142	155	166
	1200	MBh	33.1	33.8	36.1	38.6	32.3	33.0	35.3	37.7	31.5	32.2	34.4	36.8	30.8	31.4	**33.6**	35.9	29.2	29.9	31.9	34.1	27.1	27.7	29.6	31.6
		S/T	0.88	0.82	0.67	0.50	0.91	0.85	0.69	0.52	0.93	0.87	0.71	0.53	0.96	0.90	**0.74**	0.55	1.00	0.94	0.76	0.57	1.00	0.95	0.77	0.57
		Δ T	22	21	19	15	23	22	19	15	23	22	19	15	23	22	**19**	15	22	21	19	15	21	20	17	14
		kW	2.45	2.50	2.57	2.65	2.62	2.68	2.76	2.84	2.78	2.83	2.92	3.01	2.91	2.97	**3.06**	3.16	3.03	3.09	3.19	3.29	3.13	3.19	3.29	3.40
		/anos	8.8	9.0	9.3	9.7	9.5	9.8	10.1	10.5	10.4	10.6	11.0	11.4	11.1	11.3	**11.7**	12.1	11.8	12.0	12.4	12.9	12.5	12.8	13.2	13.7
		Hi PR	226	244	257	268	254	273	289	301	289	311	328	342	329	354	**374**	390	370	398	421	439	409	440	465	485
		Lo PR	106	113	123	131	112	119	130	139	116	124	135	144	122	130	**142**	151	128	136	149	158	133	141	154	164
	1050	MBh	30.5	31.2	33.3	35.6	29.8	30.5	32.6	34.8	29.1	29.8	31.8	34.0	28.4	29.0	31.0	33.2	27.0	27.6	29.5	31.5	25.0	25.5	27.3	29.2
		S/T	0.85	0.79	0.65	0.48	0.88	0.82	0.67	0.50	0.90	0.84	0.69	0.51	0.93	0.87	0.71	0.53	0.96	0.90	0.74	0.55	0.97	0.91	0.74	0.55
		Δ T	23	22	19	15	23	22	19	15	23	22	19	15	23	22	19	15	23	22	19	15	21	20	18	14
		kW	2.40	2.44	2.51	2.59	2.56	2.62	2.69	2.77	2.71	2.77	2.85	2.94	2.84	2.90	2.99	3.08	2.96	3.02	3.11	3.21	3.05	3.12	3.21	3.31
		/anos	8.6	8.8	9.1	9.4	9.3	9.5	9.8	10.2	10.1	10.3	10.7	11.0	10.8	11.0	11.4	11.8	11.4	11.7	12.1	12.6	12.1	12.4	12.8	13.3
		Hi PR	220	236	250	260	246	265	280	292	280	302	319	332	319	344	363	378	359	386	408	426	397	427	451	470
		Lo PR	103	109	119	127	109	116	126	134	113	120	131	140	119	126	138	147	124	132	144	154	129	137	149	159
85	1350	MBh	34.7	35.3	37.0	39.5	33.9	34.5	36.2	38.6	33.1	33.7	35.3	37.7	32.3	32.9	34.4	36.7	30.6	31.2	32.7	34.9	28.4	28.9	30.3	32.3
		S/T	0.96	0.93	0.84	0.68	1.00	0.96	0.87	0.71	1.00	0.99	0.89	0.72	1.00	1.00	0.92	0.75	1.00	1.00	0.96	0.78	1.00	1.00	0.96	0.78
		Δ T	23	22	21	18	23	23	21	19	23	23	21	19	22	22	22	19	21	21	21	18	19	20	20	17
		kW	2.49	2.54	2.61	2.69	2.66	2.72	2.80	2.88	2.82	2.88	2.96	3.06	2.96	3.02	3.11	3.21	3.07	3.14	3.24	3.34	3.17	3.24	3.34	3.45
		/anos	9.0	9.2	9.5	9.9	9.7	9.9	10.3	10.6	10.5	10.8	11.2	11.6	11.3	11.5	11.9	12.4	12.0	12.3	12.7	13.2	12.7	13.0	13.4	13.9
		Hi PR	231	249	262	274	259	279	295	307	295	317	335	349	336	361	382	398	378	406	429	448	417	449	474	495
		Lo PR	108	115	126	134	114	122	133	141	119	126	138	147	125	133	145	154	131	139	152	162	135	144	157	167
	1200	MBh	33.7	34.3	35.9	38.3	32.9	33.5	35.1	37.5	32.1	32.7	34.3	36.6	31.3	31.9	33.4	35.7	29.7	30.3	31.8	33.9	27.6	28.1	29.4	31.4
		S/T	0.92	0.89	0.80	0.65	0.95	0.92	0.83	0.67	0.98	0.94	0.85	0.69	1.00	0.97	0.88	0.71	1.00	1.00	0.91	0.74	1.00	1.00	0.92	0.75
		Δ T	24	23	22	19	24	24	22	19	24	24	22	19	24	24	23	19	23	23	22	19	21	22	21	18
		kW	2.47	2.52	2.59	2.67	2.64	2.70	2.78	2.86	2.80	2.85	2.94	3.03	2.93	2.99	3.09	3.18	3.05	3.11	3.21	3.31	3.15	3.22	3.32	3.42
		/anos	8.9	9.1	9.4	9.8	9.6	9.9	10.2	10.6	10.4	10.7	11.1	11.5	11.2	11.4	11.8	12.3	11.9	12.2	12.6	13.0	12.6	12.9	13.3	13.8
		Hi PR	229	246	260	271	257	276	292	304	292	314	332	346	332	358	378	394	374	402	425	443	413	445	470	490
		Lo PR	107	114	124	132	113	120	131	140	118	125	137	145	123	131	143	153	129	138	150	160	134	142	155	166
	1050	MBh	31.1	31.7	33.2	35.4	30.3	30.9	32.4	34.6	29.6	30.2	31.6	33.7	28.9	29.5	30.9	32.9	27.5	28.0	29.3	31.3	25.4	25.9	27.2	29.0
		S/T	0.89	0.86	0.77	0.63	0.92	0.89	0.80	0.65	0.94	0.91	0.82	0.67	0.97	0.94	0.85	0.69	1.00	0.97	0.88	0.71	1.00	0.98	0.89	0.72
		Δ T	24	24	22	19	24	24	23	20	24	24	23	20	25	24	23	20	24	24	23	20	22	22	21	18
		kW	2.41	2.46	2.53	2.61	2.58	2.64	2.71	2.80	2.73	2.79	2.87	2.96	2.87	2.92	3.01	3.11	2.98	3.04	3.13	3.23	3.08	3.14	3.24	3.34
		/anos	8.7	8.9	9.2	9.5	9.4	9.6	9.9	10.3	10.2	10.4	10.7	11.1	10.9	11.1	11.5	11.9	11.5	11.8	12.2	12.7	12.2	12.5	12.9	13.4
		Hi PR	222	239	252	263	249	268	283	295	283	305	322	336	322	347	366	382	363	390	412	430	401	431	455	475
		Lo PR	104	110	121	128	110	117	127	136	114	121	132	141	120	127	139	148	126	134	146	155	130	138	151	161

IDB: Entering Indoor Dry Bulb Temperature

Shaded area reflects AHRI conditions

Amps = outdoor unit amps (comp.+fan)

High and low pressures are measured at the liquid and suction service valves.

kW = Total system power

Expanded Cooling Data — VSX130421B* / CA*T3642*6D*

			Outdoor Ambient Temperature																							
			65ºF				75ºF				85ºF				95ºF				105ºF				115ºF			
			Entering Indoor Wet Bulb Temperature																							
IDB	Airflow		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
70	1525	MBh	39.2	40.6	44.5	-	38.3	39.7	43.5	-	37.4	38.7	42.4	-	36.5	37.8	41.4	-	34.6	35.9	39.3	-	32.1	33.3	36.4	-
		S/T	0.74	0.62	0.43	-	0.77	0.64	0.45	-	0.79	0.66	0.46	-	0.82	0.68	0.47	-	0.85	0.71	0.49	-	0.85	0.71	0.49	-
		ΔT	18	15	12	-	18	15	12	-	18	15	12	-	18	16	12	-	18	15	12	-	17	14	11	-
		kW	2.87	2.92	3.01	-	3.07	3.13	3.22	-	3.24	3.31	3.41	-	3.40	3.47	3.58	-	3.53	3.61	3.72	-	3.65	3.72	3.84	-
		Amps	10.5	10.7	11.1	-	11.3	11.6	11.9	-	12.2	12.5	12.9	-	13.1	13.4	13.8	-	13.9	14.2	14.7	-	14.7	15.0	15.5	-
		Hi PR	217	234	247	-	244	262	277	-	277	298	315	-	315	340	359	-	355	382	403	-	392	422	446	-
		Lo PR	106	113	124	-	112	120	131	-	117	124	136	-	123	131	143	-	129	137	149	-	133	142	155	-
	1350	MBh	38.1	39.4	43.2	-	37.2	38.5	42.2	-	36.3	37.6	41.2	-	35.4	36.7	40.2	-	33.6	34.9	38.2	-	31.2	32.3	35.4	-
		S/T	0.71	0.59	0.41	-	0.73	0.61	0.43	-	0.75	0.63	0.44	-	0.78	0.65	0.45	-	0.81	0.67	0.47	-	0.81	0.68	0.47	-
		ΔT	18	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	18	16	12	-	17	15	11	-
		kW	2.85	2.90	2.98	-	3.05	3.11	3.20	-	3.22	3.29	3.38	-	3.38	3.44	3.55	-	3.51	3.58	3.69	-	3.62	3.70	3.81	-
		Amps	10.4	10.6	11.0	-	11.2	11.5	11.8	-	12.1	12.4	12.8	-	12.9	13.3	13.7	-	13.8	14.1	14.6	-	14.6	14.9	15.4	-
		Hi PR	215	231	244	-	241	260	274	-	274	295	312	-	312	336	355	-	351	378	399	-	388	418	441	-
		Lo PR	105	112	122	-	111	118	129	-	116	123	134	-	122	129	141	-	127	135	148	-	132	140	153	-
	1175	MBh	35.1	36.4	39.9	-	34.3	35.6	39.0	-	33.5	34.7	38.0	-	32.7	33.9	37.1	-	31.0	32.2	35.2	-	28.8	29.8	32.7	-
		S/T	0.68	0.57	0.40	-	0.71	0.59	0.41	-	0.73	0.61	0.42	-	0.75	0.63	0.43	-	0.78	0.65	0.45	-	0.78	0.66	0.45	-
		ΔT	19	16	12	-	19	16	12	-	19	16	13	-	19	17	13	-	19	16	12	-	18	15	12	-
		kW	2.78	2.84	2.92	-	2.98	3.04	3.12	-	3.15	3.21	3.31	-	3.30	3.36	3.47	-	3.43	3.50	3.60	-	3.54	3.61	3.72	-
		Amps	10.1	10.3	10.7	-	10.9	11.2	11.5	-	11.8	12.1	12.5	-	12.6	12.9	13.3	-	13.4	13.7	14.2	-	14.2	14.5	15.0	-
		Hi PR	208	224	237	-	234	252	266	-	266	286	302	-	303	326	344	-	341	367	387	-	377	405	428	-
		Lo PR	102	109	119	-	108	115	125	-	112	119	130	-	118	125	137	-	124	131	143	-	128	136	148	-
75	1525	MBh	39.86	41.04	44.42	47.68	38.93	40.09	43.39	46.57	38.01	39.13	42.36	45.46	37.08	**38.18**	41.32	44.35	35.23	36.27	39.26	42.13	32.63	33.60	36.36	39.03
		S/T	0.84	0.76	0.57	0.37	0.88	0.78	0.59	0.38	0.90	0.80	0.61	0.39	0.93	**0.83**	0.63	0.40	0.96	0.86	0.65	0.42	0.97	0.87	0.66	0.42
		ΔT	20	19	15	11	21	19	16	11	21	19	16	11	21	**19**	16	11	20	19	15	11	19	18	14	10
		kW	2.89	2.94	3.03	3.12	3.09	3.15	3.25	3.34	3.27	3.34	3.44	3.54	3.43	**3.50**	3.60	3.72	3.56	3.64	3.75	3.87	3.68	3.75	3.87	3.99
		Amps	10.6	10.8	11.2	11.6	11.4	11.7	12.0	12.5	12.4	12.6	13.1	13.5	13.2	**13.5**	13.9	14.5	14.0	14.3	14.8	15.4	14.8	15.2	15.7	16.3
		Hi PR	219	236	249	260	246	265	280	292	280	301	318	332	319	**343**	362	378	359	386	407	425	396	426	450	470
		Lo PR	107	114	125	133	114	121	132	140	118	126	137	146	124	**132**	144	153	130	138	151	161	134	143	156	166
	1350	MBh	38.7	39.8	43.1	46.3	37.8	38.9	42.1	45.2	36.9	38.0	41.1	44.1	36.0	**37.1**	40.1	43.1	34.2	35.2	38.1	40.9	31.7	32.6	35.3	37.9
		S/T	0.81	0.72	0.55	0.35	0.84	0.75	0.57	0.36	0.86	0.77	0.58	0.37	0.88	**0.79**	0.60	0.38	0.92	0.82	0.62	0.40	0.93	0.83	0.63	0.40
		ΔT	21	20	16	11	21	20	16	11	22	20	16	11	22	**20**	16	11	21	20	16	11	20	18	15	10
		kW	2.87	2.92	3.01	3.10	3.07	3.13	3.22	3.32	3.25	3.31	3.41	3.51	3.40	**3.47**	3.58	3.69	3.53	3.61	3.72	3.84	3.65	3.73	3.84	3.96
		Amps	10.5	10.7	11.1	11.5	11.3	11.6	11.9	12.4	12.2	12.5	12.9	13.4	13.1	**13.4**	13.8	14.3	13.9	14.2	14.7	15.2	14.7	15.0	15.5	16.1
		Hi PR	217	234	247	257	244	262	277	289	277	298	315	328	316	**340**	359	374	355	382	403	421	392	422	446	465
		Lo PR	106	113	124	132	112	120	131	139	117	124	136	145	123	**131**	143	152	129	137	149	159	133	142	155	165
	1175	MBh	35.7	36.8	39.8	42.7	34.9	35.9	38.9	41.7	34.1	35.1	38.0	40.7	33.2	**34.2**	37.0	39.7	31.6	32.5	35.2	37.8	29.2	30.1	32.6	35.0
		S/T	0.78	0.69	0.53	0.34	0.81	0.72	0.55	0.35	0.83	0.74	0.56	0.36	0.85	**0.76**	0.58	0.37	0.88	0.79	0.60	0.39	0.89	0.80	0.60	0.39
		ΔT	22	20	16	11	22	20	17	11	22	20	17	11	22	**20**	17	12	22	20	16	11	20	19	15	11
		kW	2.81	2.86	2.94	3.03	3.00	3.06	3.15	3.24	3.17	3.24	3.33	3.43	3.32	**3.39**	3.49	3.60	3.45	3.52	3.63	3.74	3.56	3.64	3.75	3.87
		Amps	10.2	10.4	10.8	11.2	11.0	11.3	11.6	12.0	11.9	12.2	12.6	13.1	12.7	**13.0**	13.4	13.9	13.5	13.8	14.3	14.8	14.3	14.6	15.1	15.7
		Hi PR	211	227	239	250	236	254	269	280	269	289	305	319	306	**329**	348	363	344	371	391	408	380	409	432	451
		Lo PR	103	110	120	128	109	116	127	135	113	121	132	140	119	**127**	138	147	125	133	145	154	129	137	150	160

IDB: Entering Indoor Dry Bulb Temperature

Shaded area is ACCA (TVA) conditions

kW = Total system power

High and low pressures are measured at the liquid and suction service valves.

