



# VSZ13

## 13 SEER SPLIT SYSTEM HEAT PUMP

NOMINAL COOLING CAPACITY: 17,400 TO 57,000 BTU/H

NOMINAL HEATING CAPACITY: 17,000 TO 58,000 BTU/H

### 13 SEER / R-410A

### 1½ - 5 TONS

#### Standard Features

- R-410A chlorine-free refrigerant
- High-efficiency scroll compressor
- SmartShift™ technology to ensure quiet reliable defrost
- Factory-installed bi-flow liquid line filter drier
- Factory-installed suction line accumulator
- Factory-installed compressor crankcase heater
- Factory-installed high-capacity muffler
- High- and low-pressure switches
- Service valves with sweat connections and easy access to gauge ports
- Copper tube/enhanced aluminum fin coil
- Fully charged for 15' of tubing length
- Contactor with lug connection
- 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
- Top and side maintenance access
- Service ports and controls are accessible while unit is operating
- 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](http://www.goodmanmfg.com/gmc).

NOMENCLATURE

	V	S	Z	13	036	1	A	A	
	1	2	3	4,5	6,7,8	9	10	11	
<b>Brand</b>	V GMC Product Family								<b>Engineering *</b> Minor Revision
<b>Product Category</b>	S Split System								<b>Engineering *</b> Major Revision
<b>Unit Type</b>	C Condenser R-22								* Neither used for order entry or inventory management.
	X Condenser R-410A								
	H Heat Pump R-22								
	Z Heat Pump R-410A								
<b>Efficiency</b>	13 13 SEER								
	14 14 SEER								
									<b>Electrical</b>
							1		208/230 V, 1 Phase, 60 Hz
							2		220/240 V, 1 Phase, 50 Hz
							3		208/230 V, 3 Phase, 60 Hz
							4		460 V, 3 Phase, 60 Hz
									<b>Nominal Capacity</b>
							018	1½ Tons	042 3½ Tons
							024	2 Tons	048 4 Tons
							030	2½ Tons	060 5 Tons
							036	3 Tons	

**SPECIFICATIONS**

	VSZ13 0181A*	VSZ13 0241C*	VSZ13 0301A*	VSZ13 0361B*	VSZ13 0421A*	VSZ13 0481A*	VSZ13 0601A*
<b>NOMINAL CAPACITIES</b>							
Cooling (BTU/h)	18,000	24,000	30,000	36,000	42,000	48,000	60,000
Heating (BTU/h)	18,000	24,000	30,000	36,000	42,000	48,000	60,000
Decibels	71	73	72	74	74	76	75
<b>COMPRESSOR</b>							
RLA	9.0	13.5	14.1	16.7	17.9	19.9	26.4
LRA	48.0	58.3	73.0	79.0	112.0	109.0	134.0
Type	Scroll	Scroll	Scroll	Scroll	Scroll	Scroll	Scroll
<b>CONDENSER FAN MOTOR</b>							
Horsepower	1/6	1/6	1/6	1/4	1/4	1/4	1/4
FLA	1.1	0.70	1.10	1.50	1.50	1.50	1.50
<b>REFRIGERATION SYSTEM</b>							
Refrigerant Line Size <sup>1</sup>							
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"	7/8"	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.)	3/4"	3/4"	3/4"	3/4"	7/8"	7/8"	7/8"
Valve Connection Type	Sweat	Sweat	Sweat	Sweat	Sweat	Sweat	Sweat
Refrigerant Charge	121	104	108	100	171	219	242
Shipped with Orifice Size	0.051	0.057	0.065	0.071	0.074	0.078	0.088
<b>ELECTRICAL DATA</b>							
Volts-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 <sup>2</sup>	12.4	17.5	18.7	22.4	23.9	26.4	34.5
Max. Overcurrent Protection <sup>3</sup>	20	30	30	35	40	45	60
Min / Max Volts	197 / 253	197 / 253	197 / 253	197 / 253	197 / 253	197 / 253	197 / 253
Electrical Conduit 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"
<b>EQUIPMENT WEIGHT (LBS)</b>							
	142	142	152	151	151	180	279
<b>SHIP WEIGHT (LBS)</b>							
	159	159	169	169	169	198	301

<sup>1</sup> Tested and rated in accordance with AHRI Standard 210/240

<sup>2</sup> Wire size should be determined in accordance with National Electrical Codes; extensive wire runs will require larger wire sizes

<sup>3</sup> Must use time-delay fuses or HACR-type circuit breakers of the same size as noted.

**NOTES**

- Always check the S&R plate for electrical data on the unit being installed.
- Installer will need to supply 3/8" to 1 1/8" adapters for suction line connections.
- 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 — VSZ130181A\* / AR\*F182416\*\*

