



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.)



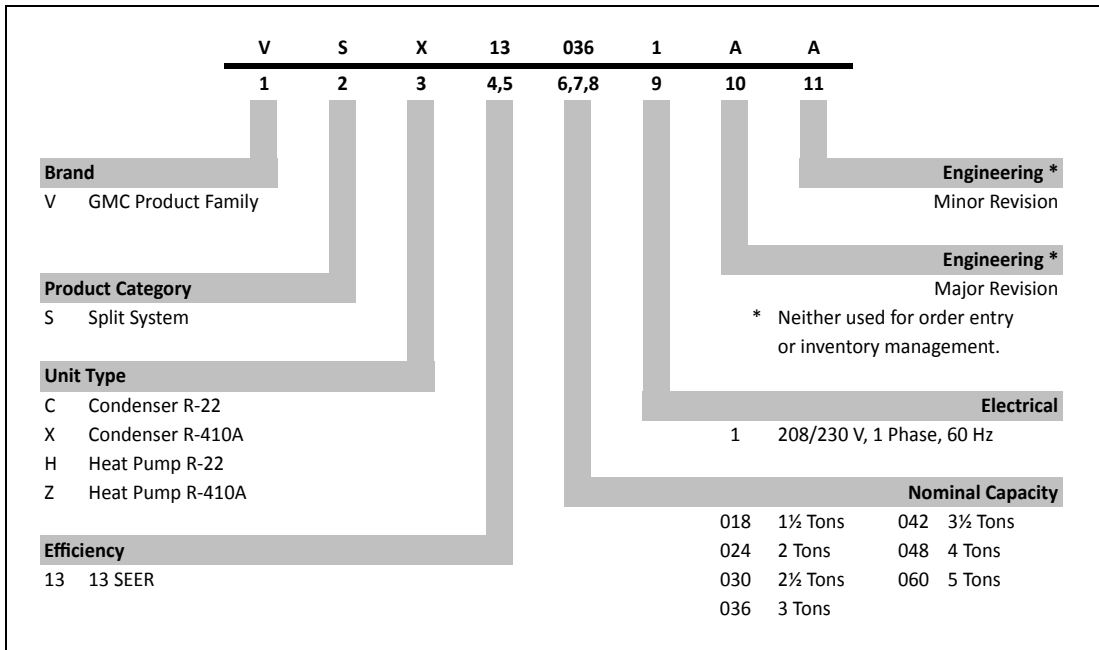
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* Complete warranty details available from your local dealer or at www.goodmanmfg.com/gmc.

NOMENCLATURE



SPECIFICATIONS

	VSX13 0181D*	VSX13 0181E*	VSX13 0241D*	VSX13 0301A*	VSX13 0301D*	VSX13 0361AA	VSX13 0361AB
CAPACITIES							
Nominal Cooling (BTU/h)	18,000	18,000	24,000	30,000	30,000	36,000	36,000
SEER / EER	13 / 11	13 / 11	13 / 11	13 / 11	13 / 11	13 / 11	13 / 11
Decibels	74	75	75	73	75	74	74
COMPRESSOR							
RLA	6.7	6.7	13.5	12.8	12.8	16.7	14.1
LRA	40	41	58.3	64	64	79	77
CONDENSER FAN MOTOR							
Horsepower	1/8	1/8	1/8	1/8	1/8	1/6	1/6
FLA	0.7	0.7	0.7	0.7	0.7	1.1	1.1
REFRIGERATION SYSTEM							
Refrigerant Line Size ¹							
Liquid Line Size ("O.D.)	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"
Suction Line Size ("O.D.)	3/4"	3/4"	3/4"	3/4"	3/4"	7/8"	7/8"
Refrigerant Connection Size							
Liquid Valve Size ("O.D.)	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"
Suction Valve Size ("O.D.) ^{4 5}	3/4"	3/4"	3/4"	3/4"	3/4"	3/4" ⁴	3/4" ⁴
Valve Type	Sweat	Sweat	Sweat	Sweat	Sweat	Sweat	Sweat
Refrigerant Charge (oz.)	70	73	76	78	76	89	89
Shipped with Orifice Size	0.051	0.051	0.057	0.061	0.061	0.070	0.070
ELECTRICAL DATA							
Voltage / Hz	208-230/60	208/230-60/1	208-230/60	208-230/60	208-230/60	208-230/60	208-230/60
Minimum Circuit Ampacity ²	9.1	9.1	17.6	16.7	16.7	22	19.1
Maximum Overcurrent Protection ³	15 amps	15 amps	30 amps	25 amps	25 amps	35 amps	30 amps
Minimum / Maximum Voltage	197/253	197/253	197/253	197/253	197/253	197/253	197/253
Electrical Conduit Trade Size	1/2" or 3/4"	1/2" or 3/4"	1/2" or 3/4"	1/2" or 3/4"	1/2" or 3/4"	1/2" or 3/4"	1/2" or 3/4"
EQUIPMENT WEIGHT (LBS)	106	106	116	120	120	143	143
SHIP WEIGHT (LBS)	120	120	130	134	134	157	157

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 3/4" to 3/8" adapters for suction line connections.

⁵ Installer will need to supply 3/8" to 1/8" 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 3/8" liquid line. System charge must be adjusted per Installation Instructions Final Charge Procedure.

SPECIFICATIONS (CONT.)

	VSX13 0361BA	VSX13 0361D*	VSX13 0421A*	VSX13 0421B*	VSX13 0481A*	VSX13 0481B*	VSX13 0601B*
CAPACITIES							
Nominal Cooling (BTU/h)	36,000	36,000	42,000	42,000	48,000	48,000	60,000
SEER / EER	13 / 11	13 / 11	13 / 11	13 / 11	13 / 11	13 / 11	13 / 11
Decibels	74	78	75	75	76	76	77
COMPRESSOR							
RLA	14.1	14.1	17.9	15.7	19.9	16.0	25.0
LRA	77	77	112	88	109	84	134
CONDENSER FAN MOTOR							
Horsepower	1/6	1/4	1/4	1/4	1/4	1/4	1/4
FLA	1.1	1.1	1.5	1.5	1.5	1.5	1.5
REFRIGERATION SYSTEM							
Refrigerant Line Size ¹							
Liquid Line Size ("O.D.)	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"
Suction Line Size ("O.D.)	7/8"	7/8"	1 1/8"	1 1/8"	1 1/8"	1 1/8"	1 1/8"
Refrigerant Connection Size							
Liquid Valve Size ("O.D.)	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"
Suction Valve Size ("O.D.) ^{4 5}	3/4" ⁴	3/4" ⁴	7/8" ⁴	7/8" ⁴	7/8" ⁴	7/8" ⁴	7/8" ⁵
Valve Type	Sweat	Sweat	Sweat	Sweat	Sweat	Sweat	Sweat
Refrigerant Charge (oz.)	89	77	90	105	104	120	111
Shipped with Orifice Size	0.070	0.067	0.076	0.076	0.080	0.078	0.086
ELECTRICAL DATA							
Voltage / Hz	208/230-60	208-230/60	208-230/60	208-230/60	208-230/60	208-230/60	208-230/60
Minimum Circuit Ampacity ²	18.7	19.1	23.9	21.1	26.4	21.5	32.8
Maximum Overcurrent Protection ³	30 amps	30 amps	40 amps	35 amps	45 amps	35 amps	50 amps
Minimum / Maximum Voltage	197/253	197/253	197/253	197/253	197/253	197/253	197/253
Electrical Conduit Trade Size	1/2" or 3/4"	1/2" or 3/4"	1/2" or 3/4"	1/2" or 3/4"	1/2" or 3/4"	1/2" or 3/4"	1/2" or 3/4"
EQUIPMENT WEIGHT (LBS)	143	143	188	188	199	199	238
SHIP WEIGHT (LBS)	157	157	206	206	217	217	256

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 3/4" to 7/8" adapters for suction line connections.

⁵ Installer will need to supply 7/8" to 1 1/8" 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 3/8" liquid line. System charge must be adjusted per Installation Instructions Final Charge Procedure.

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

IDB	Airflow	OUTDOOR AMBIENT TEMPERATURE																								
		65°F				75°F				85°F				95°F				105°F				115°F				
		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	-
		ΔT	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	-
		Amps	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	-	
	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	-	
	ΔT	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	-	
	Amps	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	-		
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	-		
ΔT	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	-		
Amps	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
		ΔT	20	19	15	11	20	19	15	11	20	19	15	11	21	19	16	11	21	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
		Amps	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	125	138	147	125	133	145	154	131	139	152	162	135	144	157	167	
	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	
	ΔT	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	
	Amps	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		
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		
ΔT	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		
Amps	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		

Shaded area reflects ACCA (TVA) conditions
 IDB: Entering Indoor Dry Bulb Temperature
 High and low pressures are measured at the liquid and suction service valves.
 Amps = outdoor unit amps (comp.+fan)
 kW = Total system power

EXPANDED COOLING DATA — VSX130181D* / CA*F1824*6D* (CONT.)

IDB	Airflow	OUTDOOR AMBIENT TEMPERATURE																									
		65°F				75°F				85°F				95°F				105°F				115°F					
		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	
		ΔT	23	22	19	15	23	22	19	15	23	22	19	15	23	22	19	15	22	23	20	15	20	21	18	14	
	600	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	
		Amps	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	320	296	318	336	351	337	363	383	399	379	408	431	449	419	451	476	496
	525	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	
		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	
	85	675	ΔT	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
			Amps	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
600		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	
		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	
525		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	
		ΔT	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	
675		Amps	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	
		ΔT	24	24	22	19	24	24	23	20	24	24	23	20	23	24	23	20	23	24	23	20	22	21	21	18	
	600	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	
		Amps	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	
	525	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	
		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	
	85	675	ΔT	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
			Amps	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
600		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	
		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	
525		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	
		ΔT	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	
675		Amps	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
 High and low pressures are measured at the liquid and suction service valves.
 Shaded area reflects AHRI conditions
 Amps = outdoor unit amps (comp.+fan)
 kW = Total system power

EXPANDED COOLING DATA — VSX130181E* / CAPF1824B6DB

IDB		OUTDOOR AMBIENT TEMPERATURE												ENTERING INDOOR WET BULB TEMPERATURE											
		65°F				75°F				85°F				95°F				105°F				115°F			
		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	Airflow	5.6	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	-
	MBh	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	-
	S/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	-
	ΔT	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	-
	kW	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	-
	Amps	203	219	231	-	228	245	259	-	259	279	294	-	295	318	335	-	332	357	377	-	367	395	417	-
	Hi PR	102	109	119	-	108	115	126	-	113	120	131	-	118	126	137	-	124	132	144	-	128	136	149	-
	Lo PR	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	-
	MBh	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	-
	S/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	-
	ΔT	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	-
	kW	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	-
Amps	206	221	234	-	231	248	262	-	263	283	298	-	299	322	340	-	336	362	382	-	372	400	422	-	
Hi PR	104	110	121	-	110	117	127	-	114	121	132	-	120	127	139	-	126	134	146	-	130	138	151	-	
Lo PR	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	-	
MBh	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	-	
S/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	-	
ΔT	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	-	
kW	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	-	
Amps	209	225	238	-	235	253	267	-	267	287	304	-	304	327	346	-	342	368	389	-	378	407	430	-	
Hi PR	106	112	123	-	112	119	130	-	116	123	135	-	122	130	142	-	128	136	148	-	132	141	153	-	
Lo PR	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	
MBh	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	
S/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	
ΔT	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	
kW	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	
Amps	205	221	233	243	230	248	262	273	262	282	297	310	298	321	339	353	335	361	381	398	371	399	421	439	
Hi 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	
Lo PR	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	
MBh	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	
S/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	
ΔT	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	
kW	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	
Amps	208	224	236	246	233	251	265	276	265	285	301	314	302	325	343	358	340	366	386	403	376	404	427	445	
Hi 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	
Lo PR	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	
MBh	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	
S/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	
ΔT	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	
kW	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	
Amps	211	228	240	251	237	255	270	281	270	290	307	320	307	331	349	364	346	372	393	410	382	411	434	453	
Hi 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	
Lo PR	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	

IDB: Entering Indoor Dry Bulb Temperature
 High and low pressures are measured at the liquid and suction service valves.
 Shaded area reflects ACCA (TVA) conditions
 Amps = outdoor unit amps (Comp.+fan)
 kW = Total system power

EXPANDED COOLING DATA — VSX130181E* / CAPF1824B6DB (CONT.)