Amps = outdoor unit amps (comp.+fan)

Expanded Cooling Data — VSX130421B* / CA*T3642*6D* (cont.)

			Outdoor Ambient Temperature																							
			65ºF				75ºF				85ºF				95ºF				105ºF				115ºF			
			Entering Indoor Wet Bulb Temperature																							
IDB	Airflow		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
80	1525	MBh	40.57	41.46	44.29	47.35	39.63	40.49	43.26	46.24	38.68	39.53	42.23	45.14	37.74	38.56	41.20	44.04	35.85	36.64	39.14	41.84	33.21	33.94	36.26	38.76
		S/T	0.93	0.87	0.71	0.53	0.96	0.90	0.73	0.55	1.00	0.92	0.75	0.56	1.00	0.95	0.78	0.58	1.00	1.00	0.81	0.60	1.00	1.00	0.81	0.61
		ΔT	23	22	19	15	23	22	19	15	23	22	19	15	23	22	19	15	22	22	19	15	20	20	18	14
		kW	2.91	2.97	3.05	3.14	3.11	3.18	3.27	3.37	3.29	3.36	3.46	3.57	3.45	3.53	3.63	3.75	3.59	3.66	3.78	3.90	3.71	3.78	3.90	4.03
		Amps	10.7	10.9	11.3	11.7	11.5	11.8	12.1	12.6	12.5	12.8	13.2	13.7	13.3	13.6	14.1	14.6	14.1	14.5	15.0	15.5	15.0	15.3	15.8	16.4
		Hi PR	221	238	252	263	249	267	282	295	283	304	321	335	322	346	366	382	362	390	412	429	400	431	455	474
		Lo PR	109	116	126	134	115	122	133	142	119	127	138	147	125	133	145	155	131	140	152	162	136	144	158	168
	1350	MBh	39.4	40.2	43.0	46.0	38.5	39.3	42.0	44.9	37.6	38.4	41.0	43.8	36.6	37.4	**40.0**	42.8	34.8	35.6	38.0	40.6	32.2	32.9	35.2	37.6
		S/T	0.88	0.83	0.67	0.50	0.92	0.86	0.70	0.52	0.94	0.88	0.72	0.54	0.97	0.91	**0.74**	0.55	1.00	0.94	0.77	0.57	1.00	0.95	0.77	0.58
		ΔT	24	23	20	16	24	23	20	16	24	23	20	16	24	23	**20**	16	24	23	20	16	22	21	19	15
		kW	2.89	2.94	3.03	3.12	3.09	3.15	3.25	3.34	3.27	3.34	3.44	3.54	3.43	3.50	**3.61**	3.72	3.56	3.64	3.75	3.87	3.68	3.76	3.87	4.00
		Amps	10.6	10.8	11.2	11.6	11.4	11.7	12.0	12.5	12.4	12.6	13.1	13.5	13.2	13.5	**13.9**	14.5	14.0	14.3	14.8	15.4	14.8	15.2	15.7	16.3
		Hi PR	219	236	249	260	246	265	280	292	280	301	318	332	319	343	**362**	378	359	386	407	425	396	426	450	470
		Lo PR	107	114	125	133	114	121	132	140	118	126	137	146	124	132	**144**	153	130	138	151	161	134	143	156	166
	1175	MBh	36.4	37.1	39.7	42.4	35.5	36.3	38.8	41.4	34.7	35.4	37.8	40.5	33.8	34.6	36.9	39.5	32.1	32.8	35.1	37.5	29.8	30.4	32.5	34.7
		S/T	0.85	0.80	0.65	0.49	0.88	0.83	0.67	0.50	0.91	0.85	0.69	0.52	0.93	0.88	0.71	0.53	0.97	0.91	0.74	0.55	0.98	0.92	0.75	0.56
		ΔT	24	23	20	16	25	24	20	16	25	24	20	16	25	24	21	16	24	23	20	16	23	22	19	15
		kW	2.83	2.88	2.96	3.05	3.02	3.08	3.17	3.27	3.20	3.26	3.36	3.46	3.35	3.42	3.52	3.63	3.48	3.55	3.66	3.77	3.59	3.67	3.78	3.90
		Amps	10.3	10.5	10.9	11.3	11.1	11.4	11.7	12.1	12.0	12.3	12.7	13.2	12.8	13.1	13.6	14.1	13.6	14.0	14.4	15.0	14.4	14.8	15.3	15.8
		Hi PR	213	229	242	252	239	257	271	283	271	292	308	322	309	333	351	366	348	374	395	412	384	414	437	455
		Lo PR	104	111	121	129	110	117	128	136	114	122	133	142	120	128	140	149	126	134	146	156	130	139	151	161
85	1525	MBh	41.28	42.08	44.07	47.01	40.32	41.10	43.04	45.92	39.36	40.12	42.02	44.83	38.40	39.14	40.99	43.73	36.48	37.18	38.94	41.55	33.79	34.44	36.07	38.49
		S/T	0.97	0.94	0.85	0.69	1.00	0.97	0.88	0.71	1.00	1.00	0.90	0.73	1.00	1.00	0.93	0.75	1.00	1.00	0.96	0.78	1.00	1.00	0.97	0.79
		ΔT	24	24	22	19	24	24	23	20	24	24	23	20	23	24	23	20	22	22	23	20	20	21	21	18
		kW	2.93	2.99	3.07	3.17	3.14	3.20	3.29	3.39	3.32	3.39	3.49	3.60	3.48	3.55	3.66	3.78	3.62	3.69	3.81	3.93	3.74	3.81	3.93	4.06
		Amps	10.8	11.0	11.4	11.8	11.6	11.9	12.3	12.7	12.6	12.9	13.3	13.8	13.4	13.7	14.2	14.7	14.3	14.6	15.1	15.7	15.1	15.5	16.0	16.6
		Hi PR	224	241	254	265	251	270	285	298	285	307	324	338	325	350	369	385	366	394	416	434	404	435	459	479
		Lo PR	110	117	127	136	116	123	135	143	120	128	140	149	126	135	147	156	133	141	154	164	137	146	159	170
	1350	MBh	40.1	40.9	42.8	45.6	39.1	39.9	41.8	44.6	38.2	39.0	40.8	43.5	37.3	38.0	39.8	42.5	35.4	36.1	37.8	40.3	32.8	33.4	35.0	37.4
		S/T	0.93	0.89	0.81	0.65	0.96	0.93	0.84	0.68	0.98	0.95	0.86	0.70	1.00	0.98	0.89	0.72	1.00	1.00	0.92	0.75	1.00	1.00	0.93	0.75
		ΔT	25	25	24	20	26	25	24	21	26	25	24	21	25	25	24	21	24	25	24	20	22	23	22	19
		kW	2.91	2.97	3.05	3.14	3.11	3.18	3.27	3.37	3.29	3.36	3.46	3.57	3.45	3.53	3.63	3.75	3.59	3.66	3.78	3.90	3.71	3.78	3.90	4.03
		Amps	10.7	10.9	11.3	11.7	11.5	11.8	12.1	12.6	12.5	12.8	13.2	13.7	13.3	13.6	14.1	14.6	14.1	14.5	15.0	15.5	15.0	15.3	15.8	16.4
		Hi PR	221	238	252	263	249	267	282	295	283	304	321	335	322	346	366	382	362	390	412	429	400	431	455	474
		Lo PR	109	116	126	134	115	122	133	142	119	127	138	147	125	133	145	155	131	140	152	162	136	144	158	168
	1175	MBh	37.0	37.7	39.5	42.1	36.1	36.8	38.6	41.2	35.3	36.0	37.7	40.2	34.4	35.1	36.7	39.2	32.7	33.3	34.9	37.2	30.3	30.9	32.3	34.5
		S/T	0.89	0.86	0.78	0.63	0.93	0.89	0.81	0.65	0.95	0.92	0.83	0.67	0.98	0.95	0.85	0.69	1.00	0.98	0.89	0.72	1.00	0.99	0.89	0.72
		ΔT	26	25	24	21	26	26	24	21	26	26	24	21	26	26	25	21	26	26	24	21	24	24	23	20
		kW	2.85	2.90	2.98	3.07	3.04	3.10	3.20	3.29	3.22	3.28	3.38	3.49	3.37	3.44	3.55	3.66	3.51	3.58	3.69	3.80	3.62	3.69	3.81	3.93
		Amps	10.4	10.6	11.0	11.4	11.2	11.5	11.8	12.3	12.1	12.4	12.8	13.3	12.9	13.3	13.7	14.2	13.8	14.1	14.5	15.1	14.6	14.9	15.4	16.0
		Hi PR	215	231	244	255	241	259	274	286	274	295	312	325	312	336	355	370	351	378	399	416	388	418	441	460
		Lo PR	105	112	122	130	111	118	129	138	116	123	134	143	121	129	141	150	127	135	148	157	132	140	153	163

IDB: Entering Indoor Dry Bulb Temperature

Shaded area is AHRI (TVA) conditions

kW = Total system power

High and low pressures are measured at the liquid and suction service valves.

Amps = outdoor unit amps (comp.+fan)