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	MBh	17.1	17.7	19.4	-	16.7	17.3	18.9	-	16.3	16.9	18.5	-	15.9	16.4	18.0	-	15.1	15.6	17.1	-	14.0	14.5	15.9	-
	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	17	15	11	-	17	15	11	-	17	15	11	-	18	15	12	-	17	15	11	-	16	14	11	-
	kW	1.25	1.27	1.31	-	1.34	1.37	1.41	-	1.42	1.45	1.50	-	1.49	1.52	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	255	-	252	271	287	-	287	309	326	-	327	352	371	-	367	395	418	-	406	437	461	-
	Lo PR	109	116	126	-	115	122	133	-	119	127	139	-	125	133	146	-	131	140	152	-	136	144	158	-
	MBh	16.6	17.2	18.8	-	16.2	16.8	18.4	-	15.8	16.4	17.9	-	15.4	16.0	17.5	-	14.6	15.2	16.6	-	13.6	14.0	15.4	-
	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	-	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	17	15	11	-
kW	1.24	1.26	1.30	-	1.33	1.36	1.40	-	1.41	1.44	1.48	-	1.48	1.51	1.56	-	1.54	1.57	1.62	-	1.59	1.63	1.68	-	
Amps	4.5	4.6	4.7	-	4.8	4.9	5.1	-	5.2	5.4	5.6	-	5.6	5.7	5.9	-	6.0	6.1	6.3	-	6.3	6.5	6.7	-	
Hi PR	222	239	253	-	250	269	284	-	284	306	323	-	323	348	368	-	364	392	413	-	402	433	457	-	
Lo PR	108	114	125	-	114	121	132	-	118	126	137	-	124	132	144	-	130	138	151	-	134	143	156	-	
MBh	15.3	15.8	17.4	-	14.9	15.5	16.9	-	14.6	15.1	16.5	-	14.2	14.7	16.1	-	13.5	14.0	15.3	-	12.5	13.0	14.2	-	
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	18	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	18	16	12	-	17	15	11	-	
kW	1.21	1.23	1.27	-	1.30	1.32	1.36	-	1.38	1.40	1.45	-	1.44	1.47	1.52	-	1.50	1.53	1.58	-	1.55	1.59	1.64	-	
Amps	4.3	4.5	4.6	-	4.7	4.8	5.0	-	5.1	5.2	5.4	-	5.5	5.6	5.8	-	5.8	5.9	6.1	-	6.1	6.3	6.5	-	
Hi PR	216	232	245	-	242	261	275	-	275	296	313	-	314	338	356	-	353	380	401	-	390	420	443	-	
Lo PR	104	111	121	-	110	117	128	-	115	122	133	-	120	128	140	-	126	134	146	-	130	139	151	-	
75	MBh	17.34	17.85	19.32	20.74	16.94	17.44	18.87	20.26	16.53	17.02	18.43	19.78	16.13	16.61	17.98	19.29	15.32	15.78	17.08	18.33	14.19	14.61	15.82	16.98
	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	18	15	10	20	19	15	11	20	19	15	11	20	19	15	11	20	18	15	10	19	17	14	10
	kW	1.26	1.28	1.32	1.36	1.35	1.38	1.42	1.46	1.43	1.46	1.51	1.56	1.50	1.54	1.58	1.64	1.57	1.60	1.65	1.70	1.62	1.65	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	5.9	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	289	302	290	312	329	343	330	355	375	391	371	399	422	440	410	441	466	486
	Lo PR	110	117	127	136	116	123	135	143	120	128	140	149	127	135	147	157	133	141	154	164	137	146	159	170
	MBh	16.8	17.3	18.8	20.1	16.4	16.9	18.3	19.7	16.1	16.5	17.9	19.2	15.7	16.1	17.5	18.7	14.9	15.3	16.6	17.8	13.8	14.2	15.4	16.5
	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	19	16	11	21	19	16	11	21	19	16	11	21	20	16	11	21	19	16	11	20	18	15	10
kW	1.25	1.27	1.31	1.35	1.34	1.37	1.41	1.45	1.42	1.45	1.50	1.54	1.49	1.52	1.57	1.62	1.55	1.59	1.64	1.69	1.61	1.64	1.69	1.75	
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	6.8	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	461	481	
Lo PR	109	116	126	134	115	122	133	142	119	127	139	148	125	133	146	155	131	140	153	162	136	145	158	168	
MBh	15.5	16.0	17.3	18.6	15.2	15.6	16.9	18.2	14.8	15.3	16.5	17.7	14.5	14.88	16.1	17.3	13.7	14.1	15.3	16.4	12.7	13.1	14.2	15.2	
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	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	1.22	1.24	1.28	1.32	1.31	1.33	1.38	1.42	1.39	1.42	1.46	1.51	1.46	1.49	1.53	1.58	1.51	1.55	1.60	1.65	1.57	1.60	1.65	1.71	
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	6.0	5.9	6.0	6.2	6.4	6.2	6.4	6.6	6.8	
Hi PR	218	235	248	258	245	263	278	290	278	299	316	330	317	341	360	376	357	384	405	423	394	424	448	467	
Lo PR	105	112	122	130	111	118	129	138	116	123	134	143	122	129	141	150	127	136	148	158	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 reflects ACCA (TVA) Rating Conditions  
 kW = Total system power  
 Amps = Outdoor unit amps (compressor + fan)