IDB	Airflow	OUTDOOR AMBIENT TEMPERATURE												ENTERING INDOOR WET BULB TEMPERATURE												
		65°F				75°F				85°F				95°F				105°F				115°F				
		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
		ΔT	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
		Amps	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	5.9	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	
	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	
	ΔT	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	
	Amps	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		
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		
ΔT	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		
Amps	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
		ΔT	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
		Amps	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	
	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	
	ΔT	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	
	Amps	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		
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		
ΔT	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		
Amps	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
 High and low pressures are measured at the liquid and suction service valves.
 Shaded area reflects AHRI conditions
 Amps = outdoor unit amps (comp.-fan)
 kW = Total system power

EXPANDED COOLING DATA — VSX130241D* / CA*F1824*6D*

IDB	Airflow	OUTDOOR AMBIENT TEMPERATURE																									
		65°F				75°F				85°F				95°F				105°F				115°F					
		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	-	
		ΔT	17	15	11	-	17	15	11	-	17	15	11	-	17	15	11	-	17	15	11	-	16	14	10	-	
	800	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	-	
		Amps	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	-	
	700	Lo PR	105	112	122	-	111	118	129	-	115	123	134	-	121	129	141	-	127	135	147	-	131	140	152	-	
		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	-	
	75	900	ΔT	18	15	12	-	18	15	12	-	18	15	12	-	18	15	12	-	18	15	12	-	16	14	11	-
			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
			Amps	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
800		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	
		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	
700		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	
		ΔT	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	
700		Amps	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		
	ΔT	21	19	16	11	21	19	16	11	21	19	16	11	21	19	16	11	21	19	16	11	19	18	15	10		
700	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		
	Amps	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		
700	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
 High and low pressures are measured at the liquid and suction service valves.
 Shaded area reflects ACCA (TVA) conditions
 Amps = outdoor unit amps (comp.+fan)
 kW = Total system power

EXPANDED COOLING DATA — VSX130301A* / CA*F3030*6**

		OUTDOOR AMBIENT TEMPERATURE																																																	
		65°F						75°F						85°F						95°F						105°F						115°F																			
IDB		Airflow		ENTERING INDOOR WET BULB TEMPERATURE																																															
				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	875	MBh	24.9	25.8	28.3	-	24.4	25.2	27.7	-	23.8	24.6	27.0	-	23.2	24.0	26.3	-	22.0	22.8	25.0	-	20.4	21.2	23.2	-	24.9	25.8	28.3	-	24.4	25.2	27.7	-	23.8	24.6	27.0	-	23.2	24.0	26.3	-	22.0	22.8	25.0	-	20.4	21.2	23.2	-	
		S/T	0.69	0.58	0.40	-	0.72	0.60	0.42	-	0.74	0.61	0.43	-	0.76	0.63	0.44	-	0.79	0.66	0.46	-	0.80	0.66	0.46	-	0.69	0.58	0.40	-	0.72	0.60	0.42	-	0.74	0.61	0.43	-	0.76	0.63	0.44	-	0.79	0.66	0.46	-	0.80	0.66	0.46	-	
	ΔT	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	19	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	19	16	12	-	18	16	12	-	17	15	11	-		
	kW	1.94	1.98	2.03	-	2.08	2.12	2.18	-	2.20	2.25	2.32	-	2.31	2.36	2.43	-	2.40	2.45	2.53	-	2.48	2.54	2.62	-	1.94	1.98	2.03	-	2.08	2.12	2.18	-	2.20	2.25	2.32	-	2.31	2.36	2.43	-	2.40	2.45	2.53	-	2.48	2.54	2.62	-		
	Amps	6.8	7.0	7.2	-	7.4	7.6	7.8	-	8.0	8.2	8.5	-	8.6	8.8	9.1	-	9.1	9.3	9.7	-	9.7	9.9	10.2	-	6.8	7.0	7.2	-	7.4	7.6	7.8	-	8.0	8.2	8.5	-	8.6	8.8	9.1	-	9.1	9.3	9.7	-	9.7	9.9	10.2	-		
	Hi/PR	228	245	259	-	256	275	291	-	291	313	331	-	332	357	377	-	373	401	424	-	412	443	468	-	228	245	259	-	256	275	291	-	291	313	331	-	332	357	377	-	373	401	424	-	412	443	468	-		
	Lo/PR	102	109	119	-	108	115	125	-	112	119	130	-	118	125	137	-	124	131	143	-	128	136	148	-	102	109	119	-	108	115	125	-	112	119	130	-	118	125	137	-	124	131	143	-	128	136	148	-		
70	1000	MBh	27.0	28.0	30.7	-	26.4	27.4	30.0	-	25.8	26.7	29.3	-	25.1	26.1	28.5	-	23.9	24.7	27.1	-	22.1	22.9	25.1	-	27.0	28.0	30.7	-	26.4	27.4	30.0	-	25.8	26.7	29.3	-	25.1	26.1	28.5	-	23.9	24.7	27.1	-	22.1	22.9	25.1	-	
		S/T	0.72	0.60	0.42	-	0.74	0.62	0.43	-	0.76	0.64	0.44	-	0.79	0.66	0.46	-	0.82	0.68	0.47	-	0.82	0.69	0.48	-	0.72	0.60	0.42	-	0.74	0.62	0.43	-	0.76	0.64	0.44	-	0.79	0.66	0.46	-	0.82	0.68	0.47	-	0.82	0.69	0.48	-	
	ΔT	18	15	12	-	18	16	12	-	18	16	12	-	18	16	12	-	19	16	12	-	18	16	12	-	18	15	12	-	18	16	12	-	18	16	12	-	18	16	12	-	19	16	12	-	17	15	11	-		
	kW	1.98	2.02	2.08	-	2.13	2.17	2.24	-	2.25	2.30	2.37	-	2.37	2.42	2.49	-	2.46	2.51	2.59	-	2.54	2.60	2.68	-	1.98	2.02	2.08	-	2.13	2.17	2.24	-	2.25	2.30	2.37	-	2.37	2.42	2.49	-	2.46	2.51	2.59	-	2.54	2.60	2.68	-		
	Amps	7.0	7.2	7.4	-	7.6	7.8	8.0	-	8.2	8.4	8.7	-	8.8	9.0	9.3	-	9.4	9.6	9.9	-	9.9	10.2	10.5	-	7.0	7.2	7.4	-	7.6	7.8	8.0	-	8.2	8.4	8.7	-	8.8	9.0	9.3	-	9.4	9.6	9.9	-	9.9	10.2	10.5	-		
	Hi/PR	235	253	267	-	264	284	300	-	300	323	341	-	342	368	388	-	384	414	437	-	425	457	483	-	235	253	267	-	264	284	300	-	300	323	341	-	342	368	388	-	384	414	437	-	425	457	483	-		
	Lo/PR	105	112	122	-	111	118	129	-	116	123	134	-	122	129	141	-	127	135	148	-	132	140	153	-	105	112	122	-	111	118	129	-	116	123	134	-	122	129	141	-	127	135	148	-	132	140	153	-		
70	1125	MBh	27.8	28.8	31.6	-	27.2	28.2	30.9	-	26.5	27.5	30.1	-	25.9	26.8	29.4	-	24.6	25.5	27.9	-	22.8	23.6	25.9	-	27.8	28.8	31.6	-	27.2	28.2	30.9	-	26.5	27.5	30.1	-	25.9	26.8	29.4	-	24.6	25.5	27.9	-	22.8	23.6	25.9	-	
		S/T	0.75	0.63	0.44	-	0.78	0.65	0.45	-	0.80	0.67	0.46	-	0.83	0.69	0.48	-	0.86	0.72	0.50	-	0.86	0.72	0.50	-	0.75	0.63	0.44	-	0.78	0.65	0.45	-	0.80	0.67	0.46	-	0.83	0.69	0.48	-	0.86	0.72	0.50	-	0.86	0.72	0.50	-	
	ΔT	17	15	11	-	17	15	11	-	17	15	11	-	17	15	11	-	18	15	11	-	16	14	11	-	17	15	11	-	17	15	11	-	17	15	11	-	17	15	11	-	18	15	11	-	16	14	11	-		
	kW	2.00	2.04	2.10	-	2.14	2.19	2.25	-	2.27	2.32	2.39	-	2.39	2.44	2.51	-	2.48	2.53	2.62	-	2.56	2.62	2.70	-	2.00	2.04	2.10	-	2.14	2.19	2.25	-	2.27	2.32	2.39	-	2.39	2.44	2.51	-	2.48	2.53	2.62	-	2.56	2.62	2.70	-		
	Amps	7.1	7.2	7.5	-	7.7	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	-	7.1	7.2	7.5	-	7.7	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	237	256	270	-	266	287	303	-	303	326	344	-	345	371	392	-	388	418	441	-	429	462	488	-	237	256	270	-	266	287	303	-	303	326	344	-	345	371	392	-	388	418	441	-	429	462	488	-		
	Lo/PR	106	113	124	-	112	120	131	-	117	124	136	-	123	131	143	-	129	137	149	-	133	142	155	-	106	113	124	-	112	120	131	-	117	124	136	-	123	131	143	-	129	137	149	-	133	142	155	-		
75	875	MBh	25.4	26.1	28.3	30.3	-	24.8	25.5	27.6	29.6	-	24.2	24.9	26.9	28.9	-	23.6	24.3	26.3	28.2	-	20.8	21.4	23.1	24.8	25.4	26.1	28.3	30.3	-	24.8	25.5	27.6	29.6	-	24.2	24.9	26.9	28.9	-	23.6	24.3	26.3	28.2	-	20.8	21.4	23.1	24.8	
		S/T	0.79	0.70	0.53	0.34	-	0.82	0.73	0.55	0.36	-	0.84	0.75	0.57	0.36	-	0.86	0.77	0.58	0.38	-	0.90	0.81	0.61	0.39	0.79	0.70	0.53	0.34	-	0.82	0.73	0.55	0.36	-	0.84	0.75	0.57	0.36	-	0.86	0.77	0.58	0.38	-	0.90	0.81	0.61	0.39	
	ΔT	21	19	16	11	-	21	20	16	11	-	21	20	16	11	-	21	20	16	11	-	21	19	16	11	10	21	19	16	11	-	21	20	16	11	-	21	20	16	11	-	21	19	16	11	-	21	19	16	11	10
	kW	1.95	1.99	2.05	2.11	-	2.09	2.14	2.20	2.27	-	2.22	2.26	2.33	2.41	-	2.33	2.38	2.45	2.53	-	2.42	2.47	2.55	2.63	2.72	1.95	1.99	2.05	2.11	-	2.09	2.14	2.20	2.27	-	2.22	2.26	2.33	2.41	-	2.33	2.38	2.45	2.53	-	2.42	2.47	2.55	2.63	2.72
	Amps	6.9	7.1	7.3	7.6	-	7.4	7.6	7.9	8.2	-	8.1	8.3	8.6	8.9	-	8.6	8.9	9.2	9.5	-	9.2	9.4	9.7	10.1	10.7	6.9	7.1	7.3	7.6	-	7.4	7.6	7.9	8.2	-	8.1	8.3	8.6	8.9	-	8.6	8.9	9.2	9.5	-	9.2	9.4	9.7	10.1	10.7
	Hi/PR	230	248	262	273	-	259	278	294	306	-	294	316	334	349	-	335	360	381	397	-	377	405	428	447	493	230	248	262	273	-	259	278	294	306	-	294	316	334	349	-	335	360	381	397	-	377	405	428	447	493
	Lo/PR	103	110	120	128	-	109	116	127	135	-	113	121	132	140	-	119	127	138	147	-	125	133	145	154	160	103	110	120	128	-	109	116	127	135	-	113	121	132	140	-	119	127	138	147	-	125	133	145	154	160
75	1000	MBh	27.5	28.3	30.6	32.9	-	26.8	27.6	29.9	32.1	-	26.2	27.0	29.2	31.3	-	25.6	26.3	28.5	30.6	-	22.5	23.2	25.1	26.9	27.5	28.3	30.6	32.9	-	26.8	27.6	29.9	32.1	-	26.2	27.0	29.2	31.3	-	25.6	26.3	28.5	30.6	-	22.5	23.2	25.1	26.9	
		S/T	0.82	0.73	0.55	0.36	-	0.85	0.76	0.57	0.37	-	0.87	0.78	0.59	0.38	-	0.90	0.80	0.61	0.39	-	0.94	0.84	0.63	0.41	0.82	0.73	0.55	0.36	-	0.85	0.76	0.57	0.37	-	0.87	0.78	0.59	0.38	-	0.90	0.80	0.61	0.39	-	0.94	0.84	0.63	0.41	
	ΔT	21	19	16	11	-	21	19	16	11	-	21	19	16	11	-	21	19	16	11	-	21	19	16	11	10	21	19	16	11	-	21	19	16	11	-	21	19	16												

EXPANDED COOLING DATA — VSX130301A* / CA*F3030*6** (CONT.)