Expanded Cooling Data — VSX130481B* / CA*F4860*D*

			Outdoor Ambient Temperature																							
			65ºF				75ºF				85ºF				95ºF				105ºF				115ºF			
			Entering Indoor Wet Bulb Temperature																							
IDB	Airflow		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
70	1800	MBh	45.1	46.7	51.2	-	44.0	45.6	50.0	-	43.0	44.5	48.8	-	41.9	43.5	47.6	-	39.8	41.3	45.2	-	36.9	38.2	41.9	-
		S/T	0.76	0.64	0.44	-	0.79	0.66	0.46	-	0.81	0.68	0.47	-	0.84	0.70	0.48	-	0.87	0.73	0.50	-	0.88	0.73	0.51	-
		ΔT	18	15	12	-	18	15	12	-	18	15	12	-	18	16	12	-	18	15	12	-	17	14	11	-
		kW	3.15	3.21	3.31	-	3.38	3.45	3.56	-	3.59	3.66	3.78	-	3.77	3.85	3.97	-	3.92	4.00	4.13	-	4.05	4.14	4.27	-
		Amps	11.5	11.8	12.1	-	12.4	12.7	13.1	-	13.5	13.8	14.2	-	14.4	14.7	15.2	-	15.3	15.7	16.2	-	16.2	16.6	17.1	-
		Hi PR	221	238	251	-	248	267	282	-	282	304	321	-	321	346	365	-	361	389	411	-	399	430	454	-
		Lo PR	108	115	126	-	114	122	133	-	119	127	138	-	125	133	145	-	131	139	152	-	135	144	157	-
	1600	MBh	43.8	45.4	49.7	-	42.7	44.3	48.5	-	41.7	43.2	47.4	-	40.7	42.2	46.2	-	38.7	40.1	43.9	-	35.8	37.1	40.7	-
		S/T	0.73	0.61	0.42	-	0.75	0.63	0.44	-	0.77	0.65	0.45	-	0.80	0.67	0.46	-	0.83	0.69	0.48	-	0.84	0.70	0.48	-
		ΔT	18	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	18	16	12	-	17	15	11	-
		kW	3.13	3.19	3.29	-	3.36	3.43	3.53	-	3.56	3.63	3.75	-	3.74	3.82	3.94	-	3.89	3.97	4.10	-	4.02	4.11	4.24	-
		Amps	11.4	11.7	12.0	-	12.3	12.6	13.0	-	13.3	13.7	14.1	-	14.2	14.6	15.1	-	15.1	15.5	16.0	-	16.0	16.4	17.0	-
		Hi PR	219	235	249	-	246	264	279	-	279	301	317	-	318	342	361	-	358	385	407	-	395	425	449	-
		Lo PR	107	114	125	-	113	121	132	-	118	125	137	-	124	132	144	-	130	138	151	-	134	143	156	-
	1400	MBh	40.4	41.9	45.9	-	39.5	40.9	44.8	-	38.5	39.9	43.7	-	37.6	38.9	42.7	-	35.7	37.0	40.5	-	33.1	34.3	37.5	-
		S/T	0.70	0.59	0.41	-	0.73	0.61	0.42	-	0.75	0.62	0.43	-	0.77	0.64	0.45	-	0.80	0.67	0.46	-	0.81	0.67	0.47	-
		ΔT	19	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	18	15	11	-
		kW	3.06	3.12	3.21	-	3.28	3.35	3.45	-	3.47	3.55	3.66	-	3.65	3.72	3.84	-	3.80	3.88	4.00	-	3.92	4.01	4.13	-
		Amps	11.1	11.4	11.7	-	12.0	12.3	12.6	-	13.0	13.3	13.7	-	13.9	14.2	14.7	-	14.7	15.1	15.6	-	15.6	16.0	16.5	-
		Hi PR	212	228	241	-	238	256	271	-	271	291	308	-	309	332	351	-	347	374	394	-	383	413	436	-
		Lo PR	104	111	121	-	110	117	128	-	114	122	133	-	120	128	139	-	126	134	146	-	130	138	151	-
75	1800	MBh	45.84	47.20	51.09	54.83	44.77	46.10	49.90	53.55	43.71	45.00	48.71	52.28	42.64	**43.90**	47.52	51.00	40.51	41.71	45.15	48.45	37.52	38.64	41.82	44.88
		S/T	0.87	0.78	0.59	0.38	0.90	0.80	0.61	0.39	0.92	0.82	0.62	0.40	0.95	**0.85**	0.64	0.41	0.99	0.88	0.67	0.43	1.00	0.89	0.67	0.43
		ΔT	20	19	15	11	21	19	16	11	21	19	16	11	21	**19**	16	11	20	19	15	11	19	18	14	10
		kW	3.18	3.24	3.34	3.44	3.41	3.48	3.59	3.70	3.62	3.69	3.81	3.93	3.80	**3.88**	4.00	4.13	3.95	4.04	4.17	4.30	4.09	4.17	4.31	4.45
		Amps	11.6	11.9	12.3	12.7	12.5	12.8	13.2	13.7	13.6	13.9	14.4	14.9	14.5	**14.9**	15.3	15.9	15.4	15.8	16.3	16.9	16.3	16.7	17.3	17.9
		Hi PR	223	240	254	265	251	270	285	297	285	307	324	338	325	**349**	369	385	365	393	415	433	403	434	458	478
		Lo PR	109	116	127	135	116	123	134	143	120	128	140	149	126	**134**	147	156	132	141	154	164	137	146	159	169
	1600	MBh	44.5	45.8	49.6	53.2	43.5	44.8	48.4	52.0	42.4	43.7	47.3	50.8	41.4	**42.6**	46.1	49.5	39.3	40.5	43.8	47.0	36.4	37.5	40.6	43.6
		S/T	0.83	0.74	0.56	0.36	0.86	0.77	0.58	0.37	0.88	0.79	0.60	0.38	0.91	**0.81**	0.61	0.40	0.94	0.84	0.64	0.41	0.95	0.85	0.64	0.41
		ΔT	21	19	16	11	21	20	16	11	21	20	16	11	22	**20**	16	11	21	20	16	11	20	18	15	10
		kW	3.15	3.21	3.31	3.41	3.38	3.45	3.56	3.67	3.59	3.66	3.78	3.90	3.77	**3.85**	3.97	4.10	3.92	4.01	4.13	4.27	4.05	4.14	4.27	4.41
		Amps	11.5	11.8	12.1	12.6	12.4	12.7	13.1	13.6	13.5	13.8	14.2	14.8	14.4	**14.7**	15.2	15.8	15.3	15.7	16.2	16.8	16.2	16.6	17.1	17.8
		Hi PR	221	238	251	262	248	267	282	294	282	304	321	334	321	**346**	365	381	361	389	411	428	399	430	454	473
		Lo PR	108	115	126	134	114	122	133	142	119	127	138	147	125	**133**	145	155	131	139	152	162	135	144	157	168
	1400	MBh	41.1	42.3	45.8	49.1	40.1	41.3	44.7	48.0	39.2	40.3	43.7	46.8	38.2	**39.3**	42.6	45.7	36.3	37.4	40.5	43.4	33.6	34.6	37.5	40.2
		S/T	0.80	0.71	0.54	0.35	0.83	0.74	0.56	0.36	0.85	0.76	0.57	0.37	0.88	**0.78**	0.59	0.38	0.91	0.81	0.62	0.40	0.92	0.82	0.62	0.40
		ΔT	22	20	16	11	22	20	16	11	22	20	16	11	22	**20**	17	11	22	20	16	11	20	19	15	11
		kW	3.08	3.14	3.24	3.33	3.30	3.37	3.47	3.58	3.50	3.58	3.69	3.80	3.68	**3.76**	3.87	4.00	3.83	3.91	4.03	4.16	3.95	4.04	4.17	4.31
		Amps	11.2	11.5	11.8	12.3	12.1	12.4	12.8	13.2	13.1	13.4	13.9	14.4	14.0	**14.3**	14.8	15.3	14.9	15.2	15.7	16.3	15.7	16.1	16.7	17.3
		Hi PR	214	231	244	254	241	259	273	285	274	294	311	324	312	**335**	354	369	351	377	398	416	387	417	440	459
		Lo PR	105	112	122	130	111	118	129	137	115	123	134	143	121	**129**	141	150	127	135	148	157	131	140	153	163

IDB: Entering Indoor Dry Bulb Temperature

Shaded area is ACCA (TVA) conditions

kW = Total system power

High and low pressures are measured at the liquid and suction service valves.

Amps = outdoor unit amps (comp.+fan)

Expanded Cooling Data — VSX130481B* / CA*F4860*D* (cont.)

			Outdoor Ambient Temperature																							
			65ºF				75ºF				85ºF				95ºF				105ºF				115ºF			
			Entering Indoor Wet Bulb Temperature																							
IDB	Airflow		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
80	1800	MBh	46.66	47.67	50.93	54.45	45.57	46.57	49.75	53.18	44.49	45.46	48.56	51.92	43.40	44.35	47.38	50.65	41.23	42.13	45.01	48.12	38.19	39.03	41.69	44.57
		S/T	0.95	0.89	0.73	0.54	1.00	0.93	0.75	0.56	1.00	0.95	0.77	0.58	1.00	1.00	0.80	0.60	1.00	1.00	0.83	0.62	1.00	1.00	0.83	0.62
		ΔT	23	22	19	15	23	22	19	15	23	22	19	15	22	23	19	15	21	22	19	15	20	20	18	14
		kW	3.20	3.26	3.36	3.47	3.44	3.51	3.62	3.73	3.64	3.72	3.84	3.96	3.83	3.91	4.03	4.17	3.98	4.07	4.20	4.34	4.12	4.21	4.35	4.49
		Amps	11.7	12.0	12.4	12.8	12.6	12.9	13.4	13.8	13.7	14.0	14.5	15.0	14.6	15.0	15.5	16.1	15.6	16.0	16.5	17.1	16.5	16.9	17.5	18.1
		Hi PR	226	243	256	267	253	272	288	300	288	310	327	341	328	353	372	389	369	397	419	437	407	438	463	483
		Lo PR	111	118	128	137	117	124	136	144	121	129	141	150	127	136	148	158	134	142	155	165	138	147	161	171
	1600	MBh	45.3	46.3	49.5	52.9	44.2	45.2	48.3	51.6	43.2	44.1	47.2	50.4	42.1	43.1	**46.0**	49.2	40.0	40.9	43.7	46.7	37.1	37.9	40.5	43.3
		S/T	0.91	0.85	0.69	0.52	0.94	0.88	0.72	0.54	0.96	0.90	0.74	0.55	1.00	0.93	**0.76**	0.57	1.00	0.97	0.79	0.59	1.00	0.98	0.80	0.59
		ΔT	24	23	20	16	24	23	20	16	24	23	20	16	24	23	**20**	16	23	23	20	16	21	21	19	15
		kW	3.18	3.24	3.34	3.44	3.41	3.48	3.59	3.70	3.62	3.69	3.81	3.93	3.80	3.88	**4.00**	4.13	3.95	4.04	4.17	4.30	4.09	4.18	4.31	4.45
		Amps	11.6	11.9	12.3	12.7	12.5	12.8	13.2	13.7	13.6	13.9	14.4	14.9	14.5	14.9	**15.4**	15.9	15.4	15.8	16.3	16.9	16.3	16.7	17.3	17.9
		Hi PR	223	240	254	265	251	270	285	297	285	307	324	338	325	349	**369**	385	365	393	415	433	403	434	458	478
		Lo PR	109	116	127	135	116	123	134	143	120	128	140	149	126	134	**147**	156	132	141	154	164	137	146	159	169
	1400	MBh	41.8	42.7	45.6	48.8	40.8	41.7	44.6	47.7	39.9	40.7	43.5	46.5	38.9	39.7	42.5	45.4	36.9	37.8	40.3	43.1	34.2	35.0	37.4	39.9
		S/T	0.88	0.82	0.67	0.50	0.91	0.85	0.69	0.52	0.93	0.87	0.71	0.53	0.96	0.90	0.73	0.55	1.00	0.93	0.76	0.57	1.00	0.94	0.77	0.57
		ΔT	24	23	20	16	24	23	20	16	24	23	20	16	25	23	20	16	24	23	20	16	23	22	19	15
		kW	3.10	3.17	3.26	3.36	3.33	3.40	3.50	3.61	3.53	3.60	3.72	3.83	3.71	3.79	3.90	4.03	3.86	3.94	4.07	4.20	3.99	4.07	4.20	4.34
		Amps	11.3	11.6	11.9	12.4	12.2	12.5	12.9	13.4	13.2	13.5	14.0	14.5	14.1	14.5	14.9	15.5	15.0	15.4	15.9	16.5	15.9	16.3	16.8	17.5
		Hi PR	217	233	246	257	243	262	276	288	276	297	314	328	315	339	358	373	354	381	402	420	391	421	445	464
		Lo PR	106	113	123	131	112	119	130	139	117	124	135	144	122	130	142	151	128	137	149	159	133	141	154	164
85	1800	MBh	47.47	48.39	50.68	54.07	46.37	47.26	49.50	52.81	45.26	46.14	48.32	51.55	44.16	45.01	47.14	50.29	41.95	42.76	44.79	47.78	38.86	39.61	41.49	44.26
		S/T	1.00	0.96	0.87	0.70	1.00	1.00	0.90	0.73	1.00	1.00	0.92	0.75	1.00	1.00	0.95	0.77	1.00	1.00	0.99	0.80	1.00	1.00	1.00	0.81
		ΔT	24	24	22	19	24	24	23	20	23	24	23	20	23	23	23	20	21	22	23	20	20	20	21	18
		kW	3.22	3.29	3.39	3.49	3.46	3.53	3.64	3.76	3.67	3.75	3.87	3.99	3.86	3.94	4.07	4.20	4.02	4.10	4.24	4.37	4.15	4.24	4.38	4.53
		Amps	11.8	12.1	12.5	12.9	12.7	13.1	13.5	14.0	13.8	14.2	14.6	15.2	14.8	15.1	15.6	16.2	15.7	16.1	16.6	17.3	16.6	17.0	17.6	18.3
		Hi PR	228	245	259	270	256	275	290	303	291	313	330	345	331	356	376	392	372	401	423	441	412	443	468	488
		Lo PR	112	119	130	138	118	125	137	146	123	130	142	152	129	137	150	159	135	144	157	167	140	148	162	173
	1600	MBh	46.1	47.0	49.2	52.5	45.0	45.9	48.1	51.3	43.9	44.8	46.9	50.1	42.9	43.7	45.8	48.8	40.7	41.5	43.5	46.4	37.7	38.5	40.3	43.0
		S/T	0.95	0.92	0.83	0.67	0.99	0.95	0.86	0.70	1.00	0.98	0.88	0.71	1.00	1.00	0.91	0.74	1.00	1.00	0.94	0.77	1.00	1.00	0.95	0.77
		ΔT	25	25	23	20	26	25	24	21	25	25	24	21	25	25	24	21	23	24	24	20	22	22	22	19
		kW	3.20	3.26	3.36	3.47	3.44	3.51	3.62	3.73	3.64	3.72	3.84	3.96	3.83	3.91	4.03	4.17	3.98	4.07	4.20	4.34	4.12	4.21	4.35	4.49
		Amps	11.7	12.0	12.4	12.8	12.6	12.9	13.4	13.8	13.7	14.0	14.5	15.0	14.6	15.0	15.5	16.1	15.6	16.0	16.5	17.1	16.5	16.9	17.5	18.1
		Hi PR	226	243	256	267	253	272	288	300	288	310	327	341	328	353	372	389	369	397	419	437	407	438	463	483
		Lo PR	111	118	128	137	117	124	136	144	121	129	141	150	127	136	148	158	134	142	155	165	138	147	161	171
	1400	MBh	42.5	43.4	45.4	48.5	41.5	42.4	44.4	47.3	40.6	41.3	43.3	46.2	39.6	40.3	42.2	45.1	37.6	38.3	40.1	42.8	34.8	35.5	37.2	39.7
		S/T	0.92	0.89	0.80	0.65	0.95	0.92	0.83	0.67	0.98	0.94	0.85	0.69	1.00	0.97	0.88	0.71	1.00	1.00	0.91	0.74	1.00	1.00	0.92	0.74
		ΔT	26	25	24	21	26	26	24	21	26	26	24	21	26	26	24	21	25	25	24	21	23	23	22	19
		kW	3.13	3.19	3.29	3.39	3.36	3.42	3.53	3.64	3.56	3.63	3.75	3.87	3.74	3.82	3.94	4.06	3.89	3.97	4.10	4.23	4.02	4.11	4.24	4.38
		Amps	11.4	11.7	12.0	12.5	12.3	12.6	13.0	13.5	13.3	13.7	14.1	14.6	14.2	14.6	15.1	15.6	15.1	15.5	16.0	16.6	16.0	16.4	17.0	17.6
		Hi PR	219	235	249	259	245	264	279	291	279	300	317	331	318	342	361	377	358	385	406	424	395	425	449	468
		Lo PR	107	114	125	133	113	121	132	140	118	125	137	146	124	132	144	153	130	138	151	160	134	143	156	166

IDB: Entering Indoor Dry Bulb Temperature

Shaded area is AHRI (TVA) conditions

kW = Total system power

High and low pressures are measured at the liquid and suction service valves.