EXPANDED COOLING DATA — VSZ130181A\* / AR\*F182416\*\* (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	MBh	17.65	18.03	19.27	20.60	17.24	17.61	18.82	20.12	16.83	17.19	18.37	19.64	16.42	16.77	17.92	19.16	15.60	15.94	17.03	18.20	14.45	14.76	15.77	16.86
	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	22	21	19	15	23	22	19	15	23	22	19	15	22	22	19	15	21	22	19	15	20	20	17	14
	kW	1.27	1.29	1.33	1.37	1.36	1.39	1.43	1.48	1.44	1.47	1.52	1.57	1.52	1.55	1.60	1.65	1.58	1.61	1.66	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	6.8	6.5	6.7	6.9	7.2
	Hi PR	229	247	261	272	257	277	292	305	293	315	333	347	333	359	379	395	375	404	426	444	414	446	471	491
	Lo PR	111	118	129	137	117	125	136	145	122	129	141	151	128	136	148	158	134	143	156	166	139	147	161	171
	MBh	17.1	17.5	18.7	20.0	16.7	17.1	18.3	19.5	16.3	16.7	17.8	19.1	15.9	16.3	17.4	18.6	15.1	15.5	16.5	17.7	14.0	14.3	15.3	16.4
	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	23	22	19	15	23	23	20	16	24	23	20	16	24	23	20	16	23	22	19	16	21	21	18	15
	kW	1.26	1.28	1.32	1.36	1.35	1.38	1.42	1.46	1.43	1.46	1.51	1.56	1.50	1.54	1.59	1.64	1.57	1.60	1.65	1.70	1.62	1.65	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	5.9	6.1	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	343	330	355	375	391	371	400	422	440	410	441	466	486	
Lo PR	110	117	127	136	116	123	135	143	120	128	140	149	127	135	147	157	133	141	154	164	137	146	159	170	
MBh	15.8	16.2	17.3	18.5	15.4	15.8	16.9	18.0	15.1	15.4	16.5	17.6	14.7	15.0	16.1	17.2	14.0	14.3	15.3	16.3	12.9	13.2	14.1	15.1	
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	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	22	21	18	15	
kW	1.23	1.25	1.29	1.33	1.32	1.34	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	302	319	333	320	344	364	379	360	388	409	427	398	428	452	472	
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	
85	MBh	17.96	18.30	19.17	20.45	17.54	17.88	18.72	19.98	17.12	17.45	18.28	19.50	16.70	17.03	17.83	19.02	15.87	16.18	16.94	18.07	14.70	14.98	15.69	16.74
	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	23	22	19	24	24	22	19	23	24	22	19	23	23	23	20	22	22	22	19	20	20	21	18
	kW	1.28	1.30	1.34	1.38	1.37	1.40	1.44	1.49	1.45	1.49	1.53	1.58	1.53	1.56	1.61	1.66	1.59	1.63	1.68	1.73	1.65	1.68	1.74	1.79
	Amps	4.6	4.7	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	7.0	7.2
	Hi PR	232	249	263	275	260	280	295	308	296	318	336	350	337	362	383	399	379	408	430	449	418	450	475	496
	Lo PR	112	119	130	138	118	126	137	146	123	131	143	152	129	137	150	160	135	144	157	167	140	149	163	173
	MBh	17.4	17.8	18.6	19.9	17.0	17.4	18.2	19.4	16.6	16.9	17.7	18.9	16.2	16.5	17.3	18.5	15.4	15.7	16.4	17.5	14.3	14.5	15.2	16.3
	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	24	23	20	25	25	23	20	25	25	23	20	25	25	23	20	24	24	23	20	22	22	22	19
	kW	1.27	1.29	1.33	1.37	1.36	1.39	1.43	1.48	1.44	1.47	1.52	1.57	1.52	1.55	1.60	1.65	1.58	1.61	1.66	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	6.8	6.5	6.7	6.9	7.2
Hi PR	229	247	261	272	257	277	292	305	293	315	333	347	333	359	379	395	375	404	426	444	414	446	471	491	
Lo PR	111	118	129	137	117	125	136	145	122	129	141	151	128	136	148	158	134	143	156	166	139	147	161	171	
MBh	16.1	16.4	17.2	18.3	15.7	16.0	16.8	17.9	15.3	15.6	16.4	17.5	15.0	15.3	16.0	17.0	14.2	14.5	15.2	16.2	13.2	13.4	14.1	15.0	
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	25	25	23	20	25	25	24	21	26	25	24	21	26	25	24	21	25	25	24	20	23	23	22	19	
kW	1.24	1.26	1.30	1.34	1.33	1.36	1.40	1.44	1.41	1.44	1.48	1.53	1.48	1.51	1.56	1.61	1.54	1.57	1.62	1.68	1.59	1.63	1.68	1.73	
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	5.7	5.9	6.2	6.0	6.1	6.3	6.6	6.3	6.5	6.7	7.0	
Hi PR	222	239	253	264	250	269	284	296	284	305	323	336	323	348	367	383	364	391	413	431	402	432	457	476	
Lo PR	108	114	125	133	114	121	132	140	118	126	137	146	124	132	144	153	130	138	151	161	134	143	156	166	