IDB	Airflow	65°F			75°F			85°F			95°F			105°F			115°F										
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71						
																						ENTERING INDOOR WET BULB TEMPERATURE					
80	775	MBh	25.8	26.4	28.2	30.1	25.2	25.8	27.5	29.4	24.6	25.1	26.9	28.7	24.0	24.5	26.2	28.0	22.8	23.3	24.9	26.6	21.1	21.6	23.1	24.7	
		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	
		ΔT	23	22	20	16	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	22	21	18	15	
	1000	kW	1.97	2.01	2.07	2.13	2.11	2.15	2.22	2.29	2.24	2.28	2.35	2.43	2.35	2.40	2.47	2.55	2.44	2.49	2.57	2.66	2.52	2.58	2.66	2.75	
		Amps	7.0	7.1	7.3	7.6	7.5	7.7	7.9	8.2	8.2	8.4	8.6	9.0	8.7	8.9	9.2	9.6	9.3	9.5	9.8	10.2	9.8	10.1	10.4	10.8	
		Hi PR	233	250	264	276	261	281	297	310	297	320	338	352	338	364	384	401	381	410	432	451	420	452	478	498	
	85	875	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
			MBh	28.0	28.6	30.5	32.6	27.3	27.9	29.8	31.9	26.7	27.2	29.1	31.1	26.0	26.6	28.4	30.4	24.7	25.3	27.0	28.8	22.9	23.4	25.0	26.7
			S/T	0.90	0.84	0.68	0.51	0.93	0.87	0.71	0.53	0.95	0.89	0.73	0.54	0.98	0.92	0.75	0.56	1.00	0.96	0.78	0.58	1.00	0.96	0.78	0.59
1000		ΔT	23	22	19	15	23	22	19	16	23	22	19	16	23	23	20	16	23	22	19	15	21	21	18	14	
		kW	2.01	2.05	2.12	2.18	2.16	2.20	2.27	2.34	2.29	2.34	2.41	2.49	2.40	2.46	2.53	2.61	2.50	2.56	2.64	2.72	2.59	2.64	2.73	2.82	
		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	10.1	10.5	10.1	10.4	10.7	11.1	
1125		Hi PR	240	258	273	284	269	290	306	319	306	330	348	363	349	375	396	413	392	422	446	465	433	466	493	514	
		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	
		MBh	28.8	29.4	31.4	33.6	28.1	28.7	30.7	32.8	27.5	28.1	30.0	32.1	26.8	27.4	29.3	31.3	25.5	26.0	27.8	29.7	23.6	24.1	25.7	27.5	
	S/T	0.94	0.88	0.72	0.54	1.00	0.91	0.74	0.56	1.00	0.94	0.76	0.57	1.00	0.97	0.79	0.59	1.00	1.00	0.82	0.61	1.00	1.00	0.82	0.62		
	ΔT	22	21	18	15	23	21	19	15	22	21	19	15	22	22	19	15	22	21	19	15	19	20	17	14		
	kW	2.03	2.07	2.13	2.20	2.18	2.22	2.29	2.36	2.31	2.36	2.43	2.51	2.42	2.48	2.55	2.64	2.52	2.58	2.66	2.74	2.61	2.66	2.75	2.84		
	Amps	7.2	7.4	7.6	7.9	7.8	8.0	8.2	8.6	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	11.2		
	Hi PR	242	261	275	287	272	293	309	322	309	333	351	367	352	379	400	417	396	426	450	470	438	471	498	519		
	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		
875	875	MBh	26.3	26.8	28.0	29.9	25.7	26.1	27.4	29.2	25.0	25.5	26.7	28.5	24.4	24.9	26.1	27.8	23.2	23.7	24.8	26.4	21.5	21.9	23.0	24.5	
		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	0.86	0.70	1.00	0.99	0.90	0.73	1.00	1.00	0.91	0.73	
		ΔT	25	25	23	20	25	25	24	20	25	25	24	20	25	25	24	20	23	24	23	20	23	23	22	19	
	1000	kW	1.98	2.02	2.08	2.15	2.13	2.17	2.24	2.31	2.25	2.30	2.37	2.45	2.37	2.42	2.49	2.57	2.46	2.51	2.59	2.68	2.54	2.60	2.68	2.77	
		Amps	7.0	7.2	7.4	7.7	7.6	7.8	8.0	8.3	8.2	8.4	8.7	9.0	8.8	9.0	9.3	9.7	9.4	9.6	9.9	10.3	9.9	10.2	10.5	10.9	
		Hi PR	235	253	267	279	264	284	300	313	300	323	341	356	342	368	388	405	384	414	437	456	425	457	483	503	
	1125	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	
		MBh	28.5	29.0	30.4	32.4	27.8	28.3	29.7	31.7	27.1	27.7	29.0	30.9	26.5	27.0	28.3	30.1	25.1	25.6	26.8	28.6	23.3	23.7	24.9	26.5	
		S/T	0.94	0.91	0.82	0.66	0.97	0.94	0.85	0.69	1.00	0.96	0.87	0.71	1.00	0.99	0.90	0.73	1.00	1.00	0.93	0.76	1.00	1.00	0.94	0.76	
ΔT		25	24	23	20	25	24	23	20	25	24	23	20	24	25	23	20	23	24	23	20	21	22	21	19		
kW		2.03	2.07	2.13	2.20	2.18	2.22	2.29	2.36	2.31	2.36	2.43	2.51	2.42	2.48	2.55	2.64	2.52	2.58	2.66	2.74	2.61	2.66	2.75	2.84		
Amps		7.2	7.4	7.6	7.9	7.8	8.0	8.2	8.6	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	11.2		
Hi PR		242	261	275	287	272	293	309	322	309	333	351	367	352	379	400	417	396	426	450	470	438	471	498	519		
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		
875		1000	MBh	29.3	29.9	31.3	33.4	28.6	29.2	30.6	32.6	27.9	28.5	29.8	31.8	27.3	27.8	29.1	31.1	25.9	26.4	27.7	29.5	24.0	24.5	25.6	27.3
	S/T		0.98	0.95	0.86	0.70	1.00	0.98	0.89	0.72	1.00	1.00	0.91	0.74	1.00	1.00	0.94	0.76	1.00	1.00	0.98	0.79	1.00	1.00	0.98	0.80	
	ΔT		24	23	22	19	23	23	22	19	23	23	22	19	22	23	22	19	21	22	21	19	20	20	21	18	
	1125	kW	2.04	2.08	2.15	2.21	2.19	2.24	2.31	2.38	2.33	2.37	2.45	2.53	2.44	2.49	2.57	2.66	2.54	2.60	2.68	2.77	2.63	2.69	2.77	2.86	
		Amps	7.3	7.4	7.7	8.0	7.9	8.1	8.3	8.6	8.5	8.8	9.0	9.4	9.1	9.4	9.7	10.0	9.7	10.0	10.3	10.7	10.3	10.6	10.9	11.3	
		Hi PR	245	263	278	290	275	296	312	326	312	336	355	370	356	383	404	422	400	431	455	474	442	476	503	524	
	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		

IDB: Entering Indoor Dry Bulb Temperature
 High and low pressures are measured at the liquid and suction service valves.
 Shaded area is AHRI (TV) conditions
 kW = Total system power
 Amps = outdoor unit amps (comp.-fan)

EXPANDED COOLING DATA — VSX130301D* / CA*F3030*6D*

IDB	Airflow	OUTDOOR AMBIENT TEMPERATURE																									
		65°F				75°F				85°F				95°F				105°F				115°F					
		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	-	
		ΔT	18	16	12	-	18	16	12	-	18	16	12	-	19	16	12	-	18	16	12	-	17	15	11	-	
	1050	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	-	
	1155	Lo PR	104	110	120	-	109	116	127	-	114	121	132	-	119	127	139	-	125	133	145	-	129	138	150	-	
		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	-	
	75	945	ΔT	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	-
1050	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	-		
	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	-		
1155	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	-		
	ΔT	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	-		
75	945	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	-	
1050	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	
		ΔT	21	19	16	11	21	20	16	11	21	20	16	11	21	20	16	11	21	19	16	11	20	18	15	10	
1050	945	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	
75	1050	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	
		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	
75	1050	ΔT	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	
1155	1050	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	
		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	
1155	1050	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	
		ΔT	19	18	14	10	19	18	15	10	19	18	15	10	20	18	15	11	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	
1155	1050	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	

Shaded area reflects ACCA (TVA) conditions

IDB: Entering Indoor Dry Bulb Temperature
High and low pressures are measured at the liquid and suction service valves.

Amps = outdoor unit amps (comp.+fan)
kW = Total system power

EXPANDED COOLING DATA — VSX130301D* / CA*F3030*6D* (CONT.)

IDB	Airflow	OUTDOOR AMBIENT TEMPERATURE																									
		65°F				75°F				85°F				95°F				105°F				115°F					
		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	
		ΔT	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		
	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		
	ΔT	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	945	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	
		ΔT	21	21	18	14	22	21	18	14	21	21	18	14	21	21	18	14	21	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
			ΔT	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	
		ΔT	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		
	ΔT	23	22	21	18	22	23	21	19	22	22	21	19	21	21	21	19	20	20	20	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
 High and low pressures are measured at the liquid and suction service valves.
 Shaded area reflects AHRI conditions
 Amps = outdoor unit amps (comp.+fan)
 kW = Total system power

EXPANDED COOLING DATA — VSX130361A* / CA*F4860*6**

IDB	Airflow	OUTDOOR AMBIENT TEMPERATURE												ENTERING INDOOR WET BULB TEMPERATURE												
		65°F				75°F				85°F				95°F				105°F				115°F				
		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	34.3	35.5	38.9	-	33.5	34.7	38.0	-	32.7	33.9	37.1	-	31.9	33.1	36.2	-	30.3	31.4	34.4	-	28.1	29.1	31.9	-
		S/T	0.72	0.60	0.42	-	0.75	0.63	0.43	-	0.77	0.64	0.44	-	0.79	0.66	0.46	-	0.82	0.69	0.48	-	0.83	0.69	0.48	-
		ΔT	17	15	11	-	17	15	11	-	17	15	11	-	17	15	11	-	17	15	11	-	16	14	10	-
	1200	KW	2.45	2.50	2.58	-	2.63	2.69	2.77	-	2.79	2.85	2.94	-	2.94	3.00	3.09	-	3.06	3.12	3.22	-	3.16	3.23	3.33	-
		Amps	8.8	9.0	9.3	-	9.6	9.8	10.1	-	10.4	10.7	11.0	-	11.1	11.4	11.8	-	11.9	12.2	12.6	-	12.6	12.9	13.4	-
		Hi PR	234	252	266	-	262	282	298	-	298	321	339	-	340	366	386	-	382	411	434	-	422	454	480	-
	1050	Lo PR	106	112	123	-	112	119	130	-	116	123	135	-	122	130	142	-	128	136	148	-	132	141	153	-
		MBh	33.3	34.5	37.8	-	32.5	33.7	36.9	-	31.7	32.9	36.1	-	31.0	32.1	35.2	-	29.4	30.5	33.4	-	27.3	28.3	31.0	-
		S/T	0.69	0.58	0.40	-	0.71	0.60	0.41	-	0.73	0.61	0.42	-	0.76	0.63	0.44	-	0.79	0.66	0.45	-	0.79	0.66	0.46	-
	75	1350	ΔT	18	15	12	-	18	15	12	-	18	15	12	-	18	16	12	-	18	16	12	-	17	14	11
KW			2.38	2.43	2.50	-	2.55	2.61	2.69	-	2.71	2.76	2.85	-	2.84	2.90	2.99	-	2.96	3.02	3.12	-	3.06	3.12	3.22	-
Amps			8.5	8.7	9.0	-	9.2	9.4	9.7	-	10.0	10.3	10.6	-	10.7	11.0	11.4	-	11.4	11.7	12.1	-	12.1	12.4	12.9	-
1200		Hi PR	224	242	255	-	252	271	286	-	286	308	326	-	326	351	371	-	367	395	417	-	406	436	461	-
		Lo PR	101	108	118	-	107	114	125	-	111	119	129	-	117	125	136	-	123	130	142	-	127	135	147	-
		MBh	30.7	31.9	34.9	-	30.0	31.1	34.1	-	29.3	30.4	33.3	-	28.6	29.6	32.5	-	27.2	28.2	30.8	-	25.2	26.1	28.6	-
1050		S/T	0.67	0.56	0.38	-	0.69	0.58	0.40	-	0.71	0.59	0.41	-	0.73	0.61	0.42	-	0.76	0.63	0.44	-	0.76	0.64	0.44	-
		ΔT	18	15	12	-	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	17	15	11	-
		KW	2.38	2.43	2.50	-	2.55	2.61	2.69	-	2.71	2.76	2.85	-	2.84	2.90	2.99	-	2.96	3.02	3.12	-	3.06	3.12	3.22	-
75		1350	Hi PR	236	254	268	280	265	285	301	314	301	324	342	357	343	369	390	407	386	415	439	458	427	459	485
	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
	MBh		33.9	34.9	37.7	40.5	33.1	34.1	36.9	39.6	32.3	33.2	36.0	38.6	31.5	32.4	35.1	37.7	29.9	30.8	33.3	35.8	27.7	28.5	30.9	33.2
	1200	S/T	0.78	0.70	0.53	0.34	0.81	0.73	0.55	0.35	0.83	0.75	0.56	0.36	0.86	0.77	0.58	0.37	0.89	0.80	0.60	0.39	0.90	0.81	0.61	0.39
		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	2.45	2.50	2.58	2.66	2.63	2.69	2.77	2.86	2.79	2.85	2.94	3.04	2.94	3.00	3.09	3.20	3.06	3.12	3.22	3.33	3.16	3.23	3.33	3.44
	1050	Amps	8.8	9.0	9.3	9.7	9.6	9.8	10.1	10.5	10.4	10.7	11.0	11.5	11.1	11.4	11.8	12.3	11.9	12.2	12.6	13.1	12.6	12.9	13.4	13.9
		Hi PR	234	252	266	277	262	282	298	311	298	321	339	354	340	366	386	403	382	411	434	453	422	454	480	501
		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	31.3	32.2	34.8	37.4	30.5	31.4	34.0	36.5	29.8	30.7	33.2	35.6	29.1	29.9	32.4	34.8	27.6	28.4	30.8	33.0	25.6	26.3	28.5	30.6
S/T		0.76	0.68	0.51	0.33	0.78	0.70	0.53	0.34	0.80	0.72	0.54	0.35	0.83	0.74	0.56	0.36	0.86	0.77	0.58	0.37	0.87	0.78	0.59	0.38	
ΔT		21	19	16	11	21	19	16	11	21	19	16	11	21	19	16	11	21	19	16	11	19	18	15	10	
1050	KW	2.40	2.45	2.52	2.60	2.57	2.63	2.71	2.79	2.73	2.79	2.87	2.96	2.87	2.93	3.02	3.12	2.98	3.05	3.14	3.25	3.08	3.15	3.25	3.36	
	Amps	8.6	8.8	9.1	9.4	9.3	9.5	9.8	10.2	10.1	10.4	10.7	11.1	10.8	11.1	11.5	11.9	11.5	11.8	12.2	12.7	12.2	12.6	13.0	13.5	
	Hi PR	227	244	258	269	254	274	289	302	289	311	329	343	330	355	375	391	371	399	421	439	410	441	466	486	
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		

IDB: Entering Indoor Dry Bulb Temperature
 High and low pressures are measured at the liquid and suction service valves.
 Shaded area is ACCA (TVA) conditions
 kW = Total system power
 Amps = outdoor unit amps (comp.+fan)