Amps = outdoor unit amps (comp.+fan)

Expanded Cooling Data — VSX130601B* / CA*T4961*6A*

			Outdoor Ambient Temperature																							
			65ºF				75ºF				85ºF				95ºF				105ºF				115ºF			
			Entering Indoor Wet Bulb Temperature																							
IDB	Airflow		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
70	1500	MBh	50.1	51.9	56.8	-	48.9	50.7	55.5	-	47.7	49.5	54.2	-	46.6	48.3	52.9	-	44.2	45.8	50.2	-	41.0	42.5	46.5	-
		S/T	0.67	0.56	0.39	-	0.69	0.58	0.40	-	0.71	0.59	0.41	-	0.73	0.61	0.42	-	0.76	0.64	0.44	-	0.77	0.64	0.44	-
		ΔT	21	18	13	-	21	18	14	-	21	18	14	-	21	18	14	-	21	18	14	-	19	17	13	-
		kW	3.87	3.95	4.07	-	4.16	4.24	4.38	-	4.41	4.50	4.65	-	4.63	4.73	4.89	-	4.82	4.93	5.09	-	4.99	5.10	5.26	-
		Amps	14.4	14.8	15.3	-	15.6	16.0	16.5	-	17.0	17.4	18.0	-	18.2	18.6	19.2	-	19.3	19.8	20.5	-	20.5	21.0	21.7	-
		Hi PR	229	246	260	-	257	276	292	-	292	314	332	-	333	358	378	-	374	403	425	-	413	445	470	-
		Lo PR	101	108	118	-	107	114	125	-	111	119	129	-	117	125	136	-	123	130	142	-	127	135	147	-
	1750	MBh	54.2	56.2	61.6	-	53.0	54.9	60.1	-	51.7	53.6	58.7	-	50.4	52.3	57.3	-	47.9	49.7	54.4	-	44.4	46.0	50.4	-
		S/T	0.69	0.58	0.40	-	0.72	0.60	0.42	-	0.74	0.62	0.43	-	0.76	0.64	0.44	-	0.79	0.66	0.46	-	0.80	0.66	0.46	-
		Delta T	20	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	19	16	12	-
		KW	3.96	4.04	4.17	-	4.26	4.35	4.48	-	4.52	4.62	4.76	-	4.75	4.85	5.01	-	4.95	5.05	5.22	-	5.12	5.23	5.40	-
		AMPS	14.8	15.2	15.7	-	16.1	16.4	17.0	-	17.5	17.9	18.5	-	18.7	19.1	19.8	-	19.9	20.4	21.1	-	21.1	21.6	22.4	-
		HI PR	236	254	268	-	265	285	301	-	301	324	342	-	343	369	390	-	386	415	438	-	426	459	484	-
		LO PR	105	111	122	-	111	118	128	-	115	122	133	-	121	128	140	-	126	135	147	-	131	139	152	-
	2000	MBh	55.9	57.9	63.4	-	54.6	56.5	62.0	-	53.3	55.2	60.5	-	52.0	53.9	59.0	-	49.4	51.2	56.1	-	45.7	47.4	51.9	-
		S/T	0.73	0.61	0.42	-	0.75	0.63	0.44	-	0.77	0.65	0.45	-	0.80	0.67	0.46	-	0.83	0.69	0.48	-	0.83	0.70	0.48	-
		Delta T	19	16	12	-	19	16	12	-	19	16	12	-	19	16	13	-	19	16	12	-	18	15	12	-
		KW	3.99	4.07	4.20	-	4.29	4.38	4.52	-	4.56	4.65	4.80	-	4.79	4.89	5.05	-	4.99	5.10	5.26	-	5.16	5.27	5.44	-
		AMPS	15.0	15.3	15.8	-	16.2	16.6	17.2	-	17.6	18.1	18.7	-	18.9	19.3	20.0	-	20.1	20.6	21.3	-	21.3	21.8	22.6	-
		HI PR	238	256	271	-	267	288	304	-	304	327	346	-	346	373	394	-	390	419	443	-	430	463	489	-
		LO PR	106	112	123	-	112	119	130	-	116	123	135	-	122	130	142	-	128	136	148	-	132	141	153	-
75	1500	MBh	50.9	52.4	56.7	60.9	49.7	51.2	55.4	59.5	48.5	50.0	54.1	58.1	47.3	**48.8**	52.8	56.6	45.0	46.3	50.1	53.8	41.7	42.9	46.4	49.8
		S/T	0.76	0.68	0.51	0.33	0.79	0.70	0.53	0.34	0.81	0.72	0.55	0.35	0.83	**0.75**	0.56	0.36	0.87	0.77	0.59	0.38	0.87	0.78	0.59	0.38
		ΔT	24	22	18	12	24	22	18	13	24	22	18	13	24	**22**	18	13	24	22	18	12	22	21	17	12
		kW	3.90	3.98	4.10	4.23	4.19	4.28	4.41	4.55	4.45	4.54	4.68	4.84	4.67	**4.77**	4.93	5.09	4.86	4.97	5.13	5.30	5.03	5.14	5.31	5.48
		Amps	14.6	14.9	15.4	16.0	15.8	16.1	16.7	17.3	17.1	17.6	18.1	18.8	18.3	**18.8**	19.4	20.2	19.5	20.0	20.7	21.5	20.7	21.2	21.9	22.8
		Hi PR	231	249	263	274	259	279	295	307	295	317	335	350	336	**362**	382	398	378	407	430	448	418	449	475	495
		Lo PR	103	109	119	127	108	115	126	134	113	120	131	139	118	**126**	137	146	124	132	144	153	128	136	149	159
	1750	MBh	55.1	56.8	61.5	66.0	53.9	55.5	60.0	64.4	52.6	54.1	58.6	62.9	51.3	**52.8**	57.2	61.4	48.7	50.2	54.3	58.3	45.1	46.5	50.3	54.0
		S/T	0.79	0.71	0.53	0.34	0.82	0.73	0.55	0.36	0.84	0.75	0.57	0.36	0.86	**0.77**	0.59	0.38	0.90	0.80	0.61	0.39	0.91	0.81	0.61	0.39
		Delta T	23	21	17	12	23	21	17	12	23	21	17	12	23	**21**	18	12	23	21	17	12	21	20	16	11
		KW	3.99	4.07	4.20	4.33	4.29	4.38	4.52	4.66	4.56	4.65	4.80	4.96	4.79	**4.89**	5.05	5.22	4.99	5.10	5.26	5.44	5.16	5.27	5.44	5.63
		AMPS	15.0	15.3	15.8	16.4	16.2	16.6	17.2	17.8	17.6	18.1	18.7	19.4	18.9	**19.3**	20.0	20.8	20.1	20.6	21.3	22.1	21.3	21.8	22.6	23.5
		HI PR	238	256	271	282	267	288	304	317	304	327	346	360	346	**373**	394	411	390	419	443	462	431	463	489	510
		LO PR	106	112	123	131	112	119	130	138	116	123	135	144	122	**130**	142	151	128	136	148	158	132	141	153	163
	2000	MBh	56.8	58.5	63.3	67.9	55.5	57.1	61.8	66.4	54.2	55.8	60.4	64.8	52.8	**54.4**	58.9	63.2	50.2	51.7	55.9	60.0	46.5	47.9	51.8	55.6
		S/T	0.83	0.74	0.56	0.36	0.86	0.77	0.58	0.37	0.88	0.79	0.59	0.38	0.91	**0.81**	0.61	0.39	0.94	0.84	0.64	0.41	0.95	0.85	0.64	0.41
		Delta T	22	20	16	11	22	20	16	11	22	20	16	11	22	**20**	17	11	22	20	16	11	20	19	15	11
		KW	4.02	4.11	4.23	4.37	4.33	4.42	4.56	4.70	4.59	4.69	4.84	5.00	4.83	**4.93**	5.09	5.26	5.03	5.14	5.31	5.48	5.20	5.32	5.49	5.67
		AMPS	15.1	15.5	16.0	16.6	16.4	16.8	17.3	18.0	17.8	18.2	18.8	19.6	19.0	**19.5**	20.2	20.9	20.3	20.8	21.5	22.3	21.5	22.0	22.8	23.7
		HI PR	241	259	274	285	270	291	307	320	307	331	349	364	350	**376**	398	415	394	424	447	466	435	468	494	515
		LO PR	107	114	124	132	113	120	131	139	117	125	136	145	123	**131**	143	152	129	137	150	160	133	142	155	165

IDB: Entering Indoor Dry Bulb Temperature

Shaded area is ACCA (TVA) conditions

kW = Total system power

High and low pressures are measured at the liquid and suction service valves.

Amps = outdoor unit amps (comp.+fan)

Expanded Cooling Data — VSX130601B* / CA*F4961*6A* (cont.)

			Outdoor Ambient Temperature																							
			65ºF				75ºF				85ºF				95ºF				105ºF				115ºF			
			Entering Indoor Wet Bulb Temperature																							
IDB	Airflow		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
80	1500	MBh	51.8	52.9	56.6	60.5	50.6	51.7	55.2	59.1	49.4	50.5	53.9	57.6	48.2	49.2	52.6	56.2	45.8	46.8	50.0	53.4	42.4	43.3	46.3	49.5
		S/T	0.83	0.78	0.64	0.48	0.86	0.81	0.66	0.49	0.89	0.83	0.68	0.51	0.91	0.86	0.70	0.52	0.95	0.89	0.72	0.54	0.96	0.90	0.73	0.55
		ΔT	26	25	22	18	27	26	22	18	27	26	22	18	27	26	23	18	27	26	22	18	25	24	21	17
		kW	3.93	4.01	4.13	4.26	4.22	4.31	4.45	4.59	4.48	4.58	4.72	4.88	4.71	4.81	4.97	5.13	4.90	5.01	5.17	5.34	5.07	5.18	5.35	5.53
		Amps	14.7	15.1	15.6	16.1	15.9	16.3	16.8	17.5	17.3	17.7	18.3	19.0	18.5	19.0	19.6	20.4	19.7	20.2	20.9	21.7	20.9	21.4	22.2	23.0
		Hi PR	234	251	265	277	262	282	298	311	298	321	339	353	339	365	386	402	382	411	434	453	422	454	479	500
		Lo PR	104	110	120	128	109	116	127	135	114	121	132	141	119	127	139	148	125	133	145	155	129	138	150	160
	1750	MBh	56.1	57.4	61.3	65.5	54.8	56.0	59.9	64.0	53.5	54.7	58.4	62.5	52.2	53.4	**57.0**	60.9	49.6	50.7	54.2	57.9	45.9	46.9	50.2	53.6
		S/T	0.86	0.81	0.66	0.49	0.90	0.84	0.68	0.51	0.92	0.86	0.70	0.52	0.95	0.89	**0.72**	0.54	0.98	0.92	0.75	0.56	0.99	0.93	0.76	0.57
		Delta T	25	24	21	17	26	25	22	17	26	25	22	17	26	25	**22**	17	26	25	21	17	24	23	20	16
		KW	4.02	4.11	4.23	4.37	4.33	4.42	4.56	4.70	4.59	4.69	4.84	5.00	4.83	4.93	**5.09**	5.26	5.03	5.14	5.31	5.48	5.20	5.32	5.49	5.67
		AMPS	15.1	15.5	16.0	16.6	16.4	16.8	17.3	18.0	17.8	18.2	18.8	19.6	19.0	19.5	**20.2**	20.9	20.3	20.8	21.5	22.3	21.5	22.0	22.8	23.7
		HI PR	241	259	274	285	270	291	307	320	307	331	349	364	350	377	**398**	415	394	424	447	467	435	468	494	515
		LO PR	107	114	124	132	113	120	131	140	117	125	136	145	123	131	**143**	152	129	137	150	160	133	142	155	165
	2000	MBh	57.8	59.1	63.1	67.5	56.5	57.7	61.6	65.9	55.1	56.3	60.2	64.3	53.8	55.0	58.7	62.8	51.1	52.2	55.8	59.6	47.3	48.4	51.7	55.2
		S/T	0.91	0.85	0.69	0.52	0.94	0.88	0.72	0.54	0.96	0.90	0.74	0.55	1.00	0.93	0.76	0.57	1.00	0.97	0.79	0.59	1.00	1.00	0.79	0.59
		Delta T	24	23	20	16	24	23	20	16	24	23	20	16	25	24	20	16	23	23	20	16	22	22	19	15
		KW	4.05	4.14	4.27	4.40	4.36	4.45	4.59	4.74	4.63	4.73	4.88	5.04	4.87	4.97	5.13	5.30	5.07	5.18	5.35	5.53	5.24	5.36	5.54	5.72
		AMPS	15.2	15.6	16.1	16.7	16.5	16.9	17.5	18.1	18.0	18.4	19.0	19.8	19.2	19.7	20.4	21.1	20.5	21.0	21.7	22.5	21.7	22.3	23.0	23.9
		HI PR	243	262	276	288	273	294	310	323	310	334	353	368	353	380	402	419	398	428	452	471	439	473	499	521
		LO PR	108	115	125	133	114	121	132	141	118	126	137	146	124	132	144	154	130	139	151	161	135	143	157	167
85	1500	MBh	52.7	53.7	56.3	60.0	51.5	52.5	55.0	58.6	50.3	51.2	53.7	57.2	49.0	50.0	52.3	55.8	46.6	47.5	49.7	53.1	43.1	44.0	46.1	49.1
		S/T	0.87	0.84	0.76	0.62	0.91	0.87	0.79	0.64	0.93	0.90	0.81	0.66	0.96	0.93	0.83	0.68	1.00	0.96	0.87	0.70	1.00	0.97	0.87	0.71
		ΔT	28	28	26	23	29	28	27	23	29	28	27	23	29	28	27	23	28	28	26	23	26	26	25	21
		kW	3.96	4.04	4.17	4.30	4.26	4.35	4.48	4.62	4.52	4.61	4.76	4.92	4.75	4.85	5.01	5.17	4.94	5.05	5.22	5.39	5.11	5.23	5.40	5.58
		Amps	14.8	15.2	15.7	16.3	16.0	16.4	17.0	17.6	17.5	17.9	18.5	19.2	18.7	19.1	19.8	20.5	19.9	20.4	21.1	21.9	21.1	21.6	22.4	23.2
		Hi PR	236	254	268	280	265	285	301	314	301	324	342	357	343	369	390	406	386	415	438	457	426	459	484	505
		Lo PR	105	111	121	129	110	118	128	137	115	122	133	142	121	128	140	149	126	134	147	156	131	139	152	162
	1750	MBh	57.1	58.2	61.0	65.0	55.8	56.9	59.6	63.5	54.5	55.5	58.1	62.0	53.1	54.2	56.7	60.5	50.5	51.4	53.9	57.5	46.7	47.7	49.9	53.2
		S/T	0.91	0.87	0.79	0.64	0.94	0.91	0.82	0.66	0.96	0.93	0.84	0.68	0.99	0.96	0.87	0.70	1.00	1.00	0.90	0.73	1.00	1.00	0.91	0.74
		Delta T	27	27	25	22	28	27	26	22	28	27	26	22	28	27	26	22	27	27	25	22	25	25	24	21
		KW	4.05	4.14	4.27	4.40	4.36	4.45	4.59	4.74	4.63	4.73	4.88	5.04	4.87	4.97	5.13	5.30	5.07	5.18	5.35	5.53	5.24	5.36	5.54	5.72
		AMPS	15.2	15.6	16.1	16.7	16.5	16.9	17.5	18.1	18.0	18.4	19.0	19.8	19.2	19.7	20.4	21.1	20.5	21.0	21.7	22.5	21.7	22.3	23.0	23.9
		HI PR	243	262	276	288	273	294	310	323	310	334	353	368	353	380	402	419	398	428	452	471	439	473	499	521
		LO PR	108	115	125	133	114	121	132	141	118	126	137	146	124	132	144	154	130	139	151	161	135	143	157	167
	2000	MBh	58.8	60.0	62.8	67.0	57.5	58.6	61.3	65.4	56.1	57.2	59.9	63.9	54.7	55.8	58.4	62.3	52.0	53.0	55.5	59.2	48.2	49.1	51.4	54.8
		S/T	0.95	0.92	0.83	0.67	0.99	0.95	0.86	0.70	1.00	0.97	0.88	0.71	1.00	1.00	0.91	0.74	1.00	1.00	0.94	0.76	1.00	1.00	0.95	0.77
		Delta T	26	25	24	21	26	26	24	21	26	26	24	21	25	26	24	21	24	24	24	21	22	23	22	19
		KW	4.09	4.17	4.30	4.44	4.39	4.49	4.63	4.78	4.67	4.77	4.92	5.08	4.91	5.01	5.18	5.35	5.11	5.22	5.39	5.57	5.29	5.40	5.58	5.77
		AMPS	15.4	15.8	16.3	16.9	16.7	17.1	17.6	18.3	18.1	18.6	19.2	19.9	19.4	19.9	20.6	21.3	20.7	21.2	21.9	22.7	21.9	22.5	23.2	24.1
		HI PR	246	264	279	291	276	297	313	327	313	337	356	371	357	384	406	423	402	432	456	476	444	477	504	526
		LO PR	109	116	126	135	115	122	134	142	120	127	139	148	126	134	146	155	132	140	153	163	136	145	158	168