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

EXPANDED COOLING DATA — VSZ130241C\* / AR\*F182416\*\*

IDB		OUTDOOR AMBIENT TEMPERATURE																																			
		65°F						75°F						85°F						95°F						105°F						115°F					
		59	63	67	71	75	79	59	63	67	71	75	79	59	63	67	71	75	79	59	63	67	71	75	79	59	63	67	71	75	79	59	63	67	71	75	79
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	-	18.4	19.1	21.0	-	17.9	18.6	20.3	-			
		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	-	0.86	0.72	0.50	-	0.82	0.68	0.47	-			
		ΔT	17	15	11	-	18	15	12	-	18	15	12	-	18	15	12	-	17	15	11	-	16	14	11	-	16	14	11	-	17	15	11	-			
		KW	1.63	1.66	1.71	-	1.75	1.78	1.84	-	1.85	1.89	1.95	-	1.95	1.99	2.05	-	2.03	2.07	2.14	-	2.10	2.14	2.21	-	2.10	2.14	2.21	-	2.01	2.05	2.12	-			
		Amps	6.1	6.2	6.4	-	6.5	6.7	6.9	-	7.1	7.3	7.5	-	7.6	7.8	8.0	-	8.1	8.3	8.5	-	8.5	8.8	9.0	-	8.5	8.8	9.0	-	8.0	8.2	8.5	-			
	800	Hi Pr	228	246	259	-	256	276	291	-	291	314	331	-	332	357	377	-	373	402	424	-	413	444	469	-	413	444	469	-	370	398	420	-			
		Lo Pr	103	110	120	-	109	116	127	-	114	121	132	-	119	127	139	-	125	133	145	-	129	138	150	-	129	138	150	-	128	136	149	-			
		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	-	17.9	18.6	20.3	-	17.8	18.5	20.3	-			
		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	-	0.82	0.69	0.48	-	0.79	0.66	0.46	-			
		ΔT	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	17	15	11	-	17	15	11	-	18	16	12	-			
700	KW	1.58	1.61	1.66	-	1.69	1.73	1.78	-	1.80	1.83	1.89	-	1.89	1.93	1.99	-	1.96	2.00	2.07	-	2.03	2.07	2.14	-	2.03	2.07	2.14	-	1.96	2.00	2.07	-				
	Amps	5.9	6.0	6.2	-	6.3	6.5	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	-	8.2	8.4	8.7	-	8.0	8.2	8.5	-				
	Hi Pr	219	236	249	-	246	265	280	-	280	301	318	-	319	343	362	-	359	386	407	-	396	426	450	-	396	426	450	-	370	398	420	-				
	Lo Pr	102	109	119	-	108	115	126	-	112	120	131	-	118	126	137	-	124	132	144	-	128	136	149	-	128	136	149	-	128	132	144	-				
	MBh	20.2	20.9	22.9	-	19.7	20.4	22.4	-	19.3	20.0	21.9	-	18.8	19.5	21.3	-	17.8	18.5	20.3	-	16.5	17.1	18.8	-	16.5	17.1	18.8	-	17.8	18.5	20.3	-				
75	900	S/T	0.86	0.77	0.58	0.37	0.89	0.79	0.60	0.39	0.91	0.81	0.62	0.40	0.94	0.84	0.64	0.41	0.97	0.87	0.66	0.42	0.98	0.88	0.67	0.43	0.98	0.88	0.67	0.43	0.93	0.83	0.63	0.40			