EXPANDED COOLING DATA — VSX130361B*/CA*F3642*6C*

IDB		65°F			75°F			85°F			95°F			105°F			115°F									
		OUTDOOR AMBIENT TEMPERATURE									ENTERING INDOOR WET BULB TEMPERATURE															
		AIRFLOW	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71				
70	1350	MBh	32.8	34.0	37.2	-	32.0	33.2	36.4	-	31.3	32.4	35.5	-	30.5	31.6	34.6	-	29.0	30.0	32.9	-	26.8	27.8	30.5	
		S/T	0.80	0.67	0.47	-	0.83	0.70	0.48	-	0.85	0.71	0.49	-	0.88	0.74	0.51	-	0.92	0.76	0.53	-	0.92	0.77	0.53	
		ΔT	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	17	15	11	
		kW	1.92	1.97	2.06	-	2.12	2.19	2.28	-	2.31	2.37	2.48	-	2.47	2.54	2.65	-	2.61	2.68	2.80	-	2.72	2.80	2.92	-
		Amps	10.4	10.6	11.0	-	11.2	11.5	11.9	-	12.2	12.5	12.9	-	13.0	13.4	13.8	-	13.9	14.2	14.7	-	14.7	15.1	15.6	-
		Hi/PR	200	215	227	-	224	241	255	-	255	275	290	-	291	313	330	-	327	352	371	-	361	389	410	-
	Lo/PR	97	104	113	-	103	109	119	-	107	114	124	-	112	119	130	-	118	125	137	-	122	130	141	-	
	986	MBh	31.7	32.8	36.0	-	30.9	32.1	35.1	-	30.2	31.3	34.3	-	29.5	30.5	33.5	-	28.0	29.0	31.8	-	25.9	26.9	29.4	
		S/T	0.76	0.63	0.44	-	0.78	0.66	0.45	-	0.80	0.67	0.47	-	0.83	0.69	0.48	-	0.86	0.72	0.50	-	0.87	0.73	0.50	
		ΔT	22	19	15	-	23	20	15	-	23	20	15	-	23	20	15	-	22	19	15	-	21	18	14	
		kW	1.88	1.93	2.02	-	2.08	2.14	2.23	-	2.26	2.32	2.42	-	2.42	2.49	2.59	-	2.55	2.62	2.74	-	2.67	2.74	2.86	-
		Amps	10.2	10.5	10.8	-	11.0	11.3	11.7	-	12.0	12.3	12.7	-	12.8	13.1	13.5	-	13.6	14.0	14.4	-	14.4	14.8	15.3	-
Hi/PR		196	211	223	-	220	237	250	-	250	269	284	-	285	307	324	-	320	345	364	-	354	381	402	-	
Lo/PR	95	102	111	-	101	107	117	-	105	112	122	-	110	117	128	-	115	123	134	-	119	127	139	-		
1050	MBh	32.0	33.2	36.3	-	31.2	32.4	35.5	-	30.5	31.6	34.6	-	29.8	30.8	33.8	-	28.3	29.3	32.1	-	26.2	27.1	29.7		
	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	-	0.89	0.74	0.51		
	ΔT	22	19	14	-	22	19	14	-	22	19	14	-	22	19	14	-	22	19	14	-	20	18	13		
	kW	1.88	1.94	2.02	-	2.08	2.15	2.24	-	2.26	2.33	2.43	-	2.42	2.49	2.60	-	2.56	2.63	2.74	-	2.67	2.75	2.87	-	
	Amps	10.2	10.5	10.8	-	11.1	11.3	11.7	-	12.0	12.3	12.7	-	12.8	13.1	13.6	-	13.7	14.0	14.5	-	14.5	14.8	15.3	-	
	Hi/PR	197	212	223	-	221	237	251	-	251	270	285	-	286	307	325	-	321	346	365	-	355	382	404	-	
Lo/PR	96	102	111	-	101	108	117	-	105	112	122	-	110	117	128	-	116	123	134	-	120	127	139	-		
75	1350	MBh	33.34	34.32	37.15	39.87	32.56	33.52	36.29	38.94	31.78	32.73	35.42	38.02	31.01	31.93	34.56	37.09	29.46	30.33	32.83	35.24	27.29	28.10	30.41	32.64
		S/T	0.91	0.82	0.62	0.40	0.95	0.85	0.64	0.41	0.97	0.87	0.66	0.42	1.00	0.90	0.68	0.44	1.00	0.93	0.70	0.45	1.00	0.94	0.71	0.46
		ΔT	21	19	16	11	21	19	16	11	21	19	16	11	21	19	16	11	20	19	16	11	19	18	15	10
		kW	1.94	2.00	2.08	2.18	2.15	2.21	2.31	2.41	2.33	2.40	2.50	2.61	2.50	2.57	2.68	2.79	2.63	2.71	2.83	2.95	2.75	2.83	2.95	3.08
		Amps	10.5	10.7	11.1	11.5	11.3	11.6	12.0	12.4	12.3	12.6	13.0	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	202	217	229	239	227	244	257	269	258	277	293	305	294	316	334	348	330	355	375	391	365	393	415	432
	Lo/PR	98	105	114	122	104	111	121	129	108	115	125	134	113	121	132	140	119	127	138	147	123	131	143	152	
	986	MBh	32.2	33.2	35.9	38.5	31.5	32.4	35.1	37.6	30.7	31.6	34.2	36.7	30.0	30.8	33.4	35.8	28.5	29.3	31.7	34.0	26.4	27.1	29.4	31.5
		S/T	0.86	0.77	0.58	0.37	0.89	0.80	0.60	0.39	0.91	0.82	0.62	0.40	0.94	0.84	0.64	0.41	0.98	0.88	0.66	0.43	0.99	0.88	0.67	0.43
		ΔT	26	24	19	13	26	24	20	14	26	24	20	14	26	24	20	14	26	24	20	14	24	22	18	13
		kW	1.90	1.95	2.04	2.13	2.10	2.16	2.26	2.36	2.28	2.35	2.45	2.56	2.44	2.51	2.62	2.73	2.58	2.65	2.77	2.89	2.70	2.77	2.89	3.02
		Amps	10.3	10.6	10.9	11.3	11.1	11.4	11.8	12.2	12.1	12.4	12.8	13.3	12.9	13.2	13.7	14.2	13.7	14.1	14.6	15.1	14.6	14.9	15.4	16.0
Hi/PR		198	213	225	235	222	239	252	263	253	272	287	299	288	310	327	341	324	348	368	384	358	385	406	424	
Lo/PR	96	103	112	119	102	108	118	126	106	113	123	131	111	118	129	138	117	124	135	144	121	128	140	149		
1050	MBh	32.5	33.5	36.3	38.9	31.8	32.7	35.4	38.0	31.0	31.9	34.6	37.1	30.3	31.16	33.7	36.2	28.7	29.6	32.0	34.4	26.6	27.4	29.7	31.9	
	S/T	0.88	0.78	0.59	0.38	0.91	0.81	0.62	0.40	0.93	0.83	0.63	0.41	0.96	0.86	0.65	0.42	1.00	0.89	0.68	0.43	1.00	0.90	0.68	0.44	
	ΔT	25	23	19	13	25	23	19	13	25	23	19	13	25	23	19	13	25	23	19	13	23	22	18	12	
	kW	1.90	1.96	2.05	2.14	2.11	2.17	2.27	2.36	2.29	2.36	2.46	2.57	2.45	2.52	2.63	2.74	2.59	2.66	2.78	2.89	2.70	2.78	2.90	3.03	
	Amps	10.3	10.6	10.9	11.3	11.2	11.4	11.8	12.2	12.1	12.4	12.8	13.3	13.0	13.3	13.7	14.2	13.8	14.1	14.6	15.1	14.6	15.0	15.5	16.1	
	Hi/PR	199	214	226	235	223	240	253	264	253	273	288	300	289	311	328	342	325	349	369	385	359	386	408	425	
Lo/PR	97	103	112	120	102	109	119	126	106	113	123	131	112	119	130	138	117	124	136	145	121	129	140	150		

kW = Total system power
Amps = outdoor unit amps (comp.+fan)

Shaded area is ACCA (TVA) conditions

IDB: Entering Indoor Dry Bulb Temperature
High and low pressures are measured at the liquid and suction service valves.

EXPANDED COOLING DATA — VSX130361B* / CA*F3642*6C* (CONT.)

IDB	AIRFLOW	OUTDOOR AMBIENT TEMPERATURE																								
		65°F				75°F				85°F				95°F				105°F				115°F				
		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	33.93	34.67	37.04	39.59	33.14	33.86	36.18	38.67	32.35	33.06	35.32	37.75	31.56	32.25	34.46	36.83	29.98	30.64	32.73	34.99	27.77	28.38	30.32	32.41
		S/T	1.00	0.94	0.77	0.57	1.00	1.00	0.79	0.59	1.00	1.00	0.81	0.61	1.00	1.00	0.84	0.63	1.00	1.00	0.87	0.65	1.00	1.00	0.88	0.66
		ΔT	23	22	19	15	23	23	20	16	22	23	20	16	21	22	20	16	20	21	19	16	19	19	18	14
		kW	1.96	2.02	2.11	2.20	2.17	2.24	2.33	2.43	2.36	2.43	2.53	2.64	2.52	2.60	2.71	2.82	2.66	2.74	2.86	2.98	2.78	2.86	2.99	3.11
		Amps	10.6	10.8	11.2	11.6	11.4	11.7	12.1	12.5	12.4	12.7	13.1	13.6	13.3	13.6	14.1	14.6	14.1	14.5	15.0	15.5	15.0	15.3	15.9	16.5
		Hi PR	204	220	232	242	229	246	260	271	260	280	296	309	296	319	337	351	334	359	379	395	369	397	419	437
	Lo PR	99	106	115	123	105	112	122	130	109	116	127	135	115	122	133	142	120	128	139	149	124	132	144	154	
	MBh	32.8	33.5	35.8	38.3	32.0	32.7	35.0	37.4	31.3	31.9	34.1	36.5	30.5	31.2	33.3	35.6	29.0	29.6	31.6	33.8	26.8	27.4	29.3	31.3	
	S/T	0.94	0.88	0.72	0.54	0.98	0.92	0.75	0.56	1.00	0.94	0.77	0.57	1.00	0.97	0.79	0.59	1.00	1.00	0.82	0.61	1.00	1.00	0.83	0.62	
	ΔT	29	28	24	19	29	28	24	19	29	28	24	19	28	28	25	20	27	28	24	19	25	26	23	18	
	kW	1.92	1.97	2.06	2.15	2.12	2.19	2.28	2.38	2.31	2.38	2.48	2.59	2.47	2.54	2.65	2.76	2.61	2.68	2.80	2.92	2.72	2.80	2.92	3.05	
	Amps	10.4	10.6	11.0	11.4	11.2	11.5	11.9	12.3	12.2	12.5	12.9	13.4	13.0	13.4	13.8	14.3	13.9	14.2	14.7	15.2	14.7	15.1	15.6	16.2	
Hi PR	200	215	227	237	224	241	255	266	255	275	290	302	291	313	330	345	327	352	372	388	361	389	411	428		
Lo PR	97	104	113	120	103	109	120	127	107	114	124	132	112	120	131	139	118	125	137	146	122	130	141	151		
MBh	33.1	33.8	36.1	38.6	32.3	33.0	35.3	37.7	31.6	32.3	34.5	36.8	30.8	31.5	33.6	35.9	29.3	29.9	31.9	34.1	27.1	27.7	29.6	31.6		
S/T	0.96	0.90	0.73	0.55	1.00	0.94	0.76	0.57	1.00	0.96	0.78	0.58	1.00	0.99	0.81	0.60	1.00	1.00	0.84	0.62	1.00	1.00	0.84	0.63		
ΔT	28	27	23	19	28	27	24	19	28	27	24	19	27	27	24	19	26	26	23	19	24	24	22	17		
kW	1.92	1.98	2.07	2.16	2.13	2.19	2.29	2.39	2.32	2.38	2.49	2.59	2.48	2.55	2.66	2.77	2.61	2.69	2.81	2.93	2.73	2.81	2.93	3.06		
Amps	10.4	10.7	11.0	11.4	11.3	11.5	11.9	12.4	12.2	12.5	12.9	13.4	13.1	13.4	13.8	14.4	13.9	14.3	14.7	15.3	14.7	15.1	15.6	16.2		
Hi PR	201	216	228	238	225	242	256	267	256	275	291	303	292	314	331	346	328	353	373	389	362	390	412	430		
Lo PR	98	104	113	121	103	110	120	128	107	114	125	133	113	120	131	139	118	126	137	146	122	130	142	151		
85	1350	MBh	34.52	35.19	36.85	39.32	33.72	34.37	36.00	38.40	32.92	33.55	35.14	37.49	32.11	32.73	34.28	36.57	30.51	31.10	32.57	34.75	28.26	28.81	30.17	32.19
		S/T	1.00	1.00	0.92	0.74	1.00	1.00	0.95	0.77	1.00	1.00	0.97	0.79	1.00	1.00	0.90	0.81	1.00	1.00	0.90	0.85	1.00	1.00	0.90	0.85
		ΔT	24	24	23	20	23	23	23	20	22	23	23	20	22	22	23	20	21	21	22	20	19	20	21	19
		kW	1.98	2.04	2.13	2.22	2.20	2.26	2.36	2.46	2.38	2.45	2.56	2.67	2.55	2.62	2.74	2.85	2.69	2.77	2.89	3.01	2.81	2.89	3.02	3.15
		Amps	10.7	10.9	11.3	11.7	11.5	11.8	12.2	12.7	12.5	12.8	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	206	222	234	244	231	249	263	274	263	283	299	312	299	322	340	355	337	363	383	399	372	401	423	441
	Lo PR	100	107	117	124	106	113	123	131	110	117	128	136	116	123	134	143	121	129	141	150	125	133	146	155	
	MBh	33.4	34.0	35.6	38.0	32.6	33.2	34.8	37.1	31.8	32.4	34.0	36.2	31.0	31.6	33.1	35.3	29.5	30.0	31.5	33.6	27.3	27.8	29.1	31.1	
	S/T	0.99	0.95	0.86	0.70	1.00	0.99	0.89	0.72	1.00	1.00	0.92	0.74	1.00	1.00	0.94	0.77	1.00	1.00	0.98	0.80	1.00	1.00	0.99	0.80	
	ΔT	31	30	29	25	30	31	29	25	30	30	29	25	29	29	29	25	27	28	29	25	25	26	27	23	
	kW	1.94	2.00	2.08	2.18	2.15	2.21	2.31	2.41	2.33	2.40	2.50	2.61	2.50	2.57	2.68	2.79	2.63	2.71	2.83	2.95	2.75	2.83	2.95	3.08	
	Amps	10.5	10.7	11.1	11.5	11.3	11.6	12.0	12.4	12.3	12.6	13.0	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	202	217	230	239	227	244	258	269	258	277	293	305	294	316	334	348	330	355	375	391	365	393	415	432		
Lo PR	98	105	114	122	104	111	121	129	108	115	125	134	113	121	132	140	119	127	138	147	123	131	143	152		
MBh	33.7	34.3	36.0	38.4	32.9	33.5	35.1	37.5	32.1	32.7	34.3	36.6	31.3	31.9	33.5	35.7	29.8	30.3	31.8	33.9	27.6	28.1	29.4	31.4		
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	0.98	0.81	1.00	1.00	0.99	0.82		
ΔT	29	29	28	24	29	29	28	24	28	29	28	24	27	28	28	24	26	27	28	24	24	25	26	22		
kW	1.95	2.00	2.09	2.18	2.16	2.22	2.32	2.42	2.34	2.41	2.51	2.62	2.50	2.58	2.69	2.80	2.64	2.72	2.84	2.96	2.76	2.84	2.96	3.09		
Amps	10.5	10.8	11.1	11.5	11.4	11.6	12.0	12.5	12.3	12.6	13.1	13.6	13.2	13.5	14.0	14.5	14.0	14.4	14.9	15.4	14.9	15.2	15.8	16.4		
Hi PR	203	218	230	240	227	245	258	269	259	278	294	306	294	317	335	349	331	356	376	393	366	394	416	434		
Lo PR	99	105	115	122	104	111	121	129	108	115	126	134	114	121	132	141	119	127	139	148	123	131	143	153		