IDB: Entering Indoor Dry Bulb Temperature

Shaded area is AHRI (TVA) conditions

kW = Total system power

High and low pressures are measured at the liquid and suction service valves.

Amps = outdoor unit amps (comp.+fan)

AHRI Ratings

Outdoor Unit	Indoor Units		Cooling Capacity (BTU/h)				AHRI #
	Coils /Air Handlers	Furnaces	Total	Sensible	SEER[1]	EER[2]	
VSX13 0181D*	ACNF18XX16D*		16,800	12,800	13.00	11.00	4717858
	ADPF182416C*		17,800	13,500	13.00	11.00	4717860
	AEPF183016C*		17,800	13,500	14.00	11.50	4717861
	AR*F182416C*		17,800	13,500	13.00	11.00	4717863
	ASPF183016C*		18,800	14,300	14.00	11.50	4717865
	ASPF183016D*		18,800	14,300	14.00	11.50	4717866
	ASPF183016E*		18,800	14,300	14.00	11.50	4717867
	AVPTC183014A*		17,800	13,500	14.00	11.50	4717868
	AWUF18XX16B*		17,200	13,100	13.00	11.00	4717869
	AWUF31XX16A*		17,200	13,100	14.00	11.30	4717870
	CA*F1824*6D*	G*VM960603BXA*	17,800	13,500	14.00	11.50	4717877
	CA*F1824*6D*	G*VC80704BXA*	17,800	13,500	14.00	11.50	4717875
	CA*F1824*6D*	G*E80703B***	17,800	13,500	14.00	11.50	4717874
	CA*F1824*6D*	G*VC80604B*A*	17,700	13,500	14.00	11.50	4887053
	CA*F1824*6D*	G*E80603B*A*	17,800	13,500	14.00	11.50	4887559
	CA*F1824*6D*	A*VC80604B*A*	17,700	13,500	14.00	11.50	4887057
	CA*F1824*6D*	G*VC950453BXA*	17,800	13,500	14.00	11.50	4717876
	CA*F1824*6D*+EEP		17,800	13,500	13.00	11.00	4717878
	CA*F1824*6D*+MBVC1200**-1A*		18,200	13,800	14.00	11.50	4717879
	CHPF1824A6C*+EEP		17,800	13,500	13.00	11.00	4717880
	CHPF2430B6C*	G*VC950453B***	18,200	13,800	14.00	11.50	4717883
	CHPF2430B6C*	G*VM960603BXA*	18,200	13,800	14.00	11.50	4717884
	CHPF2430B6C*	A*VC80604B*A*	17,700	13,500	14.00	11.50	4887058
	CHPF2430B6C*	G*E80703B***	18,200	13,800	14.00	11.50	4717881
	CHPF2430B6C*	G*VC80704B***	18,200	13,800	14.00	11.50	4717882
	CHPF2430B6C*	G*E80603B*A*	18,000	13,700	14.00	11.50	4887054
	CHPF2430B6C*	G*VC80604B*A*	17,700	13,500	14.00	11.50	4887055
	CHPF2430B6C*+EEP		17,800	13,500	13.00	11.00	4717885
	CHPF2430B6C*+MBVC1200**-1A*		18,200	13,800	14.00	11.50	4717886
VSX13 0181E*	ACNF18XX16D*		16,800	12,500	13.00	10.80	5039764
	ACNF24XX16D*		17,000	12,700	13.00	10.80	5039765
	ADPF182416C*		17,800	13,300	13.00	11.00	5039766
	AR*F182416C*		17,800	13,300	13.00	11.00	5039767
	ASPF183016E*		18,800	14,200	14.00	11.50	5039768
	AVPTC183014A*		17,800	13,200	14.00	11.50	5039769
	AWUF18XX16B*		17,200	12,800	13.00	11.00	5039770
	AWUF31XX16A*		17,200	12,700	14.00	11.30	5039771
	CA*F1824*6D*	G*VC80704BXA*	18,000	13,800	14.00	11.50	5039773
	CA*F1824*6D*	G*VC950453BXA*	17,800	13,600	14.00	11.50	5039780
	CA*F1824*6D*	G*VC80604B*B*	18,000	13,800	14.00	11.50	5039776
	CA*F1824*6D*	G*VC80604B*A*	18,000	13,800	14.00	11.50	5039777
	CA*F1824*6D*	G*VM960603BXA*	18,000	13,900	14.00	11.50	5039774
	CA*F1824*6D*	A*VC80604B*B*	18,000	13,800	14.00	11.50	5039775
	CA*F1824*6D*	G*E80603B*B*	17,800	13,700	14.00	11.50	5039772
	CA*F1824*6D*	A*VC80604B*A*	18,000	13,800	14.00	11.50	5039778
	CA*F1824*6D*	G*E80603B*A*	17,800	13,700	14.00	11.50	5039779
	CA*F1824*6D*+EEP		17,800	13,500	13.00	11.00	5039781
	CA*F1824*6D*+MBVC1200**-1A*		18,200	13,800	14.00	11.50	5039782
	CHPF1824A6C*+EEP		17,800	13,600	13.00	11.00	5039783

See Notes on Page 21.

AHRI Ratings (cont.)

Outdoor Unit	Indoor Units		Cooling Capacity (BTU/h)				AHRI #
	COILS /Air Handlers	Furnaces	Total	Sensible	SEER[1]	EER[2]	
VSX13 0181E* (cont.)	CHPF2430B6C*	G*VC950453BXA*	18,200	13,900	14.00	11.50	5039784
	CHPF2430B6C*	A*VC80604B*A*	17,700	13,700	14.00	11.50	5039802
	CHPF2430B6C*	G*VC80604B*A*	17,700	13,700	14.00	11.50	5039805
	CHPF2430B6C*	G*VC80704BXA*	18,200	13,700	14.00	11.50	5039787
	CHPF2430B6C*	A*VC80604B*B*	17,700	13,700	14.00	11.50	5039804
	CHPF2430B6C*	G*E80603B*A*	18,000	13,800	14.00	11.50	5039785
	CHPF2430B6C*	G*E80603B*B*	18,000	13,800	14.00	11.50	5039786
	CHPF2430B6C*	G*VC80604B*B*	17,700	13,700	14.00	11.50	5039803
	CHPF2430B6C*	G*VM960603BXA*	18,200	13,900	14.00	11.50	5039788
	CHPF2430B6C*+EEP		17,800	13,500	13.00	11.00	5039789
	CHPF2430B6C*+MBVC1200**-1A*		18,200	13,800	14.00	11.50	5039790
	CSCF1824N6D*	G*VM960603BXA*	18,200	14,100	14.00	11.50	5039793
	CSCF1824N6D*	A*VC80604B*B*	17,700	13,700	14.00	11.50	5039806
	CSCF1824N6D*	G*E80603B*B*	18,000	14,000	14.00	11.50	5039807
	CSCF1824N6D*	G*VC950453BXA*	18,200	14,100	14.00	11.50	5039808
	CSCF1824N6D*	G*VC80604B*B*	17,700	13,700	14.00	11.50	5039792
	CSCF1824N6D*	A*VC80604B*A*	17,700	13,700	14.00	11.50	5039791
	CSCF1824N6D*+EEP		17,800	13,700	13.00	11.00	5039794
VSX13 0241D*	ACNF24XX16D*		22,400	17,200	13.00	11.00	4717893
	ADPF182416C*		23,000	17,700	13.00	11.00	4717895
	AEPF183016C*		23,400	18,000	14.00	11.50	4717896
	AR*F182416C*		23,000	17,700	13.00	11.00	4717898
	ASPF183016C*		23,400	18,000	14.00	11.50	4717900
	ASPF183016D*		23,400	18,000	14.00	11.50	4717901
	ASPF183016E*		23,400	18,000	14.00	11.50	4717902
	AVPTC183014A*		23,400	18,000	14.00	11.50	4717903
	AWUF24XX16B*		23,000	17,700	13.00	11.00	4717904
	AWUF30XX16B*		23,200	17,900	13.00	11.00	4717905
	AWUF31XX16A*		23,000	17,700	14.00	11.30	4717906
	AWUF32XX16A*		23,000	17,700	14.00	11.30	4717907
	CA*F1824*6D*	G*VC950453BXA*	23,000	17,700	14.00	11.50	4717914
	CA*F1824*6D*	G*VM960603BXA*	23,000	17,700	14.00	11.50	4717916
	CA*F1824*6D*	G*E80603B*A*	23,000	17,700	14.00	11.50	4887562
	CA*F1824*6D*	G*VC950704CXA*	23,000	17,700	14.00	11.50	4717915
	CA*F1824*6D*	G*E80703B**	23,000	17,700	14.00	11.50	4717913
	CA*F1824*6D*+EEP		23,000	17,700	13.00	11.00	4717917
	CA*F1824*6D*+MBVC1200**-1A*		23,000	17,700	14.00	11.50	4717918
	CHPF1824A6C*+EEP		23,000	17,700	13.00	11.00	4717919
	CHPF2430B6C*	G*VC950453BXA*	23,400	18,000	14.00	11.50	4717921
	CHPF2430B6C*	G*E80603B*A*	23,000	17,700	14.00	11.50	4887563
	CHPF2430B6C*	G*VM960603BXA*	23,400	18,000	14.00	11.50	4717922
	CHPF2430B6C*	G*E80703B**	23,400	18,000	14.00	11.50	4717920
	CHPF2430B6C*+EEP		23,000	17,700	13.00	11.00	4717923
	CHPF2430B6C*+MBVC1200**-1A*		23,400	18,000	14.00	11.50	4717924

[1] Seasonal Energy Efficiency Ratio; Certified per AHRI 210/240 @ 80°F/ 67°F/ 95°F [2] Energy Efficiency Ratio @ 80°F/ 67°F/ 95°F

Notes:

- Always check the S&R plate for electrical data on the unit being installed.
- When matching the outdoor unit to the indoor unit, use the piston supplied with the outdoor unit or that specified on the piston kit chart supplied with the indoor unit.
- EEP - Order from Service Dept. Part No. B13707-38 or new Solid State Board B13707-35S. Part No. B13707-38 is not interchangeable with B13707-35S. The Goodman Gas Furnace contains the EEP cooling time delay

AHRI Ratings (cont.)