		ΔT	20	18	15	10	20	19	15	11	20	19	15	11	20	19	15	11	20	19	15	11	19	17	14	10	19	17	14	10	21	19	16	11			
		KW	1.64	1.67	1.73	1.78	1.76	1.80	1.85	1.91	1.87	1.91	1.97	2.03	1.96	2.01	2.07	2.14	2.04	2.09	2.16	2.23	2.11	2.16	2.23	2.30	2.11	2.16	2.23	2.30	2.03	2.07	2.14	2.21			
		Amps	6.1	6.3	6.5	6.7	6.6	6.8	7.0	7.2	7.2	7.3	7.6	7.9	7.7	7.8	8.1	8.4	8.1	8.3	8.6	8.9	8.6	8.8	9.1	9.5	8.6	8.8	9.1	9.5	8.1	8.3	8.5	8.9			
		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	417	448	474	494	377	406	429	447			
	800	Lo Pr	104	111	121	129	110	117	128	137	115	122	133	142	121	128	140	149	126	134	147	156	131	139	152	162	131	139	152	162	126	134	147	156			
		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	18.2	18.8	20.3	21.8	19.7	20.2	21.9	23.5			
		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	0.93	0.83	0.63	0.40	0.94	0.84	0.63	0.41	0.94	0.84	0.63	0.41	0.93	0.83	0.63	0.40			
		ΔT	21	19	16	11	21	19	16	11	21	19	16	11	21	20	16	11	21	19	16	11	20	18	15	10	20	18	15	10	21	19	16	11			
		KW	1.63	1.66	1.71	1.77	1.75	1.79	1.84	1.90	1.85	1.89	1.95	2.02	1.95	1.99	2.05	2.12	2.03	2.07	2.14	2.21	2.10	2.14	2.21	2.28	2.10	2.14	2.21	2.28	2.03	2.07	2.14	2.21			
700	Amps	6.1	6.2	6.4	6.6	6.5	6.7	6.9	7.2	7.1	7.3	7.5	7.8	7.6	7.8	8.0	8.3	8.1	8.3	8.5	8.9	8.5	8.8	9.0	9.4	8.5	8.8	9.0	9.4	8.1	8.3	8.5	8.9				
	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	413	444	469	489	373	402	424	443				
	Lo Pr	103	110	120	128	109	116	127	135	114	121	132	141	119	127	139	148	125	133	145	155	129	138	150	160	129	138	150	160	125	133	145	155				
	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	16.8	17.3	18.7	20.1	18.2	18.7	20.2	21.7				
	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	0.80	0.61	0.39	0.90	0.81	0.61	0.39	0.90	0.81	0.61	0.39	0.90	0.80	0.61	0.39				
700	ΔT	21	20	16	11	22	20	16	11	22	20	16	11	22	20	16	11	22	20	16	11	20	18	15	10	20	18	15	10	21	20	16	11				
	KW	1.59	1.62	1.67	1.72	1.71	1.74	1.80	1.85	1.81	1.85	1.91	1.97	1.90	1.94	2.00	2.07	1.98	2.02	2.09	2.15	2.05	2.09	2.16	2.23	2.05	2.09	2.16	2.23	1.98	2.02	2.09	2.15				
	Amps	5.9	6.0	6.2	6.5	6.4	6.5	6.7	7.0	6.9	7.1	7.3	7.6	7.4	7.6	7.8	8.1	7.8	8.0	8.3	8.6	8.3	8.5	8.8	9.1	8.3	8.5	8.8	9.1	7.8	8.0	8.3	8.6				
	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	400	431	455	474	362	390	412	429				
	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	125	133	146	155	121	129	141	150				