Shaded area is AHRI (TVA) conditions
 kW = Total system power
 Amps = outdoor unit amps (comp. + fan)

EXPANDED COOLING DATA — VSX130361D* / CA*F3636*6D*

IDB	Airflow	OUTDOOR AMBIENT TEMPERATURE												ENTERING INDOOR WET BULB TEMPERATURE												
		65°F				75°F				85°F				95°F				105°F				115°F				
		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	-
		ΔT	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	-
		Amps	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	-	
	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	-	
	ΔT	17	15	11	-	17	15	11	-	17	15	11	-	18	15	12	-	18	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	-		
Amps	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	-		
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	-		
ΔT	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	-		
Amps	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	0.85	0.80	0.60	0.39	0.92	0.82	0.62	0.40	0.96	0.85	0.65	0.42	0.92	0.82	0.62	0.40
		ΔT	19	18	14	10	19	18	15	10	19	18	15	10	20	18	15	10	20	19	15	10	18	15	10	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
		Amps	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	
	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	
	ΔT	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		
Amps	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		
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		
ΔT	20	19	15	11	21	19	15	11	21	19	15	11	21	19	16	11	21	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		
Amps	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		

Amperes = outdoor unit amps (comp.+fan)
kW = Total system power

Shaded area reflects ACCA (TVA) conditions

IDB: Entering Indoor Dry Bulb Temperature
High and low pressures are measured at the liquid and suction service valves.

EXPANDED COOLING DATA — VSX130361D* / CA*F3636*6D* (CONT.)

IDB	Airflow	OUTDOOR AMBIENT TEMPERATURE												ENTERING INDOOR WET BULB TEMPERATURE													
		65°F				75°F				85°F				95°F				105°F				115°F					
		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	
		ΔT	21	20	18	14	22	21	18	14	22	21	18	14	22	21	18	15	22	21	18	14	19	19	17	13	
	1200	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	
		Amps	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	
	1050	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	
		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	
	85	1350	ΔT	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
			Amps	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
1200		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	
		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	
1050		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	
		ΔT	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	
1350		Amps	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	
		ΔT	23	22	21	18	23	23	21	19	23	23	21	19	22	22	22	22	21	21	21	18	19	20	20	17	
	1200	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	
		Amps	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	
	1050	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	
		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	
	85	1350	ΔT	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
			Amps	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
1200		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	
		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	
1050		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	
		ΔT	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	
1350		Amps	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	

Amperage = outdoor unit amps (comp.+fan)
kW = Total system power

Shaded area reflects AHRI conditions

IDB: Entering Indoor Dry Bulb Temperature
High and low pressures are measured at the liquid and suction service valves.

EXPANDED COOLING DATA — VSX130421** / CA*F3642*6D*

IDB	Airflow	OUTDOOR AMBIENT TEMPERATURE																								
		65°F				75°F				85°F				95°F				105°F				115°F				
		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	-	
	1175	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	-		
75	1525	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	-	
	1175	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	20	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		
1175	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
 High and low pressures are measured at the liquid and suction service valves.
 Shaded area is ACCA (TVA) conditions
 kW = Total system power
 Amps = outdoor unit amps (comp.+fan)

EXPANDED COOLING DATA — VSX130421** / CA*F3642*6D* (CONT.)

IDB	Airflow	OUTDOOR AMBIENT TEMPERATURE																								
		65°F				75°F				85°F				95°F				105°F				115°F				
		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	
	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		
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	25	24	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	22	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	
	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		
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
 High and low pressures are measured at the liquid and suction service valves.
 Shaded area is AHRI (TVA) conditions
 kW = Total system power
 Amps = outdoor unit amps (comp.-fan)

EXPANDED COOLING DATA — VSX130481** / CA*F4860*D*

IDB		OUTDOOR AMBIENT TEMPERATURE																								
		65°F				75°F				85°F				95°F				105°F				115°F				
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	
		ENTERING INDOOR WET BULB TEMPERATURE																								
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	-
		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	-
70		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	-
		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	-
		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	21	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
		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
		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
 High and low pressures are measured at the liquid and suction service valves.
 Shaded area is ACCA (TVA) conditions
 kW = Total system power
 Amps = outdoor unit amps (comp.+fan)

EXPANDED COOLING DATA — VSX130481** / CA*F4860*D* (CONT.)

IDB	Airflow	OUTDOOR AMBIENT TEMPERATURE																								
		65°F				75°F				85°F				95°F				105°F				115°F				
		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	22	23	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	
	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		
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	
	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		
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	26	26	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		

Shaded area is AHRI (TVA) conditions
 kW = Total system power
 Amps = outdoor unit amps (comp. + fan)

EXPANDED COOLING DATA — VSX130601B* / CA*F4961*6A*

IDB	Airflow	OUTDOOR AMBIENT TEMPERATURE																								
		65°F				75°F				85°F				95°F				105°F				115°F				
		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	-	
	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	-	
	ΔT	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	-		
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	-		
ΔT	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	58.6	62.9	51.3	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	0.82	0.73	0.55	0.36	0.84	0.75	0.57	0.36	0.86	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	17	12	23	21	17	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	
	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	
	ΔT	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		
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		
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	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
 High and low pressures are measured at the liquid and suction service valves.
 Shaded area is ACCA (TVA) conditions
 kW = Total system power
 Amps = outdoor unit amps (comp.+fan)

EXPANDED COOLING DATA — VSX130601B* / CA*F4961*6A* (CONT.)

IDB	AIRFLOW	OUTDOOR AMBIENT TEMPERATURE																								
		65°F				75°F				85°F				95°F				105°F				115°F				
		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
		ΔT	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	
	ΔT	24	23	20	16	24	23	20	16	24	23	20	16	25	24	20	16	25	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	22	29	28	27	23	29	28	27	23	29	28	27	23	29	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
		ΔT	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	
	ΔT	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
 High and low pressures are measured at the liquid and suction service valves.
 Shaded area is AHRI (TVA) conditions
 kW = Total system power
 Amps = outdoor unit amps (comp.+fan)

AHRI RATINGS

OUTDOOR UNIT	INDOOR UNITS		COOLING CAPACITY (BTU/H)				CFM	AHRI #
	COISL /AIR HANDLERS	FURNACES	TOTAL	SENSIBLE	SEER ¹	EER ²		
VSX13 0181E*	ACNF18XX16D*		16,800	12,800	13.0	10.8	600	5039764
	ACNF24XX16D*		17,000	13,000	13.0	10.8	600	5039765
	ARPT18B14A*		17,400	13,300	13.0	11.0	600	5360158
	ARPT24B14A*		17,200	13,100	13.0	11.0	600	5458794
	ARUF18B14A*		17,200	13,100	13.0	11.0	600	5360159
	ARUF18B14A*+TXV		17,200	13,100	13.0	11.0	600	5458792
	ARUF24B14A*		17,200	13,100	13.0	11.0	600	5501295
	ARUF24B14A*+TXV		17,200	13,100	13.0	11.0	600	5458793
	ASPF183016E*		18,800	14,300	14.0	11.5	635	5039768
	AVPTC183014A*		17,800	13,600	14.0	11.5	600	5039769
	AWUF18XX16B*		17,200	13,100	13.0	11.0	600	5039770
	AWUF31XX16A*		17,200	13,100	14.0	11.3	600	5039771
	CA*F1824*6D*	A*VC80604B*B*	18,000	13,700	14.0	11.5	675	5039773
	CA*F1824*6D*	G*E80603B*B*	17,800	13,600	14.0	11.5	640	5039775
	CA*F1824*6D*	G*VC80604B*B*	18,000	13,700	14.0	11.5	670	5039777
	CA*F1824*6D*	G*VC950453BXA*	17,800	13,600	14.0	11.5	640	5039779
	CA*F1824*6D*	G*VC950704CXA*	17,800	13,600	14.0	11.5	640	5532828
	CA*F1824*6D*	G*VM960603BXA*	18,000	13,700	14.0	11.5	670	5039780
	CA*F1824*6D*+EEP		17,800	13,600	13.0	11.0	650	5039781
	CA*F1824*6D*+MBVC1200**-1A*		18,200	13,900	14.0	11.5	640	5039782
	CA*F3030*6D*+EEP		18,000	13,700	13.0	11.0	650	5561918
	CA*F3030*6D*+EEP+TXV		18,000	13,700	13.0	11.0	650	5581979
	CA*F3131*6D*+EEP		18,000	13,700	13.0	11.0	650	5561919
	CA*F3131*6D*+EEP+TXV		18,000	13,700	13.0	11.0	650	5561920
	CHPF1824A6C*+EEP		17,800	13,600	13.0	11.0	650	5039783
	CHPF2430B6C*	A*VC80604B*B*	17,700	13,500	14.0	11.5	660	5039803
	CHPF2430B6C*	G*E80603B*B*	18,000	13,700	14.0	11.5	640	5039785
	CHPF2430B6C*	G*VC80604B*B*	17,700	13,500	14.0	11.5	660	5039805
	CHPF2430B6C*	G*VC950453BXA*	18,200	13,900	14.0	11.5	650	5039787
	CHPF2430B6C*	G*VM960603BXA*	18,200	13,900	14.0	11.5	675	5039788
	CHPF2430B6C*+EEP		17,800	13,600	13.0	11.0	650	5039789
	CHPF2430B6C*+MBVC1200**-1A*		18,200	13,900	14.0	11.5	650	5039790
CSCF1824N6D*	A*VC80604B*B*	17,700	13,500	14.0	11.5	660	5039807	
CSCF1824N6D*	G*E80603B*B*	18,000	13,700	14.0	11.5	640	5039791	
CSCF1824N6D*	G*VC80604B*B*	17,700	13,500	14.0	11.5	660	5039808	
CSCF1824N6D*	G*VC950453BXA*	18,200	13,900	14.0	11.5	650	5039792	
CSCF1824N6D*	G*VM960603BXA*	18,200	13,900	14.0	11.5	670	5039793	
CSCF1824N6D*+EEP		17,800	13,600	13.0	11.0	650	5039794	
VSX13 0241D*	ACNF24XX16D*		22,400	16,500	13.0	11.0	770	4717893
	ARPT24B14A*		22,400	16,500	13.0	11.0	800	5360160
	ARUF24B14A*		22,000	16,200	13.0	11.0	800	5360161
	ARUF24B14A*+TXV		22,000	16,200	13.0	11.0	800	5458795
	ASPF183016E*		23,400	17,200	14.0	11.5	800	4717902
	AVPTC183014A*		23,400	17,200	14.0	11.5	820	4717903
	AWUF24XX16B*		23,000	16,900	13.0	11.0	800	4717904
	AWUF30XX16B*		23,200	17,100	13.0	11.0	800	4717905
	AWUF31XX16A*		23,000	16,900	14.0	11.3	800	4717906
	AWUF32XX16A*		23,000	16,900	14.0	11.3	800	4717907
	CA*F1824*6D*	G*E80603B*B*	23,000	16,900	14.0	11.5	860	5039079
	CA*F1824*6D*	G*VC950453BXA*	23,000	16,900	14.0	11.5	800	4717914
	CA*F1824*6D*	G*VC950704CXA*	23,000	16,900	14.0	11.5	800	4717915
	CA*F1824*6D*	G*VM960603BXA*	23,000	16,900	14.0	11.5	800	4717916
	CA*F1824*6D*+EEP		23,000	16,900	13.0	11.0	800	4717917
CA*F1824*6D*+MBVC1200**-1A*		23,000	16,900	14.0	11.5	800	4717918	

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AHRI RATINGS (CONT.)