Outdoor Unit	Indoor Units		Cooling Capacity (BTU/h)				AHRI #
	COILS /Air Handlers	Furnaces	Total	Sensible	SEER[1]	EER[2]	
VSX13 0301D*	ACNF30XX16D*		27,600	21,800	13.00	11.00	4717934
	ADPF304216C*		28,400	22,400	13.00	11.00	4717936
	AEPF183016C*		28,400	22,400	14.00	11.50	4717937
	AR*F182416C*+TXV		27,400	21,600	13.00	11.00	4717939
	AR*F303016C*		28,400	22,400	13.00	11.00	4717941
	ASPF183016C*		28,400	22,400	14.00	11.50	4717943
	ASPF183016D*		28,400	22,400	14.00	11.50	4717944
	ASPF183016E*		28,400	22,400	14.00	11.50	4717945
	AVPTC183014A*		28,400	22,400	14.00	11.50	4717946
	AWUF30XX16B*		27,600	21,800	13.00	11.00	4717947
	AWUF36XX16B*		27,800	22,000	13.00	11.00	4717948
	AWUF37XX16B*		28,000	22,100	13.00	11.00	4717949
	CA*F3030*6D*	A*VC950714CXA*	28,400	22,400	14.00	11.50	4717950
	CA*F3030*6D*	G*VC950453BXA*	28,400	22,400	14.00	11.50	4717954
	CA*F3030*6D*	G*VC90704CXA*	28,400	22,400	14.00	11.50	4717953
	CA*F3030*6D*	G*VC950714CXA*	28,400	22,400	14.00	11.50	4717956
	CA*F3030*6D*	G*E80603B*A*	28,000	22,100	13.00	11.00	4887565
	CA*F3030*6D*	G*E80703B**	28,400	22,400	13.00	11.30	4717952
	CA*F3030*6D*	G*VM960603BXA*	28,400	22,400	14.00	11.50	4717957
	CA*F3030*6D*	A*VM960604CXA*	28,400	22,400	14.00	11.50	4717951
	CA*F3030*6D*	G*VC950704CXA*	28,400	22,400	14.00	11.50	4717955
	CA*F3030*6D*	G*VM960604CXA*	28,400	22,400	14.00	11.50	4717958
	CA*F3030*6D*+EEP		28,000	22,100	13.00	10.80	4717959
	CA*F3131*6D*	A*VC950714CXA*	28,600	22,600	14.00	11.50	4717960
	CA*F3131*6D*	G*VC90704CXA*	28,600	22,600	14.00	11.50	4717963
	CA*F3131*6D*	A*VM960604CXA*	28,600	22,600	14.00	11.50	4717961
	CA*F3131*6D*	G*E80703B**	28,600	22,600	14.00	11.50	4717962
	CA*F3131*6D*	G*VC950453BXA*	28,600	22,600	14.00	11.50	4717964
	CA*F3131*6D*	G*VC950704CXA*	28,400	22,400	14.00	11.50	4717965
	CA*F3131*6D*	G*VC950714CXA*	28,600	22,600	14.00	11.50	4717966
	CA*F3131*6D*	G*E80603B*A*	28,000	22,100	13.50	11.50	4887566
	CA*F3131*6D*	G*VM960603BXA*	28,600	22,600	14.00	11.50	4717967
	CA*F3131*6D*	G*VM960604CXA*	28,600	22,600	14.00	11.50	4717968
	CA*F3131*6D*+EEP		28,600	22,600	13.00	11.00	4717969
	CA*F3131*6D*+MBVC1200**-1A*		28,400	22,400	14.00	11.50	4717970
	CHPF2430B6C*	G*E80703B**	28,400	22,400	14.00	11.50	4717972
	CHPF2430B6C*	A*VM960604CXA*	28,400	22,400	14.00	11.50	4717971
	CHPF2430B6C*	G*VM960603BXA*	28,400	22,400	14.00	11.50	4717974
	CHPF2430B6C*	G*VC950453BXA*	28,400	22,400	14.00	11.50	4717973
	CHPF2430B6C*	G*E80603B*A*	28,000	22,100	13.50	11.50	4887567
	CHPF2430B6C*	G*VM960604CXA*	28,400	22,400	14.00	11.50	4717975
	CHPF2430B6C*+EEP		28,400	22,400	13.00	11.00	4717976
	CHPF2430B6C*+MBVC1200**-1A*		28,400	22,400	14.00	11.50	4717977

See Notes on Page 27.

AHRI Ratings (cont.)

Outdoor Unit	Indoor Units		Cooling Capacity (BTU/h)				AHRI #
	Coils /Air Handlers	Furnaces	Total	Sensible	SEER[1]	EER[2]	
VSX13 0361D*	ADPF304216C*		33,600	25,900	13.00	11.00	4717988
	AEPF313716A*		33,600	25,900	14.00	11.50	4717989
	AR*F363616C*		33,000	25,400	13.00	11.00	4717991
	AR*F364216C*		33,600	25,900	13.00	11.00	4717993
	ASPF313716D*		33,600	25,900	14.00	11.50	4717995
	ASPF313716E*		33,600	25,900	14.00	11.50	4717996
	AVPTC313714A*		33,600	25,900	14.00	11.50	4717997
	AWUF36XX16B*		33,400	25,700	13.00	11.00	4717998
	AWUF37XX16B*		33,600	25,900	13.00	11.00	4717999
	CA*F3636*6D*	A*VC950714CXA*	33,600	25,900	13.50	11.30	4718000
	CA*F3636*6D*	A*VC950915DXA*	33,600	25,900	13.50	11.30	4718001
	CA*F3636*6D*	A*VM960604CXA*	33,600	25,900	13.50	11.30	4718002
	CA*F3636*6D*	G*E80905C**	33,600	25,900	13.50	11.30	4718004
	CA*F3636*6D*	G*VM960805DXA*	33,600	25,900	13.50	11.30	4718012
	CA*F3636*6D*	G*E80805C*A*	33,600	25,900	13.50	11.30	4870257
	CA*F3636*6D*	G*E80703B**	33,600	25,900	13.50	11.30	4718003
	CA*F3636*6D*	G*VC950714CXA*	33,600	25,900	13.50	11.30	4718005
	CA*F3636*6D*	G*VC950905CXA*	33,600	25,900	13.50	11.30	4718006
	CA*F3636*6D*	G*VC951155DXA*	33,600	25,900	13.50	11.30	4718009
	CA*F3636*6D*	G*VM960604CXA*	33,600	25,900	13.50	11.30	4718010
	CA*F3636*6D*	G*VC950905DXA*	33,600	25,900	13.50	11.30	4718007
	CA*F3636*6D*	G*VC950915DXA*	33,600	25,900	13.50	11.30	4718008
	CA*F3636*6D*	G*VM961155DXA*	33,600	25,900	13.50	11.30	4718014
	CA*F3636*6D*	G*E80603B*A*	33,600	25,900	13.50	11.30	4870256
	CA*F3636*6D*	G*VM960805CXA*	33,600	25,900	13.50	11.30	4718011
	CA*F3636*6D*	G*VM961005DXA*	33,600	25,900	13.50	11.30	4718013
	CA*F3636*6D*+EEP		33,600	25,900	13.00	11.00	4718016
	CA*F3642*6D*	G*VC950905DXA*	34,000	26,200	14.00	11.50	4718037
	CA*F3642*6D*	G*VC951155DXA*	34,000	26,200	14.00	11.50	4718039
	CA*F3642*6D*	A*VM960604CXA*	34,000	26,200	14.00	11.50	4718032
	CA*F3642*6D*	G*VC950905CXA*	34,000	26,200	14.00	11.50	4718036
	CA*F3642*6D*	G*E80703B**	34,000	26,200	14.00	11.50	4718033
	CA*F3642*6D*	G*E80905C**	34,000	26,200	14.00	11.50	4718034
	CA*F3642*6D*	G*VM960805DXA*	34,000	26,200	14.00	11.50	4718042
	CA*F3642*6D*	G*E80805C*A*	34,000	26,200	13.50	11.30	4870259
	CA*F3642*6D*	G*E80603B*A*	34,000	26,200	13.50	11.30	4887570
	CA*F3642*6D*	A*VC950714CXA*	34,000	26,200	14.00	11.50	4718030
	CA*F3642*6D*	A*VC950915DXA*	34,000	26,200	14.00	11.50	4718031
	CA*F3642*6D*	G*VC950714CXA*	34,000	26,200	14.00	11.50	4718035
	CA*F3642*6D*	G*VM961005DXA*	34,000	26,200	14.00	11.50	4718043
	CA*F3642*6D*	G*VC950915DXA*	34,000	26,200	14.00	11.50	4718038
	CA*F3642*6D*	G*VM960805CXA*	34,000	26,200	14.00	11.50	4718041
	CA*F3642*6D*	G*VM961155DXA*	34,000	26,200	14.00	11.50	4718044
	CA*F3642*6D*	G*VM960604CXA*	34,000	26,200	14.00	11.50	4718040
	CA*F3642*6D*+MBVC1600**-1A*		34,000	26,200	14.00	11.50	4718045
	CA*F3743*6D*	G*VM960805CXA*	34,000	26,200	14.00	11.50	4718057
	CA*F3743*6D*	A*VC950714CXA*	34,000	26,200	14.00	11.50	4718046
	CA*F3743*6D*	A*VM960604CXA*	34,000	26,200	14.00	11.50	4718048
	CA*F3743*6D*	G*E80805C*A*	34,000	26,200	13.50	11.30	4870260

See Notes on Page 27.

AHRI Ratings (cont.)

Outdoor Unit	Indoor Units		Cooling Capacity (BTU/h)				AHRI #
	Coils /Air Handlers	Furnaces	Total	Sensible	SEER[1]	EER[2]	
VSX13 0361D* (cont.)	CA*F3743*6D*	G*VC950714CXA*	34,000	26,200	14.00	11.50	4718051
	CA*F3743*6D*	G*VM960604CXA*	34,000	26,200	14.00	11.50	4718056
	CA*F3743*6D*	G*E80703B**	34,000	26,200	14.00	11.50	4718049
	CA*F3743*6D*	G*E80905C**	34,000	26,200	14.00	11.50	4718050
	CA*F3743*6D*	G*VC950905DXA*	34,000	26,200	14.00	11.50	4718053
	CA*F3743*6D*	G*VM960805DXA*	34,000	26,200	14.00	11.50	4718058
	CA*F3743*6D*	G*VC950905CXA*	34,000	26,200	14.00	11.50	4718052
	CA*F3743*6D*	G*VC950915DXA*	34,000	26,200	14.00	11.50	4718054
	CA*F3743*6D*	G*VC951155DXA*	34,000	26,200	14.00	11.50	4718055
	CA*F3743*6D*	G*E80603B*A*	34,000	26,200	13.50	11.30	4887571
	CA*F3743*6D*	A*VC950915DXA*	34,000	26,200	14.00	11.50	4718047
	CA*F3743*6D*	G*VM961005DXA*	34,000	26,200	14.00	11.50	4718059
	CA*F3743*6D*	G*VM961155DXA*	34,000	26,200	14.00	11.50	4718060
	CA*F3743*6D*+MBVC1600**-1A*		34,000	26,200	14.00	11.50	4718061
	CHPF3636B6C*	G*E80703B**	33,600	25,900	13.50	11.30	4718062
	CHPF3636B6C*	G*E80603B*A*	33,600	25,900	13.50	11.30	4870261
	CHPF3636B6C*+EEP		34,000	26,200	13.00	11.00	4718063
	CHPF3642C6C*	G*E80905C**	33,600	25,900	14.00	11.50	4718064
	CHPF3642C6C*	G*E80805C*A*	33,600	25,900	13.50	11.30	4870262
	CHPF3642C6C*+EEP		34,000	26,200	13.00	11.00	4718065
	CHPF3642C6C*+MBVC1600**-1A*		34,000	26,200	14.00	11.50	4718066
	CHPF3642D6C*	G*VC950905DXA*	33,600	25,900	14.00	11.50	4718074
	CHPF3642D6C*	G*VM960805DXA*	33,600	25,900	14.00	11.50	4718079
	CHPF3642D6C*	A*VC950714CXA*	33,600	25,900	14.00	11.50	4718069
	CHPF3642D6C*	G*VC950714CXA*	33,600	25,900	14.00	11.50	4718072
	CHPF3642D6C*	G*VC950905CXA*	33,600	25,900	14.00	11.50	4718073
	CHPF3642D6C*	G*VC950915DXA*	33,600	25,900	14.00	11.50	4718075
	CHPF3642D6C*	G*VC951155DXA*	33,600	25,900	14.00	11.50	4718076
	CHPF3642D6C*	G*VM960604CXA*	33,600	25,900	14.00	11.50	4718077
	CHPF3642D6C*	G*VM961155DXA*	33,600	25,900	14.00	11.50	4718081
	CHPF3642D6C*	A*VC950915DXA*	33,600	25,900	14.00	11.50	4718070
	CHPF3642D6C*	A*VM960604CXA*	33,600	25,900	14.00	11.50	4718071
	CHPF3642D6C*	G*VM960805CXA*	33,600	25,900	14.00	11.50	4718078
	CHPF3642D6C*	G*VM961005DXA*	33,600	25,900	14.00	11.50	4718080
	CHPF3642D6C*+EEP		34,000	26,200	13.00	11.00	4718082
VSX13 0421B*	ADPF304216C*		40,000	30,000	13.00	11.00	4291483
	AEPF426016C*		41,000	30,800	14.00	11.50	4291484
	AR*F364216C*		40,000	30,000	13.00	11.00	4291485
	AVPTC426014A*		41,000	30,800	14.00	11.50	4431265
	CA*F3642*6D*	G*E80905C**	40,000	30,000	13.50	11.30	4291487
	CA*F3642*6D*	G*E80805C*A*	40,000	30,000	13.00	11.30	4870264
	CA*F3642*6D*+EEP		40,000	30,000	13.00	11.00	4291482
	CA*F3743*6D*	G*E80905C**	40,000	30,000	13.50	11.30	4415180
	CA*F3743*6D*	G*E80805C*A*	40,000	30,000	13.00	11.30	4870266
	CA*F3743*6D*+EEP		40,000	30,000	13.00	11.00	4415181
	CA*F4860*6D*	G*E80905C**	41,000	30,800	14.00	11.50	4291491
	CA*F4860*6D*	G*VC950905DXA*	41,000	30,800	14.00	11.50	4291492
	CA*F4860*6D*	G*VC951155DXA*	41,000	30,800	14.00	11.50	4291493
	CA*F4860*6D*	G*VM961005DXA*	41,000	30,800	14.00	11.50	4652933

See Notes on Page 27.