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

EXPANDED COOLING DATA — VSZ130241C\* / AR\*F182416\*\* (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	MBh	23.33	23.84	25.47	27.22	22.79	23.28	24.87	26.59	22.24	22.73	24.28	25.96	21.70	22.17	23.69	25.32	20.62	21.07	22.51	24.06	19.10	19.51	20.85	22.29
	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	19	15	23	22	19	15	23	22	19	15	22	22	19	15	21	22	19	15	20	20	18	14
	KW	1.65	1.69	1.74	1.79	1.78	1.81	1.87	1.93	1.88	1.92	1.98	2.05	1.98	2.02	2.09	2.15	2.06	2.11	2.17	2.24	2.13	2.18	2.25	2.32
	Amps	6.2	6.3	6.5	6.8	6.7	6.8	7.0	7.3	7.2	7.4	7.7	7.9	7.7	7.9	8.2	8.5	8.2	8.4	8.7	9.0	8.7	8.9	9.2	9.6
	Hi Pr	233	251	265	276	261	281	297	310	297	320	338	352	339	364	385	401	381	410	433	452	421	453	478	499
	Lo Pr	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	22.6	23.1	24.7	26.4	22.1	22.6	24.2	25.8	21.6	22.1	23.6	25.2	21.1	21.5	23.0	24.6	20.0	20.5	21.9	23.4	18.5	18.9	20.2	21.6
	S/T	0.90	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
	ΔT	23	22	19	16	24	23	20	16	24	23	20	16	24	23	20	16	23	22	20	16	21	21	18	15
	KW	1.64	1.67	1.73	1.78	1.76	1.80	1.85	1.91	1.87	1.91	1.97	2.03	1.96	2.01	2.07	2.14	2.04	2.09	2.16	2.23	2.11	2.16	2.23	2.30
	Amps	6.1	6.3	6.5	6.7	6.6	6.8	7.0	7.2	7.2	7.3	7.6	7.9	7.7	7.8	8.1	8.4	8.1	8.3	8.6	8.9	8.6	8.8	9.1	9.5
Hi Pr	231	248	262	273	259	279	294	307	294	317	335	349	335	361	381	397	377	406	429	447	417	448	474	494	
Lo Pr	105	111	121	129	110	117	128	137	115	122	133	142	121	128	140	149	126	134	147	156	131	139	152	162	
MBh	20.9	21.4	22.8	24.4	20.4	20.9	22.3	23.8	19.9	20.4	21.8	23.3	19.4	19.9	21.2	22.7	18.5	18.9	20.2	21.6	17.1	17.5	18.7	20.0	
S/T	0.86	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	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	1.60	1.64	1.69	1.74	1.72	1.76	1.81	1.87	1.83	1.86	1.92	1.98	1.92	1.96	2.02	2.08	1.99	2.04	2.10	2.17	2.06	2.11	2.17	2.25	
Amps	6.0	6.1	6.3	6.5	6.4	6.6	6.8	7.0	7.0	7.1	7.4	7.6	7.4	7.6	7.9	8.2	7.9	8.1	8.4	8.7	8.4	8.6	8.9	9.2	
Hi Pr	224	241	254	265	251	270	285	298	286	307	324	338	325	350	370	385	366	394	416	434	404	435	459	479	
Lo Pr	101	108	118	125	107	114	124	132	111	118	129	138	117	124	136	145	123	130	142	152	127	135	147	157	
85	MBh	23.74	24.19	25.34	27.03	23.18	23.63	24.75	26.40	22.63	23.07	24.16	25.78	22.08	22.51	23.57	25.15	20.98	21.38	22.39	23.89	19.43	19.81	20.74	22.13
	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	24	24	22	19	23	24	22	19	23	23	23	20	21	22	22	19	20	20	21	18
	KW	1.67	1.70	1.75	1.81	1.79	1.83	1.88	1.94	1.90	1.94	2.00	2.07	2.00	2.04	2.10	2.17	2.08	2.12	2.19	2.26	2.15	2.20	2.27	2.34
	Amps	6.2	6.4	6.6	6.8	6.7	6.9	7.1	7.4	7.3	7.5	7.7	8.0	7.8	8.0	8.2	8.6	8.3	8.5	8.8	9.1	8.8	9.0	9.3	9.7
	Hi Pr	235	253	267	279	264	284	300	313	300	323	341	356	342	368	389	405	385	414	437	456	425	457	483	504
	Lo Pr	107	113	124	132	113	120	131	139	117	125	136	145	123	131	143	152	129	137	150	159	133	142	155	165
	MBh	23.0	23.5	24.6	26.2	22.5	22.9	24.0	25.6	22.0	22.4	23.5	25.0	21.4	21.9	22.9	24.4	20.4	20.8	21.7	23.2	18.9	19.2	20.1	21.5
	S/T	0.94	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	25	23	20	25	25	23	20	25	25	24	20	23	24	23	20	22	22	22	19
	KW	1.65	1.69	1.74	1.79	1.78	1.81	1.87	1.93	1.88	1.92	1.98	2.05	1.98	2.02	2.09	2.15	2.06	2.11	2.17	2.24	2.13	2.18	2.25	2.32
	Amps	6.2	6.3	6.5	6.8	6.7	6.8	7.0	7.3	7.2	7.4	7.7	7.9	7.7	7.9	8.2	8.5	8.2	8.4	8.7	9.0	8.7	8.9	9.2	9.6
Hi Pr	233	251	265	276	261	281	297	310	297	320	338	352	339	364	385	401	381	410	433	452	421	453	478	499	
Lo Pr	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	21.3	21.7	22.7	24.2	20.8	21.2	22.2	23.7	20.3	20.7	21.7	23.1	19.8	20.2	21.1	22.5	18.8	19.2	20.1	21.4	17.4	17.7	18.6	19.8	
S/T	0.91	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	24	20	26	25	24	21	26	25	24	21	26	25	24	21	25	25	24	20	23	23	22	19	
KW	1.62	1.65	1.70	1.75	1.73	1.77	1.83	1.88	1.84	1.88	1.94	2.00	1.93	1.97	2.04	2.10	2.01	2.05	2.12	2.19	2.08	2.12	2.19	2.26	
Amps	6.0	6.1	6.3	6.6	6.5	6.6	6.9	7.1	7.0	7.2	7.4	7.7	7.5	7.7	7.9	8.2	8.0	8.2	8.5	8.8	8.5	8.7	9.0	9.3	
Hi Pr	226	243	257	268	254	273	288	301	288	310	328	342	328	353	373	389	370	398	420	438	408	439	464	484	
Lo Pr	102	109	119	127	108	115	126	134	112	120	131	139	118	126	137	146	124	132	144	153	128	136	149	158	