OUTDOOR UNIT	INDOOR UNITS		COOLING CAPACITY (BTU/H)				CFM	AHRI #
	COISL /AIR HANDLERS	FURNACES	TOTAL	SENSIBLE	SEER ¹	EER ²		
VSX13 0241D* (cont.)	CA*F3030*6D*+EEP		23,000	16,900	13.0	11.0	800	5561921
	CA*F3030*6D*+EEP+TXV		23,000	16,900	13.0	11.0	800	5581980
	CA*F3131*6D*+EEP		23,000	16,900	13.0	11.0	800	5561922
	CA*F3131*6D*+EEP+TXV		23,000	16,900	13.0	11.0	800	5561923
	CA*F3636*6D*+EEP		23,000	16,900	13.0	11.0	800	5561924
	CA*F3636*6D*+EEP+TXV		23,000	16,900	13.0	11.0	800	5561925
	CHPF1824A6C*+EEP		23,000	16,900	13.0	11.0	800	4717919
	CHPF2430B6C*	G*E80603B*B*	23,000	16,900	14.0	11.5	860	5038929
	CHPF2430B6C*	G*VC950453BXA*	23,400	17,200	14.0	11.5	800	4717921
	CHPF2430B6C*	G*VM960603BXA*	23,400	17,200	14.0	11.5	800	4717922
	CHPF2430B6C*+EEP		23,000	16,900	13.0	11.0	800	4717923
	CHPF2430B6C*+MBVC1200**-1A*		23,400	17,200	14.0	11.5	800	4717924
VSX13 0301A*	ACNF30XX16D*		27,600	20,800	13.0	11.0	890	4689683
	ARPT30B14A*		27,000	20,400	13.0	11.0	900	5385499
	ARUF30B14A*		27,000	20,400	13.0	11.0	900	5385498
	ARUF30B14A*+TXV		27,000	20,400	13.0	11.0	900	5385492
	ARUF36C14A*		27,200	20,600	13.0	11.0	1,000	5385496
	ARUF36C14A*+TXV		27,200	20,600	13.5	11.5	1,000	5385497
	ASPF183016E*		28,400	21,400	14.0	11.5	1,050	4244358
	AVPTC183014A*		28,400	21,400	14.0	11.5	1,000	4431249
	AWUF30XX16B*		27,600	20,800	13.0	11.0	1,000	3647834
	AWUF36XX16B*		27,800	21,000	13.0	11.0	1,000	3647835
	AWUF37XX16B*		28,000	21,200	13.0	11.0	1,000	3647836
	CA*F3030*6D*	A*VC950714CXA*	28,400	21,400	14.0	11.5	1,000	4586453
	CA*F3030*6D*	A*VM960604CXA*	28,400	21,400	14.0	11.5	1,000	4652222
	CA*F3030*6D*	G*VC950453BXA*	28,400	21,400	14.0	11.5	1,000	4355513
	CA*F3030*6D*	G*VC950704CXA*	28,400	21,400	14.0	11.5	1,000	4355514
	CA*F3030*6D*	G*VC950714CXA*	28,400	21,400	14.0	11.5	1,000	4355515
	CA*F3030*6D*	G*VM960603BXA*	28,400	21,400	14.0	11.5	1,000	4652212
	CA*F3030*6D*	G*VM960604CXA*	28,400	21,400	14.0	11.5	1,000	4652223
	CA*F3030*6D*+EEP		28,400	21,400	13.0	11.0	1,050	4355517
	CA*F3131*6D*	A*VC950714CXA*	28,600	21,600	14.0	11.5	1,050	4586455
	CA*F3131*6D*	A*VM960604CXA*	28,600	21,600	14.0	11.5	1,050	4652271
	CA*F3131*6D*	G*VC950453BXA*	28,600	21,600	14.0	11.5	1,000	4385562
	CA*F3131*6D*	G*VC950704CXA*	28,400	21,400	14.0	11.5	900	4385565
	CA*F3131*6D*	G*VC950714CXA*	28,600	21,600	14.0	11.5	1,050	4385563
	CA*F3131*6D*	G*VM960603BXA*	28,600	21,600	14.0	11.5	1,000	4652263
	CA*F3131*6D*	G*VM960604CXA*	28,600	21,600	14.0	11.5	1,050	4652270
	CA*F3131*6D*+EEP		28,600	21,600	13.0	11.0	1,050	4385566
	CA*F3131*6D*+MBVC1200**-1A*		28,400	21,400	14.0	11.5	950	4385567
	CA*F3636*6D*+EEP		28,400	21,400	13.0	11.0	1,000	5582207
	CA*F3636*6D*+EEP+TXV		28,400	21,400	13.0	11.0	1,000	5582208
	CA*F3642*6D*+EEP		28,400	21,400	13.0	11.0	1,000	5582209
	CA*F3642*6D*+EEP+TXV		28,400	21,400	13.0	11.0	1,000	5582210
	CA*F3743*6D*+EEP		28,400	21,400	13.5	11.0	1,000	5582211
	CA*F3743*6D*+EEP+TXV		28,400	21,400	13.5	11.0	1,000	5582212
	CHPF2430B6C*	A*VM960604CXA*	28,400	21,400	14.0	11.5	1,000	4652227
	CHPF2430B6C*	G*VC950453BXA*	28,400	21,400	14.0	11.5	1,000	3639553
CHPF2430B6C*	G*VM960603BXA*	28,400	21,400	14.0	11.5	1,000	4652214	
CHPF2430B6C*	G*VM960604CXA*	28,400	21,400	14.0	11.5	1,000	4652225	
CHPF2430B6C*+EEP		28,400	21,400	13.0	11.0	1,050	3639433	
CHPF2430B6C*+MBVC1200**-1A*		28,400	21,400	14.0	11.5	1,050	3639472	
CSCF3036N6D*	G*VC950453BXA*	28,400	21,400	14.0	11.3	1,000	4767553	
CSCF3036N6D*+EEP		28,400	21,400	13.0	11.0	1,000	4767554	

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AHRI RATINGS (CONT.)

OUTDOOR UNIT	INDOOR UNITS		COOLING CAPACITY (BTU/H)				CFM	AHRI #
	COISL /AIR HANDLERS	FURNACES	TOTAL	SENSIBLE	SEER ¹	EER ²		
VSX13 0361A*	ARPT36C14A*		33,000	24,800	13.0	11.0	1,175	5464288
	ARPT42D14A*		34,200	25,800	13.5	11.3	1,200	5501074
	ARUF36C14A*		33,000	24,800	13.0	11.0	1,020	5501294
	ARUF36C14A*+TXV		34,000	25,600	13.0	11.0	1,275	5464287
	ARUF42C14A*		34,200	25,800	13.0	11.0	1,175	5501076
	ARUF42C14A*+TXV		34,200	25,800	13.0	11.0	1,175	5458796
	ASPF313716E*		33,600	25,400	14.0	11.5	1,200	4355459
	AVPTC313714A*		33,600	25,400	14.0	11.5	1,200	4431256
	AWUF36XX16B*		33,400	25,200	13.0	11.0	1,150	3647842
	AWUF37XX16B*		33,600	25,400	13.0	11.0	1,200	3647843
	CA*F3636*6D*	A*VC950714CXA*	33,600	25,400	13.5	11.3	1,210	4586461
	CA*F3636*6D*	A*VC950915DXA*	33,600	25,400	13.5	11.3	1,210	4594633
	CA*F3636*6D*	A*VM960604CXA*	33,600	25,400	13.5	11.3	1,210	4652672
	CA*F3636*6D*	G*VC950714CXA*	33,600	25,400	13.5	11.3	1,210	4392812
	CA*F3636*6D*	G*VC950905CXA*	33,600	25,400	13.5	11.3	1,210	4392813
	CA*F3636*6D*	G*VC950905DXA*	33,600	25,400	13.5	11.3	1,210	4392814
	CA*F3636*6D*	G*VC950915DXA*	33,600	25,400	13.5	11.3	1,210	4392815
	CA*F3636*6D*	G*VC951155DXA*	33,600	25,400	13.5	11.3	1,210	4392816
	CA*F3636*6D*	G*VM960604CXA*	33,600	25,400	13.5	11.3	1,210	4652671
	CA*F3636*6D*	G*VM960805CXA*	33,600	25,400	13.5	11.3	1,210	4652645
	CA*F3636*6D*	G*VM960805DXA*	33,600	25,400	13.5	11.3	1,210	4652701
	CA*F3636*6D*	G*VM961005DXA*	33,600	25,400	13.5	11.3	1,210	4652625
	CA*F3636*6D*	G*VM961155DXA*	33,600	25,400	13.5	11.3	1,210	4652605
	CA*F3636*6D*+EEP		33,600	25,400	13.0	11.0	1,200	4392817
	CA*F3642*6D*	A*VC950714CXA*	34,000	25,600	14.0	11.5	1,210	4586463
	CA*F3642*6D*	A*VC950915DXA*	34,000	25,600	14.0	11.5	1,210	4594635
	CA*F3642*6D*	A*VM960604CXA*	34,000	25,600	14.0	11.5	1,210	4652747
	CA*F3642*6D*	G*VC950714CXA*	34,000	25,600	14.0	11.5	1,210	4202184
	CA*F3642*6D*	G*VC950905CXA*	34,000	25,600	14.0	11.5	1,210	4201449
	CA*F3642*6D*	G*VC950905DXA*	34,000	25,600	14.0	11.5	1,210	3880048
	CA*F3642*6D*	G*VC950915DXA*	34,000	25,600	14.0	11.5	1,210	4202133
	CA*F3642*6D*	G*VC951155DXA*	34,000	25,600	14.0	11.5	1,210	3880049
	CA*F3642*6D*	G*VM960604CXA*	34,000	25,600	14.0	11.5	1,210	4652744
	CA*F3642*6D*	G*VM960805CXA*	34,000	25,600	14.0	11.5	1,210	4652737
	CA*F3642*6D*	G*VM960805DXA*	34,000	25,600	14.0	11.5	1,210	4652762
	CA*F3642*6D*	G*VM961005DXA*	34,000	25,600	14.0	11.5	1,210	4652729
	CA*F3642*6D*	G*VM961155DXA*	34,000	25,600	14.0	11.5	1,210	4652721
	CA*F3642*6D*+EEP		33,600	25,400	13.0	11.0	1,200	5458207
	CA*F3642*6D*+MBVC1600**-1A*		34,000	25,600	14.0	11.5	1,200	3880064
	CA*F3743*6D*	A*VC950714CXA*	34,000	25,600	14.0	11.5	1,210	4586465
	CA*F3743*6D*	A*VC950915DXA*	34,000	25,600	14.0	11.5	1,210	4594637
	CA*F3743*6D*	A*VM960604CXA*	34,000	25,600	14.0	11.5	1,210	4652753
CA*F3743*6D*	G*VC950714CXA*	34,000	25,600	14.0	11.5	1,210	4415176	
CA*F3743*6D*	G*VC950905CXA*	34,000	25,600	14.0	11.5	1,210	4415154	
CA*F3743*6D*	G*VC950905DXA*	34,000	25,600	14.0	11.5	1,210	4415107	
CA*F3743*6D*	G*VC950915DXA*	34,000	25,600	14.0	11.5	1,210	4415175	
CA*F3743*6D*	G*VC951155DXA*	34,000	25,600	14.0	11.5	1,210	4415108	

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AHRI RATINGS (CONT.)