AHRI RATINGS (CONT.)

OUTDOOR UNIT	INDOOR UNITS		COOLING CAPACITY (BTU/H)				AHRI #
	COILS /AIR HANDLERS	FURNACES	TOTAL	SENSIBLE	SEER[1]	EER[2]	
VSX13 0421B* (cont.)	CA*F4860*6D*	GME951005DXA*	40,500	30,400	13.50	11.00	4703540
	CA*F4860*6D*	G*VM961155DXA*	41,000	30,800	14.00	11.50	4652924
	CA*F4860*6D*	G*E80805C*A*	41,000	30,800	13.50	11.50	4870267
	CA*F4860*6D*+EEP		41,000	30,800	13.00	11.00	4291490
	CA*F4860*6D*+MBVC1600**-1A*		41,000	30,800	14.00	11.50	4291494
	CHPF3642D6C*	G*VC91155DXA*	40,000	30,000	13.50	11.30	4291495
	CHPF3642D6C*	G*VC950905DXA*	40,000	30,000	13.50	11.30	4291496
	CHPF3642D6C*+EEP		40,000	30,000	13.00	11.00	4291497
	CHPF4860D6D*	G*VC951155DXA*	41,000	30,800	14.00	11.50	4291500
	CHPF4860D6D*	G*VM961155DXA*	41,000	30,800	14.00	11.50	4652927
	CHPF4860D6D*	G*E80805C*A*	41,000	30,800	13.50	11.50	4870268
	CHPF4860D6D*	G*E80905C**	41,000	30,800	14.00	11.50	4291498
	CHPF4860D6D*	G*VM961005DXA*	41,000	30,800	14.00	11.50	4652936
	CHPF4860D6D*	GME951005DXA*	40,500	30,400	13.50	11.00	4703543
	CHPF4860D6D*	G*VC950905DXA*	41,000	30,800	14.00	11.50	4291499
	CHPF4860D6D*+EEP		41,000	30,800	13.00	11.00	4291501
	CHPF4860D6D*+MBVC1600**-1A*		41,000	30,800	14.00	11.50	4291502
	CSCF3642N6D*+EEP		40,000	30,000	13.00	11.00	4767563
	CSCF4860N6D*	G*VC951155DXA*	41,000	30,800	13.50	11.30	4767565
	CSCF4860N6D*	G*E80905C***	41,000	30,800	13.50	11.50	4767564
	CSCF4860N6D*+EEP		41,000	30,800	13.00	11.00	4767566
VSX13 0481B*	AEPF426016C*		46,000	35,400	14.00	11.30	4291510
	AR*F486016C*		46,000	35,400	13.00	11.00	4291511
	AVPTC426014A*		46,000	35,400	14.00	11.30	4431270
	CA*F4860*6D*+EEP		46,000	35,400	13.00	11.00	4919374
	CA*F4860*6D*+MBVC2000**-1A*		46,000	35,400	14.00	11.30	4291514
	CA*F4860*6D*+TXV	G*E80905C**	46,000	35,400	14.00	11.30	4291517
	CA*F4860*6D*+TXV	G*E81155C**	45,000	34,700	14.00	11.30	4291518
	CA*F4860*6D*+TXV	G*VC951155DXA*	45,500	35,000	14.00	11.30	4291516
	CA*F4860*6D*+TXV	G*VC950905DXA*	45,500	35,000	14.00	11.30	4291515
	CA*F4860*6D*+TXV	GME951005DXA*	45,000	34,700	13.70	11.30	4703550
	CA*F4860*6D*+TXV	G*E80805C*A*	46,000	35,400	13.50	11.30	4870270
	CA*F4860*6D*+TXV	G*E81005C*A*	45,000	34,700	13.50	11.30	4870271
	CA*F4860*6D*+TXV	G*VM961005DXA*	45,500	35,000	14.00	11.30	4652986
	CA*F4860*6D*+TXV	G*VM961155DXA*	45,500	35,000	14.00	11.30	4652968
	CHPF4860D6D*+EEP		46,000	35,400	13.00	11.00	4291519
	CHPF4860D6D*+MBVC2000**-1A*		46,000	35,400	14.00	11.30	4291520
	CHPF4860D6D*+TXV	G*VC951155DXA*	46,000	35,400	14.00	11.30	4291522
	CHPF4860D6D*+TXV	G*E81155C**	46,000	35,400	14.00	11.30	4291521
	CHPF4860D6D*+TXV	G*VC950905DXA*	46,000	35,400	14.00	11.30	4291523
	CHPF4860D6D*+TXV	G*E80905C**	46,000	35,400	14.00	11.30	4291524
	CHPF4860D6D*+TXV	G*VM961155DXA*	46,000	35,400	14.00	11.30	4653044
	CHPF4860D6D*+TXV	G*VM961005DXA*	46,000	35,400	14.00	11.30	4653062
	CHPF4860D6D*+TXV	G*E80805C*A*	46,000	35,400	13.50	11.30	4870272
	CHPF4860D6D*+TXV	GME951005DXA*	46,000	35,400	14.00	11.30	4701127
	CHPF4860D6D*+TXV	G*E81005C*A*	46,000	35,400	13.50	11.30	4870273
	CSCF4860N6D*+EEP		46,000	35,400	13.00	11.00	4767567
	CSCF4860N6D*+TXV	G*E80905C***	46,000	35,400	14.00	11.30	4767568
	CSCF4860N6D*+TXV	G*E81155C***	46,000	35,400	14.00	11.30	4767569
	CSCF4860N6D*+TXV	G*VC951155DXA*	46,000	35,400	14.00	11.30	4767571
	CSCF4860N6D*+TXV	G*VC950905DXA*	46,000	35,400	14.00	11.30	4767570

See Notes on Page 27.

AHRI Ratings (cont.)

Outdoor Unit	Indoor Units		Cooling Capacity (BTU/h)				AHRI #
	Coils /Air Handlers	Furnaces	Total	Sensible	SEER[1]	EER[2]	
VSX13 0601B*	ADPF486016C*		57,000	42,800	13.00	11.00	4358283
	AEPF426016C*		57,500	43,100	13.40	11.30	3695726
	AR*F486016C*		56,000	42,000	13.00	11.00	3896067
	AR*F496116C*		57,000	42,800	13.00	11.00	4358284
	ASPF426016D*		57,500	43,100	13.40	11.30	4149287
	ASPF426016E*		57,500	43,100	13.40	11.30	4358317
	AVPTC426014A*		57,500	43,100	13.40	11.30	4431283
	CA*F4860*6D*+EEP		55,500	41,600	13.00	11.00	3880274
	CA*F4860*6D*+MBE2000**-1B*		56,500	42,400	13.50	11.30	3880299
	CA*F4860*6D*+MBE2000**-1B*+TXV		56,000	42,000	13.50	11.30	3880312
	CA*F4860*6D*+MBVC2000**-1A*		56,500	42,400	13.50	11.30	3880333
	CA*F4860*6D*+MBVC2000**-1A*+TXV		56,000	42,000	13.50	11.30	3880349
	CA*F4860*6D*+TXV	G*VC81155CXA*	56,000	42,000	13.50	11.30	3880634
	CA*F4860*6D*+TXV	G*E80905C**	55,500	41,600	13.40	11.30	3880631
	CA*F4860*6D*+TXV	G*E81155C**	55,500	41,600	13.40	11.30	3880632
	CA*F4860*6D*+TXV	G*VC951155DXA*	55,000	41,300	13.05	11.00	3880635
	CA*F4860*6D*+TXV	G*VM961155DXA*	55,000	41,300	13.05	11.00	4653140
	CA*F4860*6D*+TXV	G*VM961005DXA*	55,000	41,300	13.05	11.00	4653144
	CA*F4860*6D*+TXV	ADVC81005C*A*	55,000	41,300	13.30	11.20	4887514
	CA*F4860*6D*+TXV	ADVC80805C*A*	55,500	41,600	13.30	11.20	4887513
	CA*F4860*6D*+TXV	G*E81005C*A*	55,500	41,600	13.30	11.20	4870279
	CA*F4860*6D*+TXV	A*VC80805C*A*	55,500	41,600	13.30	11.20	4887063
	CA*F4860*6D*+TXV	G*VC81005C*A*	55,500	41,600	13.30	11.20	4887512
	CA*F4860*6D*+TXV	A*VC81005C*A*	55,500	41,600	13.30	11.20	4887522
	CA*F4860*6D*+TXV	G*E80805C*A*	55,500	41,600	13.30	11.20	4870278
	CA*F4860*6D*+TXV	G*VC80905CXA*	56,000	42,000	13.50	11.30	3880633
	CA*F4860*6D*+TXV	G*VC80805C*A*	55,500	41,600	13.30	11.20	4887061
	CA*F4961*6D*+EEP		57,000	42,800	13.00	11.00	4919373
	CA*F4961*6D*+MBVC2000**-1A*		57,500	43,100	13.50	11.50	4431681
	CA*F4961*6D*+MBVC2000**-1A*+TXV		57,500	43,100	13.50	11.50	4431682
	CA*F4961*6D*+TXV	G*VC81155C**	57,000	42,800	13.50	11.30	4431847
	CA*F4961*6D*+TXV	G*VC950905DXA*	56,500	42,400	13.00	11.00	4431850
	CA*F4961*6D*+TXV	G*E80905C*	57,000	42,800	13.50	11.30	4431844
	CA*F4961*6D*+TXV	G*E81155C*	57,000	42,800	13.50	11.30	4431845
	CA*F4961*6D*+TXV	G*VM961155DXA*	56,000	42,000	13.40	11.20	4653174
	CA*F4961*6D*+TXV	G*VM960805DXA*	56,500	42,400	13.00	11.00	4653290
	CA*F4961*6D*+TXV	G*VM960805CXA*	56,500	42,400	13.00	11.00	4653274
	CA*F4961*6D*+TXV	G*E80805C*A*	56,000	42,000	13.30	11.20	4887517
	CA*F4961*6D*+TXV	G*E81005C*A*	56,500	42,400	13.30	11.20	4887518
	CA*F4961*6D*+TXV	G*VC81005C*A*	57,000	42,800	13.30	11.20	4870285
	CA*F4961*6D*+TXV	A*VC80805C*A*	57,000	42,800	13.30	11.20	4870294
	CA*F4961*6D*+TXV	A*VC81005C*A*	57,000	42,800	13.30	11.20	4870295
	CA*F4961*6D*+TXV	G*VC80805C*A*	57,000	42,800	13.30	11.20	4870284
	CA*F4961*6D*+TXV	G*VC80905C**	57,000	42,800	13.50	11.30	4431846
	CA*F4961*6D*+TXV	A*VC950915DXA*	56,500	42,400	13.00	11.00	4594653
	CA*F4961*6D*+TXV	A*VM960604CXA*	56,500	42,400	13.00	11.00	4653287
	CA*F4961*6D*+TXV	G*VM960604CXA*	56,500	42,400	13.00	11.00	4653286
	CA*F4961*6D*+TXV	ADVC80805C*A*	57,000	42,800	13.30	11.20	4870286
	CA*F4961*6D*+TXV	ADVC81005C*A*	57,000	42,800	13.30	11.20	4870287

See Notes on Page 27.

AHRI Ratings (cont.)

Outdoor Unit	Indoor Units		Cooling Capacity (BTU/h)				AHRI #
	Coils /Air Handlers	Furnaces	Total	Sensible	SEER[1]	EER[2]	
VSX13 0601B* (cont.)	CA*F4961*6D*+TXV	G*VC950714CXA*	56,500	42,400	13.00	11.00	4431848
	CA*F4961*6D*+TXV	G*VC950905CXA*	56,500	42,400	13.00	11.00	4431849
	CA*F4961*6D*+TXV	G*VC950915DXA*	56,500	42,400	13.00	11.00	4431851
	CA*F4961*6D*+TXV	G*VC951155DXA*	56,000	42,000	13.40	11.20	4431852
	CA*F4961*6D*+TXV	A*VC950714CXA*	56,500	42,400	13.00	11.00	4586479
	CA*F4961*6D*+TXV	G*VM961005DXA*	56,000	42,000	13.40	11.20	4653202
	CHPF4860D6D*+EEP		57,000	42,800	13.00	11.00	3695737
	CHPF4860D6D*+MBE2000**-1B*		57,000	42,800	13.50	11.30	3695738
	CHPF4860D6D*+MBE2000**-1B*+TXV		57,000	42,800	13.50	11.50	3695746
	CHPF4860D6D*+MBVC2000**-1A*		57,000	42,800	13.50	11.30	3695739
	CHPF4860D6D*+MBVC2000**-1A*+TXV		57,000	42,800	13.50	11.50	3695747
	CHPF4860D6D*+TXV	G*VC81155C**	57,000	42,800	13.50	11.30	3695743
	CHPF4860D6D*+TXV	G*VC950905DXA*	57,000	42,800	13.20	11.00	3695744
	CHPF4860D6D*+TXV	G*E80905C*	57,000	42,800	13.50	11.30	3695740
	CHPF4860D6D*+TXV	G*VC80905C**	57,000	42,800	13.50	11.30	3695742
	CHPF4860D6D*+TXV	G*VC951155DXA*	56,500	42,400	13.40	11.30	3695745
	CHPF4860D6D*+TXV	G*VM961155DXA*	56,500	42,400	13.40	11.30	4653259
	CHPF4860D6D*+TXV	G*VM960805DXA*	57,000	42,800	13.20	11.00	4653307
	CHPF4860D6D*+TXV	G*VM961005DXA*	56,500	42,400	13.40	11.30	4653265
	CHPF4860D6D*+TXV	A*VC81005C*A*	57,000	42,800	13.30	11.20	4870297
	CHPF4860D6D*+TXV	G*VC80805C*A*	57,000	42,800	13.30	11.20	4870288
	CHPF4860D6D*+TXV	G*VM960805CXA*	56,500	42,400	13.00	11.00	4653278
	CHPF4860D6D*+TXV	ADVC81005C*A*	57,000	42,800	13.30	11.20	4870291
	CHPF4860D6D*+TXV	G*E81005C*A*	57,000	42,800	13.30	11.20	4887520
	CHPF4860D6D*+TXV	G*VM960604CXA*	57,000	42,800	13.20	11.00	4653301
	CHPF4860D6D*+TXV	A*VM960604CXA*	57,000	42,800	13.20	11.00	4653303
	CHPF4860D6D*+TXV	A*VC80805C*A*	57,000	42,800	13.30	11.20	4870296
	CHPF4860D6D*+TXV	G*E81155C*	57,000	42,800	13.50	11.30	3695741
	CHPF4860D6D*+TXV	G*VC950905CXA*	56,500	42,400	13.00	11.00	4201466
	CHPF4860D6D*+TXV	G*VC81005C*A*	57,000	42,800	13.30	11.20	4870289
	CHPF4860D6D*+TXV	ADVC80805C*A*	57,000	42,800	13.30	11.20	4870290
	CHPF4860D6D*+TXV	G*E80805C*A*	56,000	42,000	13.30	11.20	4887519
	CSCF4860N6D*+MBE2000**-1B*		55,000	41,300	13.50	11.50	4767703
	CSCF4860N6D*+MBVC2000**-1A*		55,000	41,300	13.50	11.50	4767704