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

EXPANDED COOLING DATA — VSZ130301A\* / AR\*F30301\*\*

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	59	63	67	71								
70	1173	MBh	27.4	28.4	31.1	-	26.8	27.8	30.4	-	26.1	27.1	29.7	-	25.5	26.4	29.0	-	24.2	25.1	27.5	-	22.4	23.3	25.5	-											
		S/T	0.76	0.63	0.44	-	0.79	0.66	0.46	-	0.81	0.67	0.47	-	0.83	0.70	0.48	-	0.87	0.72	0.50	-	0.87	0.73	0.51	-											
		ΔT	16	14	11	-	17	14	11	-	17	14	11	-	17	14	11	-	16	14	11	-	15	13	10	-											
		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	2.52	2.60	-	2.55	2.60	2.68	-											
		Amps	7.8	7.9	8.2	-	8.3	8.5	8.8	-	9.0	9.2	9.5	-	9.6	9.8	10.2	-	10.2	10.5	10.8	-	10.8	11.1	11.4	-											
	1050	Hi PR	229	246	260	-	257	276	292	-	292	314	332	-	333	358	378	-	374	403	425	-	413	445	470	-											
		Lo PR	107	114	124	-	113	120	131	-	117	125	136	-	123	131	143	-	129	137	150	-	134	142	155	-											
		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	-											
		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	17	15	11	-	17	15	11	-	17	15	11	-	18	15	12	-	17	15	11	-	16	14	11	-											
927	kW	1.97	2.01	2.07	-	2.12	2.16	2.22	-	2.24	2.29	2.36	-	2.35	2.40	2.48	-	2.45	2.50	2.58	-	2.53	2.59	2.67	-												
	Amps	7.7	7.9	8.1	-	8.3	8.5	8.8	-	9.0	9.2	9.5	-	9.6	9.8	10.1	-	10.2	10.4	10.7	-	10.7	11.0	11.3	-												
	Hi PR	227	245	258	-	255	274	290	-	290	312	330	-	330	355	375	-	372	400	422	-	411	442	467	-												
	Lo PR	106	113	123	-	112	119	130	-	116	124	135	-	122	130	142	-	128	136	149	-	133	141	154	-												
	MBh	25.7	26.6	29.1	-	25.1	26.0	28.5	-	24.5	25.4	27.8	-	23.9	24.7	27.1	-	22.7	23.5	25.8	-	21.0	21.8	23.9	-												
75	1173	S/T	0.70	0.58	0.40	-	0.72	0.60	0.42	-	0.74	0.62	0.43	-	0.77	0.64	0.44	-	0.79	0.66	0.46	-	0.80	0.67	0.46	-											
		ΔT	18	15	12	-	18	16	12	-	18	16	12	-	18	16	12	-	18	15	12	-	17	14	11	-											
		kW	1.94	1.98	2.04	-	2.08	2.13	2.19	-	2.21	2.25	2.32	-	2.32	2.37	2.44	-	2.41	2.46	2.54	-	2.49	2.54	2.62	-											
		Amps	7.6	7.8	8.0	-	8.2	8.3	8.6	-	8.8	9.0	9.3	-	9.4	9.6	9.9	-	10.0	10.2	10.5	-	10.5	10.8	11.1	-											
		Hi PR	223	240	253	-	250	269	284	-	284	306	323	-	324	348	368	-	364	392	414	-	402	433	457	-											
	1050	Lo PR	104	111	121	-	110	117	128	-	114	121	133	-	120	128	139	-	126	134	146	-	130	138	151	-											
		MBh	27.89	28.71	31.08	33.36	27.24	28.05	30.36	32.58	26.59	27.38	29.64	31.81	25.94	26.71	28.91	31.03	24.65	25.38	27.47	29.48	22.83	23.51	25.44	27.31											
		S/T	0.86	0.77	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	0.98	0.88	0.67	0.43	0.99	0.89	0.67	0.43											
		ΔT	19	17	14	10	19	18	14	10	19	18	14	10	19	18	15	11	10	19	17	14	10	18	16	13	9										
		kW	2.00	2.04	2.10	2.16	2.14	2.19	2.25	2.33	2.27	2.32	2.39	2.47	2.39	2.44	2.51	2.59	2.48	2.54	2.62	2.70	2.57	2.62	2.71	2.79											
927	Amps	7.8	8.0	8.2	8.5	8.4	8.6	8.9	9.2	9.1	9.3	9.6	10.0	9.7	9.9	10.3	10.6	10.3	10.5	10.9	11.3	10.9	11.2	11.5	11.9												
	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	108	115	125	133	114	121	132	141	118	126	138	147	124	132	145	154	130	139	151	161	135	144	157	167												
	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	24.3	25.0	27.1	29.0	22.5	23.2	25.1	26.9												
	S/T	0.83	0.74	0.56	0.36	0.86	0.77	0.58	0.37	0.88	0.79	0.60	0.38	0.91	0.81	0.61	0.40	0.94	0.84	0.64	0.41	0.95	0.85	0.64	0.41												
70	1173	ΔT	20	18	15	10	20	19	15	10	20	19	15	11	20	19	15	11	20	18	15	10	19	17	14	10											
		kW	1.99	2.03	2.09	2.15	2.13	2.18	2.24	2.31	2.26	2.31	2.38	2.45	2.37	2.42	2.50	2.58	2.47	2.52	2.60	2.69	2.55	2.61	2.69	2.78											
		Amps	7.8	8.0	8.2	8.5	8.4	8.6	8.8	9.1	9.1	9.3	9.6	9.9	9.6	9.9	10.2	10.6	10.2	10.5	10.8	11.2	10.8	11.1	11.4	11.9											
		Hi PR	230	247	261	272	258	277	293	305	293	315	333	347	334	359	379	395	375	404	427	445	415	446	471	492											
		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											
	1050	MBh	26.1	26.9	29.1	31.2	25.5	26.3	28.4	30.5	24.9	25.6	27.7	29.8	24.3	25.00	27.1	29.0	23.1	23.8	25.7	27.6	21.4	22.0	23.8	25.6											
		S/T	0.79	0.71	0.54	0.35	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	21	19	15	11	21	19	16	11	21	19	16	11	21	19	16	11	21	19	16	11	19	18	15	10											
		kW	1.96	2.00	2.06	2.12	2.10	2.14	2.21	2.28	2.22	2.27	2.34	2.42	2.34	2.38	2.46	2.54	2.43	2.48	2.56	2.64	2.51	2.56	2.65	2.73											
		Amps	7.6	7.8	8.1	8.3	8.2	8.4	8.7	9.0	8.9	9.1	9.4	9.7	9.5	9.7	10.0	10.4	10.1	10.3	10.6	11.0	10.6	10.9	11.2	11.6											
927	Hi PR	225	242	256	267	252	272	287	299	287	309	326	340	327	352	372	388	368	396	418	436	406	437	462	482												
	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												