OUTDOOR UNIT	INDOOR UNITS		COOLING CAPACITY (BTU/H)				CFM	AHRI #
	COISL /AIR HANDLERS	FURNACES	TOTAL	SENSIBLE	SEER ¹	EER ²		
VSX13 0361A* (cont.)	CA*F3743*6D*	G*VM960604CXA*	34,000	25,600	14.0	11.5	1,210	4652755
	CA*F3743*6D*	G*VM960805CXA*	34,000	25,600	14.0	11.5	1,210	4652741
	CA*F3743*6D*	G*VM960805DXA*	34,000	25,600	14.0	11.5	1,210	4652766
	CA*F3743*6D*	G*VM961005DXA*	34,000	25,600	14.0	11.5	1,210	4652733
	CA*F3743*6D*	G*VM961155DXA*	34,000	25,600	14.0	11.5	1,210	4652725
	CA*F3743*6D*+MBVC1600**-1A*		34,000	25,600	14.0	11.5	1,200	4415103
	CHPF3636B6C*+EEP		34,000	25,600	13.0	11.0	1,200	3639441
	CHPF3642C6C*+EEP		34,000	25,600	13.0	11.0	1,200	3639442
	CHPF3642C6C*+MBVC1600**-1A*		34,000	25,600	14.0	11.5	1,200	3639479
	CHPF3642D6C*	A*VM960604CXA*	33,600	25,400	14.0	11.5	1,210	4652689
	CHPF3642D6C*	G*VC950905CXA*	33,600	25,400	14.0	11.5	1,210	4201451
	CHPF3642D6C*	G*VC950905DXA*	33,600	25,400	14.0	11.5	1,210	3639598
	CHPF3642D6C*	G*VC951155DXA*	33,600	25,400	14.0	11.5	1,210	3639599
	CHPF3642D6C*	G*VM960604CXA*	33,600	25,400	14.0	11.5	1,210	4652686
	CHPF3642D6C*	G*VM960805CXA*	33,600	25,400	14.0	11.5	1,210	4652653
	CHPF3642D6C*	G*VM960805DXA*	33,600	25,400	14.0	11.5	1,210	4652710
	CHPF3642D6C*	G*VM961005DXA*	33,600	25,400	14.0	11.5	1,210	4652631
	CHPF3642D6C*	G*VM961155DXA*	33,600	25,400	14.0	11.5	1,210	4652611
	CHPF3642D6C*+EEP		34,000	25,600	13.0	11.0	1,200	3639443
VSX13 0421A*	ARPT42D14A*		40,000	30,600	13.0	11.0	1,280	5526728
	ARPT48D14A*		40,500	31,000	13.5	11.5	1,280	5526729
	ARUF42C14A*		39,500	30,200	13.0	11.0	1,280	5526730
	ARUF42C14A*+TXV		39,500	30,200	13.0	11.0	1,280	5526731
	ARUF48D14A*		39,500	30,200	13.0	11.0	1,350	5526732
	ASUF49C14A*		39,500	30,000	13.5	11.5	1,310	5620417
	ASUF49C14A*+TXV		39,500	29,200	13.8	11.7	1,310	5620418
	ASPF426016E*		41,000	31,400	14.0	11.5	1,400	4358280
	AVPTC426014A*		41,000	31,400	14.0	11.5	1,475	4431267
	CA*F3642*6D*	G*E80805C*B*	40,000	30,600	13.0	11.3	1,350	5526734
	CA*F3642*6D*+EEP		40,000	30,600	13.0	11.0	1,400	5536819
	CA*F3743*6D*	G*E80805C*B*	40,000	30,600	13.0	11.3	1,350	5526736
	CA*F3743*6D*+EEP		40,000	30,600	13.0	11.0	1,400	5536320
	CA*F4860*6D*	A*VC950714CXA*	41,000	31,400	14.0	11.5	1,400	4586470
	CA*F4860*6D*	A*VC950915DXA*	41,000	31,400	14.0	11.5	1,400	4594643
	CA*F4860*6D*	A*VM960604CXA*	41,000	31,400	14.0	11.5	1,400	4652947
	CA*F4860*6D*	G*E80805C*B*	41,000	31,400	13.5	11.5	1,510	5526738
	CA*F4860*6D*	G*VC950714CXA*	41,000	31,400	14.0	11.5	1,400	4202187
	CA*F4860*6D*	G*VC950905CXA*	41,000	31,400	14.0	11.5	1,400	4201456
	CA*F4860*6D*	G*VC950905DXA*	41,000	31,400	14.0	11.5	1,400	3880265
	CA*F4860*6D*	G*VC950915DXA*	41,000	31,400	14.0	11.5	1,400	4202150
	CA*F4860*6D*	G*VC951155DXA*	41,000	31,400	14.0	11.5	1,400	3880266
	CA*F4860*6D*	G*VM960604CXA*	41,000	31,400	14.0	11.5	1,400	4652946
	CA*F4860*6D*	G*VM960805CXA*	41,000	31,400	14.0	11.5	1,400	4652941
	CA*F4860*6D*	G*VM960805DXA*	41,000	31,400	14.0	11.5	1,400	4652958
	CA*F4860*6D*	G*VM961005DXA*	41,000	31,400	14.0	11.5	1,400	4652932
	CA*F4860*6D*	G*VM961155DXA*	41,000	31,400	14.0	11.5	1,400	4652923
CA*F4860*6D*	GME950805CXA*	40,500	31,000	14.0	11.3	1,400	5526739	

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AHRI RATINGS (CONT.)

OUTDOOR UNIT	INDOOR UNITS		COOLING CAPACITY (BTU/H)				CFM	AHRI #
	COILS /AIR HANDLERS	FURNACES	TOTAL	SENSIBLE	SEER ¹	EER ²		
VSX13 0421A* (cont.)	CA*F4860*6D*	GME951005DXA*	40,500	31,000	13.5	11.0	1,440	5536321
	CA*F4860*6D*+EEP		41,000	31,400	13.0	11.0	1,400	3880273
	CA*F4860*6D*+MBVC1600**-1A*		41,000	31,400	14.0	11.5	1,400	3880316
	CA*F4961*6D*+EEP		41,000	31,400	13.0	11.0	1,400	5526740
	CHPF3642C6C*	G*E80805C*B*	40,000	30,600	13.0	11.3	1,350	5526741
	CHPF3642C6C*+EEP		40,000	30,600	13.0	11.0	1,400	3639447
	CHPF3642D6C*	A*VM960604CXA*	40,000	30,600	13.5	11.3	1,400	4652880
	CHPF3642D6C*	G*VC91155DXA*	40,000	30,600	13.5	11.3	1,400	3639640
	CHPF3642D6C*	G*VC950905CXA*	40,000	30,600	13.5	11.3	1,400	4201457
	CHPF3642D6C*	G*VC950905DXA*	40,000	30,600	13.5	11.3	1,400	3639641
	CHPF3642D6C*	G*VM960604CXA*	40,000	30,600	13.5	11.3	1,400	4652878
	CHPF3642D6C*	G*VM960805CXA*	40,000	30,600	13.5	11.3	1,400	4652869
	CHPF3642D6C*	G*VM960805DXA*	40,000	30,600	13.5	11.3	1,400	5526742
	CHPF3642D6C*+EEP		40,000	30,600	13.0	11.0	1,400	3639448
	CHPF4860D6D*	A*VM960604CXA*	41,000	31,400	14.0	11.5	1,400	4652951
	CHPF4860D6D*	G*E80805C*B*	41,000	31,400	13.5	11.5	1,510	5526744
	CHPF4860D6D*	G*VC950905CXA*	41,000	31,400	14.0	11.5	1,400	4201458
	CHPF4860D6D*	G*VC950905DXA*	41,000	31,400	14.0	11.5	1,400	3639651
	CHPF4860D6D*	G*VC951155DXA*	41,000	31,400	14.0	11.5	1,400	3639652
	CHPF4860D6D*	G*VM960604CXA*	41,000	31,400	14.0	11.5	1,400	4652949
	CHPF4860D6D*	G*VM960805CXA*	41,000	31,400	14.0	11.5	1,400	4652943
	CHPF4860D6D*	G*VM960805DXA*	41,000	31,400	14.0	11.5	1,400	5536322
	CHPF4860D6D*	G*VM961005DXA*	41,000	31,400	14.0	11.5	1,400	4652935
	CHPF4860D6D*	G*VM961155DXA*	41,000	31,400	14.0	11.5	1,400	4652926
	CHPF4860D6D*	GME950805CXA*	40,500	31,000	14.0	11.3	1,400	5536323
	CHPF4860D6D*	GME951005DXA*	40,500	31,000	13.5	11.0	1,440	5536324
	CHPF4860D6D*+EEP		41,000	31,400	13.0	11.0	1,400	3639452
	CHPF4860D6D*+MBVC1600**-1A*		41,000	31,400	14.0	11.5	1,400	3639485
	CSCF3642N6D*+EEP		40,000	30,600	13.0	11.0	1,325	5526745
	CSCF4860N6D*	G*VC950905CXA*	41,000	31,400	13.5	11.3	1,450	5526746
CSCF4860N6D*	G*VC951155DXA*	41,000	31,400	13.5	11.3	1,425	5536325	
CSCF4860N6D*+EEP		41,000	31,400	13.0	11.0	1,325	5526747	
VSX13 0481A*	AR*F496116C*		46,000	35,200	13.0	11.0	1,600	4358315
	ARPT48D14A*		46,000	35,200	13.5	11.0	1,475	5495288
	ARPT60D14A*		46,000	35,200	13.5	11.0	1,500	5495289
	ARUF48D14A*		44,500	34,200	13.0	11.0	1,550	5495290
	ARUF48D14A*+TXV		44,500	34,200	13.0	11.0	1,550	5495291
	ARUF60D14A*		44,500	34,200	13.0	11.0	1,460	5495292
	ARUF60D14A*+TXV		44,500	34,200	13.0	11.0	1,460	5495293
	ASPF426016E*		46,000	35,200	14.0	11.3	1,600	4358282
	ASUF49C14A*		43,000	32,600	13.0	11.0	1,435	5620419
	ASUF49C14A*+TXV		43,000	31,800	13.3	11.0	1,435	5620420
	AVPTC426014A*		46,000	35,200	14.0	11.3	1,575	4431272
	CA*F4860*6D*+EEP		46,000	35,200	13.0	11.0	1,600	5495295
	CA*F4860*6D*+MBVC2000**-1A*		46,000	35,200	14.0	11.3	1,600	3880332
	CA*F4860*6D*+TXV	A*VC950714CXA*	46,000	35,200	14.0	11.3	1,620	4586475
	CA*F4860*6D*+TXV	A*VC950915DXA*	46,000	35,200	14.0	11.3	1,620	4594648

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AHRI RATINGS (CONT.)

OUTDOOR UNIT	INDOOR UNITS		COOLING CAPACITY (BTU/H)				CFM	AHRI #
	COILS /AIR HANDLERS	FURNACES	TOTAL	SENSIBLE	SEER ¹	EER ²		
VSX13 0481A* (cont.)	CA*F4860*6D*+TXV	G*E80805C*B*	46,000	35,200	13.5	11.3	1,650	5495282
	CA*F4860*6D*+TXV	G*E81005C*B*	46,000	35,200	13.5	11.3	1,570	5495284
	CA*F4860*6D*+TXV	G*VC950714CXA*	46,000	35,200	14.0	11.3	1,620	4202192
	CA*F4860*6D*+TXV	G*VC950915DXA*	46,000	35,200	14.0	11.3	1,620	4202166
	CA*F4860*6D*+TXV	G*VM961155DXA*	46,000	35,200	14.0	11.3	1,620	5495287
	CA*F4860*6D*+TXV	GME951005DXA*	45,500	34,800	13.7	11.3	1,650	4703549
	CHPF4860D6D*+EEP		46,000	35,200	13.0	11.0	1,600	3639456
	CHPF4860D6D*+MBVC2000**-1A*		46,000	35,200	14.0	11.3	1,600	3639491
	CHPF4860D6D*+TXV	G*E80805C*B*	46,000	35,200	13.5	11.3	1,650	5495283
	CHPF4860D6D*+TXV	G*E81005C*B*	46,000	35,200	13.5	11.3	1,570	5495285
	CHPF4860D6D*+TXV	GME951005DXA*	45,500	34,800	13.7	11.3	1,650	4703553
	CSCF4860N6D*+EEP		46,000	35,200	13.0	11.0	1,600	5495294
	CSCF4860N6D*+TXV	G*VC951155DXA*	46,000	35,200	14.0	11.3	1,550	5495286
	VSX13 0601B*	ASPF426016E*		57,500	41,000	13.4	11.3	1,800
ASUF59D14A*			54,000	38,500	13.0	11.0	1,580	5600195
AVPTC426014A*			57,500	41,000	13.4	11.3	1,800	4431283
CA*F4961*6D*+EEP			57,000	40,500	13.0	11.0	1,750	4919373
CA*F4961*6D*+MBVC2000**-1A*			57,500	41,000	13.5	11.5	1,790	4431681
CA*F4961*6D*+MBVC2000**-1A*+TXV			57,500	41,000	13.5	11.5	1,790	4431682
CA*F4961*6D*+TXV		A*VC80805C*B*	57,000	40,500	13.3	11.2	1,800	5039246
CA*F4961*6D*+TXV		A*VC81005C*B*	57,000	40,500	13.3	11.2	1,800	5039247
CA*F4961*6D*+TXV		A*VC950714CXA*	56,500	40,000	13.0	11.0	1,700	4586479
CA*F4961*6D*+TXV		A*VC950915DXA*	56,500	40,000	13.0	11.0	1,700	4594653
CA*F4961*6D*+TXV		G*E80805C*B*	56,000	40,000	13.3	11.2	1,650	5039074
CA*F4961*6D*+TXV		G*E81005C*B*	56,500	40,000	13.3	11.2	1,720	5038924
CA*F4961*6D*+TXV		G*VC80805C*B*	57,000	40,500	13.3	11.2	1,800	5038880
CA*F4961*6D*+TXV		G*VC81005C*B*	57,000	40,500	13.3	11.2	1,800	5039245
CA*F4961*6D*+TXV		G*VC950714CXA*	56,500	40,000	13.0	11.0	1,700	4431848
CA*F4961*6D*+TXV		G*VC950905CXA*	56,500	40,000	13.0	11.0	1,700	4431849
CA*F4961*6D*+TXV		G*VC950905DXA*	56,500	40,000	13.0	11.0	1,700	4431850
CA*F4961*6D*+TXV		G*VC950915DXA*	56,500	40,000	13.0	11.0	1,700	4431851
CA*F4961*6D*+TXV		G*VC951155DXA*	56,000	40,000	13.4	11.2	1,620	4431852
CA*F4961*6D*+TXV		G*VM960805CXA*	56,500	40,000	13.0	11.0	1,700	4653274
CA*F4961*6D*+TXV		G*VM960805DXA*	56,500	40,000	13.0	11.0	1,700	4653290
CA*F4961*6D*+TXV		G*VM961005DXA*	56,000	40,000	13.4	11.2	1,620	4653202
CA*F4961*6D*+TXV		G*VM961155DXA*	56,000	40,000	13.4	11.2	1,620	4653174
CAPT4961*4A*		A*VC950714CXA*	56,500	40,000	13.0	11.0	1,600	5520653
CAPT4961*4A*		A*VC950915DXA*	56,500	40,000	13.0	11.0	1,660	5520654
CAPT4961*4A*		G*VC950714CXA*	56,500	40,000	13.0	11.0	1,600	5520662
CAPT4961*4A*		G*VC950905CXA*	56,500	40,000	13.0	11.0	1,625	5520663
CAPT4961*4A*		G*VC950905DXA*	56,500	40,000	13.0	11.0	1,625	5520664
CAPT4961*4A*		G*VC950915DXA*	56,500	40,000	13.0	11.0	1,660	5520665
CAPT4961*4A*		G*VM960805CXA*	56,500	40,000	13.0	11.0	1,600	5520668
CAPT4961*4A*		G*VM960805DXA*	56,500	40,000	13.0	11.0	1,600	5520669
CAPT4961*4A*+MBVC2000**-1A*			57,500	41,000	13.5	11.5	1,625	5527436
CHPF4860D6D*+EEP+TXV			57,000	40,500	13.0	11.0	1,500	5604751
CHPF4860D6D*+TXV		A*VC80805C*B*	57,000	40,500	13.0	11.0	1,800	5039151

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AHRI RATINGS (CONT.)