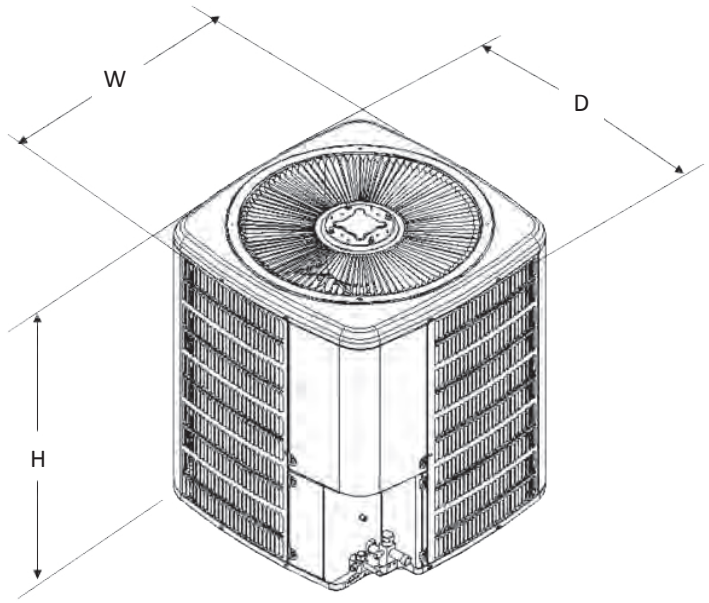
[1] Seasonal Energy Efficiency Ratio

[2] Energy Efficiency Ratio @ 80°F/ 67°F/ 95°F

Notes:

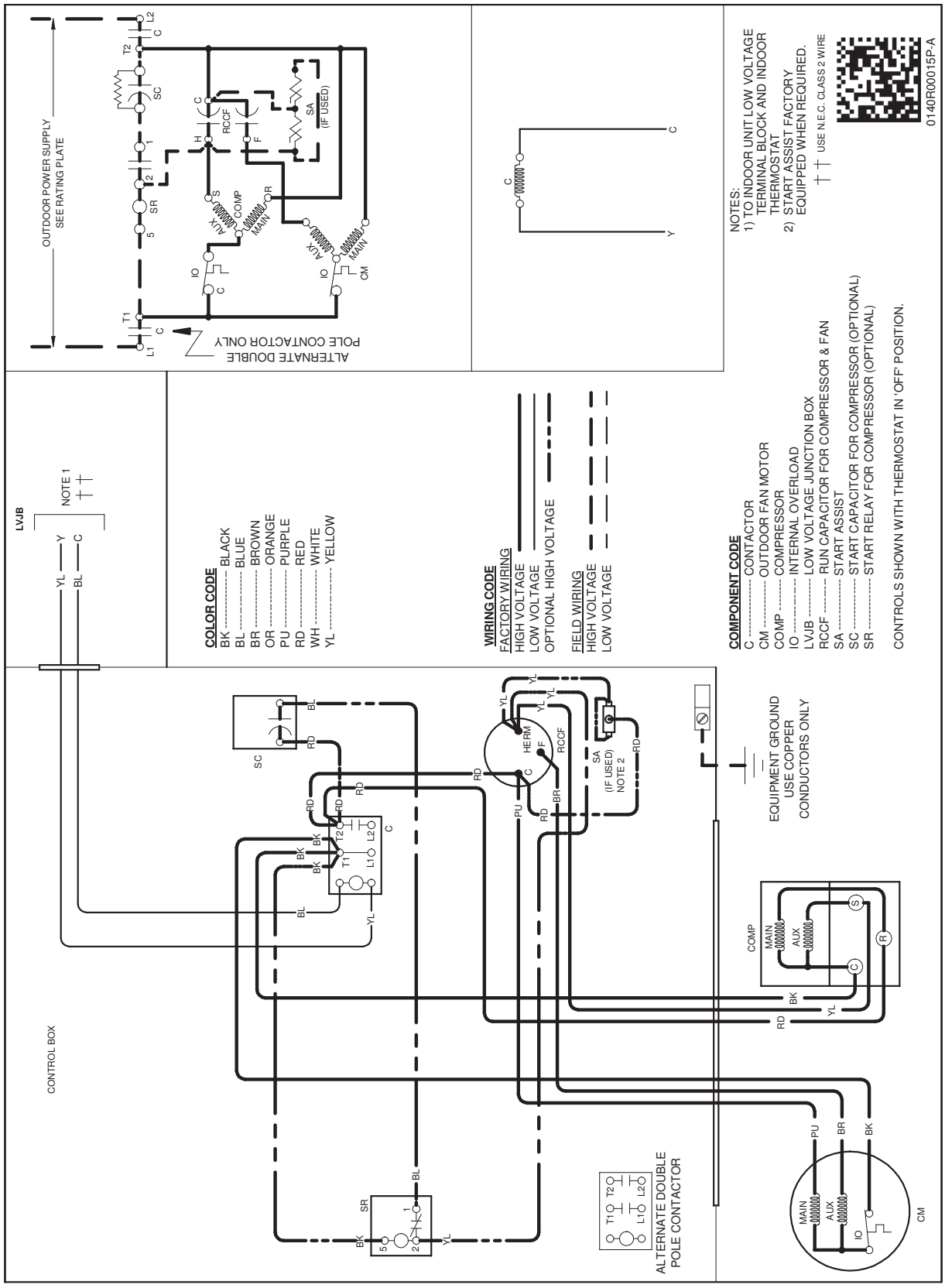
- Always check the S&R plate for electrical data on the unit being installed.
- When matching the outdoor unit to the indoor unit, use the piston supplied with the outdoor unit or that specified on the piston kit chart supplied with the indoor unit.
- EEP - Order from Service Dept. Part No. B13707-38 or new Solid State Board B13707-35S. Part No. B13707-38 is not interchangeable with B13707-35S. The Goodman Gas Furnace contains the EEP cooling time delay

Dimensions



Model	Dimensions		
	W"	D"	H"
VSX130181D*	23	23	23⅛
VSX130181E*	23	23	25¾
VSX130241D*	23	23	25¾
VSX130301D*	23	23	25¾
VSX130361D*	23	23	30¾
VSX130421B*	29	29	36¼
VSX130481B*	29	29	36¼
VSX130601B*	29	29	40

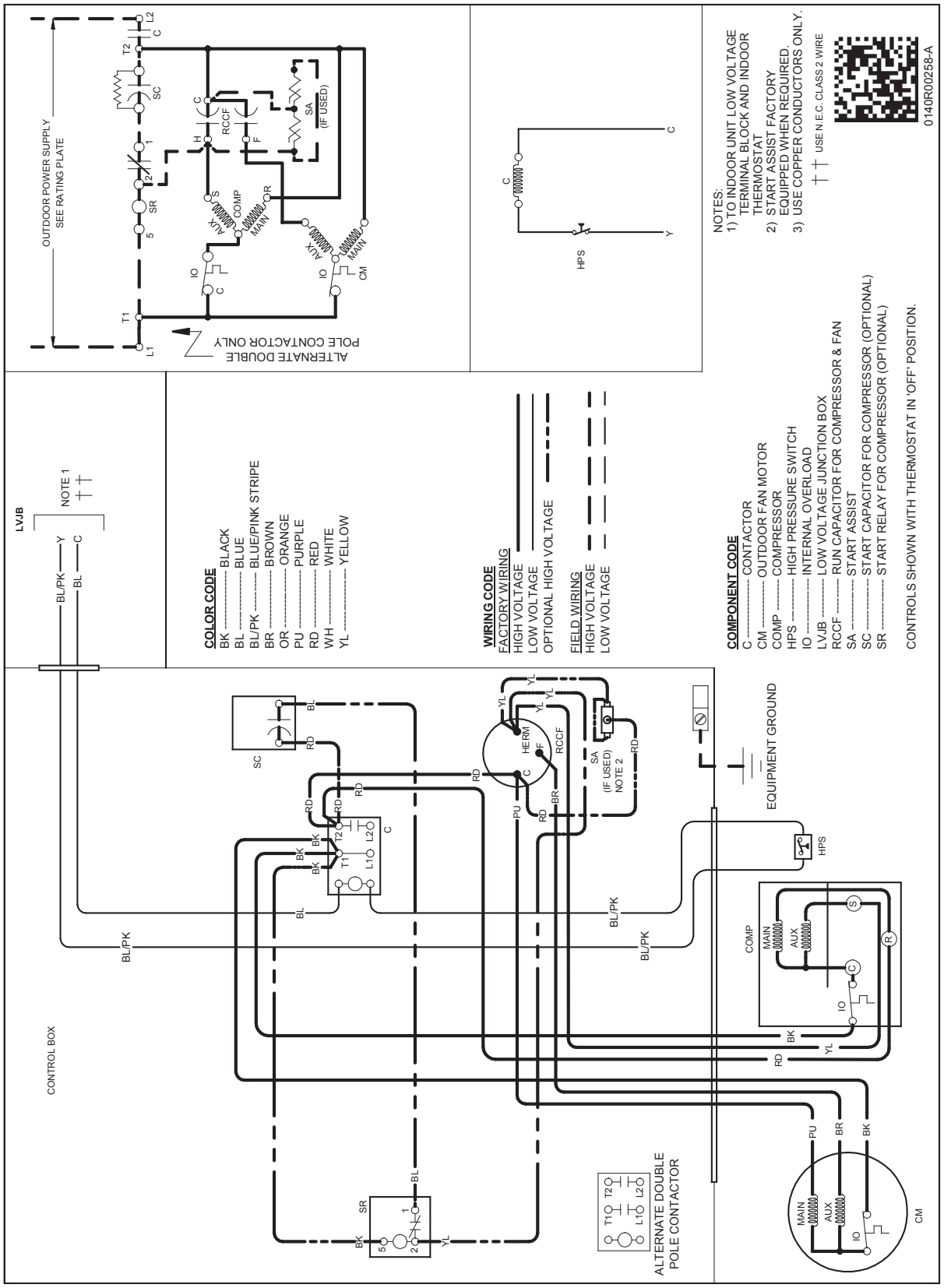
WIRING DIAGRAM — VSX130(18-60)1B



Wiring is subject to change. Always refer to the wiring diagram or the unit for the most up-to-date wiring.

WARNING **High Voltage:** Disconnect all power before servicing or installing this unit. Multiple power sources may be present. Failure to do so may cause property damage, personal injury, or death.

WIRING DIAGRAM — VSX130181E



Wiring is subject to change. Always refer to the wiring diagram or the unit for the most up-to-date wiring.

WARNING **High Voltage:** Disconnect all power before servicing or installing this unit. Multiple power sources may be present. Failure to do so may cause property damage, personal injury, or death.

Accessories

Model #	Description	VSX13 0181D*	VSX13 018E*	VSX13 0241D*	VSX13 0301D*	VSX13 0361D*	VSX13 042B*	VSX13 048B*	VSX13 060B*
ABK-20	Anchor Bracket Kit *		X				X	X	X
ABK-21	Anchor Bracket Kit *	X		X	X	X			
ASC-01	Anti-Short Cycle Kit	X	X	X	X	X	X	X	X
CSR-U-1	Hard-start Kit		X	X	X	X			
CSR-U-2	Hard-start Kit	X					X	X	X
CSR-U-3	Hard-start Kit							X	X
FSK01A[1]	Freeze Protection Kit	X	X	X	X	X	X	X	X
LAKT01	Low-Ambient Kit	X	X	X	X	X	X	X	X
LSK02A[2]	Liquid Line Solenoid Kit	X	X	X	X	X	X	X	X
TX2N4[2]	TXV Kit	X	X						
TX2N4A[2]	TXV Kit	X	X	X		X			
TX3N4[2]	TXV Kit				X				
TX5N4[2]	TXV Kit						X	X	X

* Contains 20 brackets; four brackets needed to anchor unit to pad

[1] Installed on indoor coil

[2] Field-installed, non-bleed, expansion valve kit — Condensing units and heat pumps with reciprocating compressors require the use of start-assist components when used in conjunction with an indoor coil using a non-bleed thermal expansion valve refrigerant metering device or liquid line solenoid kit. The TXV should always be sized based on the tonnage of the outdoor unit.

Notes