OUTDOOR UNIT	INDOOR UNITS		COOLING CAPACITY (BTU/H)				CFM	AHRI #
	COISL /AIR HANDLERS	FURNACES	TOTAL	SENSIBLE	SEER ¹	EER ²		
VSX13 0601B* (cont.)	CHPF4860D6D*+TXV	A*VC81005C*B*	57,000	40,500	13.0	11.0	1,800	5038866
	CHPF4860D6D*+TXV	G*E80805C*B*	56,000	40,000	13.3	11.2	1,650	5039084
	CHPF4860D6D*+TXV	G*E81005C*B*	57,000	40,500	13.3	11.2	1,750	5039007
	CHPF4860D6D*+TXV	G*VC80805C*B*	57,000	40,500	13.0	11.0	1,800	5038997
	CHPF4860D6D*+TXV	G*VC81005C*B*	57,000	40,500	13.0	11.0	1,800	5039049
	CHPF4860D6D*+TXV	G*VC950905CXA*	56,500	40,000	13.0	11.0	1,700	4201466
	CHPF4860D6D*+TXV	G*VC950905DXA*	57,000	40,500	13.2	11.0	1,700	3695744
	CHPF4860D6D*+TXV	G*VC951155DXA*	56,500	40,000	13.0	11.3	1,620	3695745
	CHPF4860D6D*+TXV	G*VM960805CXA*	56,500	40,000	13.0	11.0	1,700	4653278
	CHPF4860D6D*+TXV	G*VM960805DXA*	57,000	40,500	13.2	11.0	1,700	4653307
	CHPF4860D6D*+TXV	G*VM961005DXA*	56,500	40,000	13.0	11.0	1,620	4653265
	CHPF4860D6D*+TXV	G*VM961155DXA*	56,500	40,000	13.4	11.3	1,620	4653259
	CSCF4860N6D*+EEP		55,500	39,500	13.0	11.0	1,600	5446160
	CSCF4860N6D*+MBVC2000**-1A*		55,000	39,000	13.5	11.5	1,825	4767704

¹ BTU/h

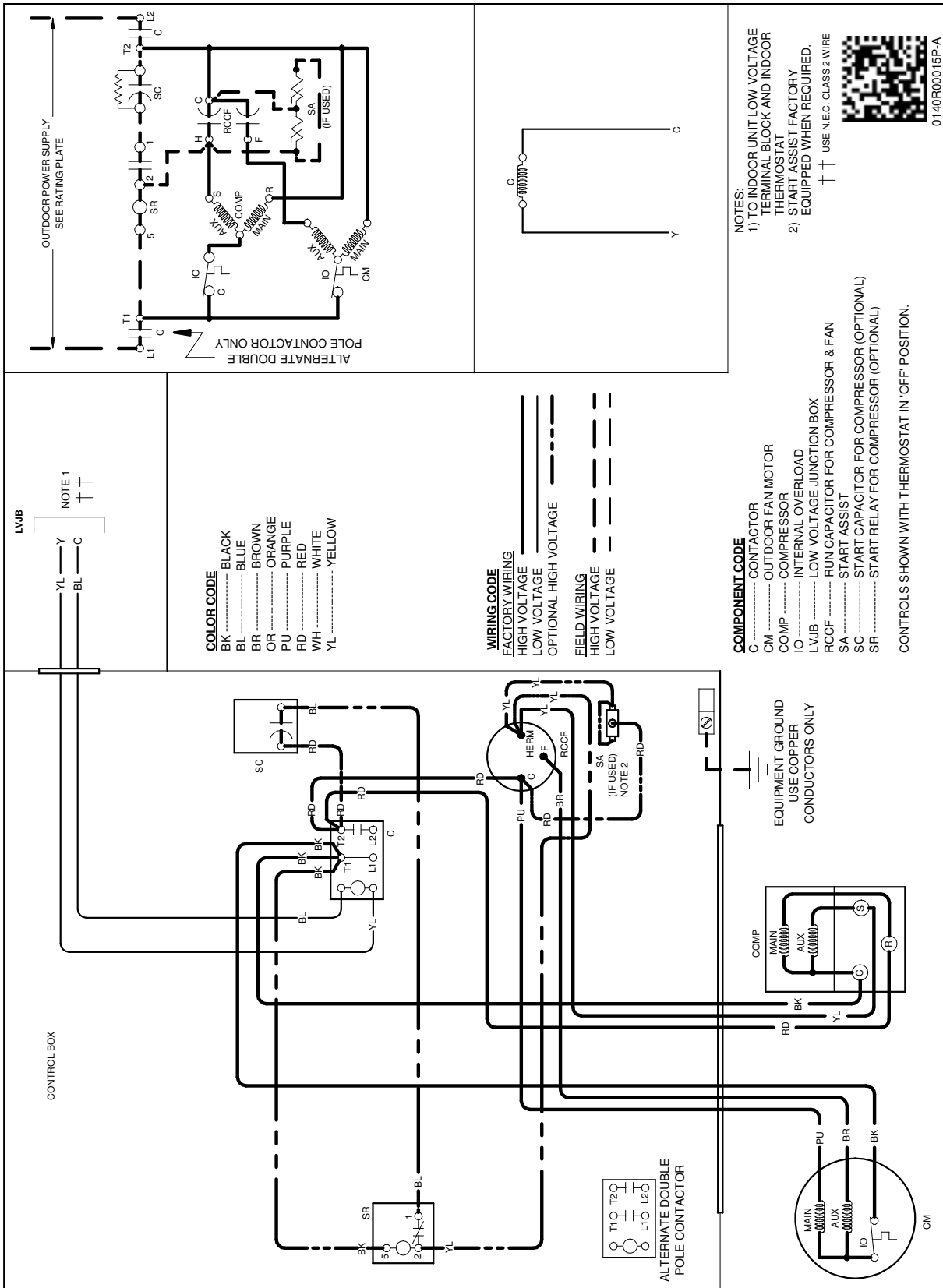
² Seasonal Energy Efficiency Ratio; Certified per AHRI 210/240 @ 80°F/ 67°F/ 95°F

³ 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 outdoor unit to 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

WIRING DIAGRAM — VSX130(18-60)1*



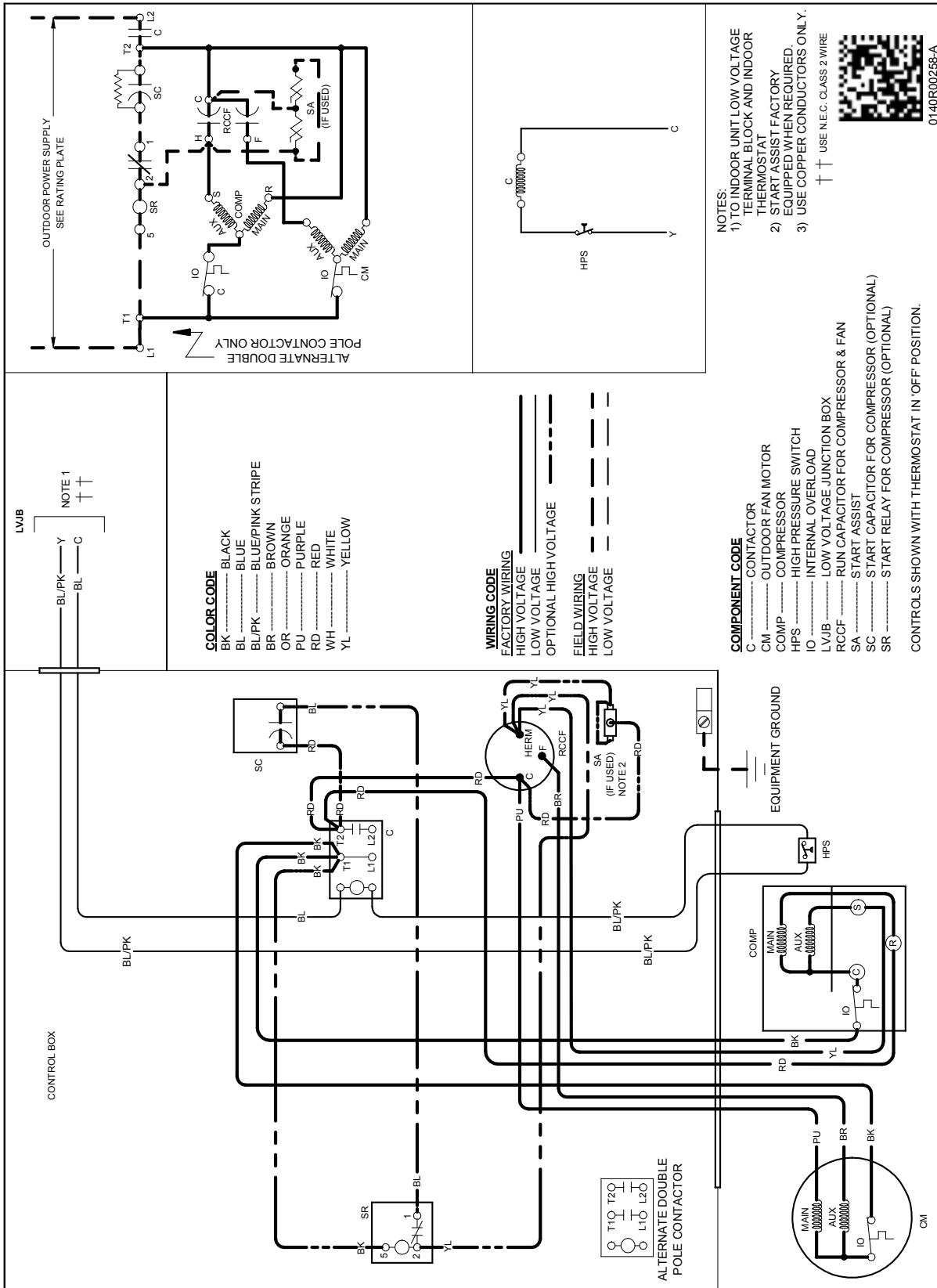
WARNING

⚡

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

WIRING DIAGRAM — VSX130181E



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.

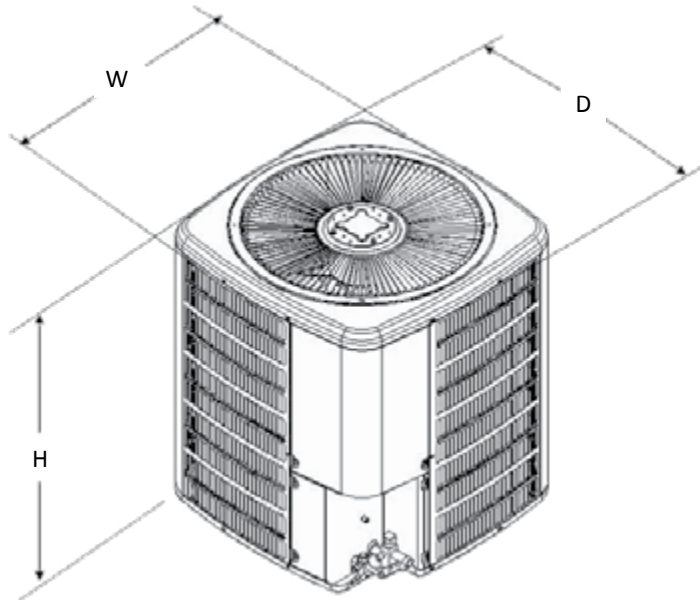
Wiring is subject to change. Always refer to the wiring diagram or the unit for the most up-to-date wiring.



01-40R00258-A

PRODUCT SPECIFICATIONS

DIMENSIONS



MODEL	DIMENSIONS		
	W"	D"	H"
VSX130181D*	23	23	23 $\frac{3}{8}$
VSX130181E*	23	23	25 $\frac{3}{4}$
VSX130241D*	23	23	25 $\frac{3}{4}$
VSX130301B*	26	26	27 $\frac{1}{2}$
VSX130301D*	23	23	25 $\frac{3}{4}$
VSX130361A*/B*	29	29	28 $\frac{3}{4}$
VSX130361D*	23	23	30 $\frac{3}{4}$
VSX130421**	29	29	36 $\frac{3}{4}$
VSX130481**	29	29	36 $\frac{3}{4}$
VSX130601**	29	29	40

ACCESSORIES

Model #	Description	VSX13 018*	VSX13 024*	VSX13 024D*	VSX13 030*	VSX13 036*	VSX13 042*	VSX13 048*	VSX13 060*
ABK-20	Anchor Bracket Kit ▼		X		X	X	X	X	X
ABK-21	Anchor Bracket Kit ▼	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	X			
CSR-U-2	Hard-start Kit						X	X	X
CSR-U-3	Hard-start Kit							X	X
FSK01A ¹	Freeze Protection 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							
TX2N4A ²	TXV Kit	X	X	X					
TX3N4 ²	TXV Kit				X	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.