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

EXPANDED COOLING DATA — VSZ130301A\* / AR\*F30301\*\* (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	1173	MBh	28.38	29.00	30.99	33.13	27.72	28.33	30.27	32.36	27.06	27.66	29.55	31.59	26.40	26.98	28.83	30.81	25.08	25.63	27.38	29.27	23.24	23.74	25.37	27.12
		S/T	0.95	0.89	0.72	0.54	0.98	0.92	0.75	0.56	1.00	0.94	0.77	0.57	1.00	0.98	0.79	0.59	1.00	1.00	0.82	0.62	1.00	1.00	0.83	0.62
		ΔT	21	20	18	14	21	20	18	14	21	21	19	14	21	21	19	14	20	20	18	14	18	19	17	13
		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	2.41	2.46	2.53	2.62	2.50	2.56	2.64	2.72	2.59	2.64	2.73	2.82
		Amps	7.9	8.1	8.3	8.6	8.5	8.7	9.0	9.3	9.2	9.4	9.7	10.1	9.8	10.0	10.3	10.7	10.4	10.6	11.0	11.4	11.0	11.3	11.6	12.0
		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	109	116	127	135	115	123	134	142	120	127	139	148	126	134	146	156	132	140	153	163	136	145	158	169	
	1050	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	0.91	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	22	21	19	15	22	22	19	15	23	22	19	15	23	22	19	15	22	21	19	15	20	20	17	14
		kW	2.00	2.04	2.10	2.17	2.15	2.19	2.26	2.33	2.28	2.33	2.40	2.47	2.39	2.44	2.52	2.60	2.49	2.54	2.62	2.71	2.57	2.63	2.71	2.80
		Amps	7.8	8.0	8.3	8.6	8.4	8.6	8.9	9.2	9.1	9.3	9.6	10.0	9.7	10.0	10.3	10.7	10.3	10.6	10.9	11.3	10.9	11.2	11.5	12.0
Hi PR		232	250	264	275	260	280	296	308	296	318	336	351	337	363	383	399	379	408	431	449	419	451	476	497	
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		
927	MBh	26.6	27.1	29.0	31.0	25.9	26.5	28.3	30.3	25.3	25.9	27.7	29.6	24.7	25.3	27.0	28.8	23.5	24.0	25.6	27.4	21.7	22.2	23.7	25.4	
	S/T	0.87	0.82	0.66	0.50	0.90	0.85	0.69	0.51	0.92	0.87	0.71	0.53	0.95	0.89	0.73	0.54	0.99	0.93	0.76	0.56	1.00	0.94	0.76	0.57	
	ΔT	23	22	19	15	23	22	19	15	23	22	19	15	23	22	19	16	23	22	19	15	22	21	18	14	
	kW	1.97	2.01	2.07	2.13	2.12	2.16	2.22	2.29	2.24	2.29	2.36	2.43	2.35	2.40	2.48	2.56	2.45	2.50	2.58	2.66	2.53	2.59	2.67	2.76	
	Amps	7.7	7.9	8.1	8.4	8.3	8.5	8.8	9.1	9.0	9.2	9.5	9.8	9.6	9.8	10.1	10.5	10.2	10.4	10.7	11.1	10.7	11.0	11.3	11.8	
	Hi PR	227	245	258	269	255	274	290	302	290	312	330	344	330	355	375	391	372	400	422	440	411	442	467	487	
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		
85	1173	MBh	28.88	29.44	30.83	32.89	28.21	28.76	30.12	32.13	27.54	28.07	29.40	31.36	26.87	27.39	28.68	30.60	25.52	26.02	27.25	29.07	23.64	24.10	25.24	26.93
		S/T	0.99	0.96	0.87	0.70	1.00	0.99	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	0.99	0.81
		ΔT	22	22	21	18	22	22	21	18	22	22	21	18	21	21	21	18	20	20	21	18	19	19	20	17
		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	2.75	2.61	2.66	2.75	2.84
		Amps	8.0	8.1	8.4	8.7	8.6	8.8	9.0	9.4	9.3	9.5	9.8	10.1	9.9	10.1	10.4	10.8	10.5	10.7	11.1	11.5	11.1	11.4	11.7	12.2
		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	110	117	128	136	116	124	135	144	121	129	140	150	127	135	147	157	133	142	155	165	138	146	160	170	
	1050	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	0.95	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	24	23	22	19	24	24	22	19	24	24	22	19	23	24	22	19	22	22	22	19	20	21	21	18
		kW	2.02	2.06	2.12	2.19	2.17	2.21	2.28	2.35	2.30	2.34	2.42	2.49	2.41	2.46	2.54	2.62	2.51	2.56	2.64	2.73	2.59	2.65	2.74	2.82
		Amps	7.9	8.1	8.3	8.6	8.5	8.7	9.0	9.3	9.2	9.4	9.7	10.1	9.8	10.1	10.4	10.7	10.4	10.7	11.0	11.4	11.0	11.3	11.6	12.1
Hi PR		234	252	266	278	263	283	299	311	299	322	340	354	340	366	387	403	383	412	435	454	423	455	481	502	
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		
927	MBh	27.0	27.6	28.9	30.8	26.4	26.9	28.2	30.1	25.8	26.3	27.5	29.4	25.1	25.6	26.8	28.6	23.9	24.4	25.5	27.2	22.1	22.6	23.6	25.2	
	S/T	0.91	0.88	0.79	0.64	0.94	0.91	0.82	0.67	0.97	0.93	0.84	0.68	1.00	0.96	0.87	0.71	1.00	1.00	0.90	0.73	1.00	1.00	0.91	0.74	
	ΔT	24	24	23	20	25	24	23	20	25	24	23	20	25	25	25	23	24	24	23	20	22	22	21	18	
	kW	1.99	2.03	2.09	2.15	2.13	2.18	2.24	2.31	2.26	2.31	2.38	2.45	2.37	2.42	2.50	2.58	2.47	2.52	2.60	2.69	2.55	2.61	2.69	2.78	
	Amps	7.8	8.0	8.2	8.5	8.4	8.6	8.8	9.1	9.1	9.3	9.6	9.9	9.6	9.9	10.2	10.6	10.2	10.5	10.8	11.2	10.8	11.1	11.4	11.9	
	Hi PR	230	247	261	272	258	277	293	305	293	315	333	347	334	359	379	395	375	404	426	445	415	446	471	491	
Lo PR	107	114	124	133	113	120	131	140	118	125	137	146	124	131	144	153	130	138	150	160	134	143	156	166		

IDB: Entering Indoor Dry Bulb Temperature  
 High and low pressures are measured at the liquid and suction service valves.  
 Shaded area reflects AHRI (TV) Rating Conditions  
 kW = Total system power  
 Amps = Outdoor unit amps (compressor + fan)

EXPANDED COOLING DATA — VSZ130361B\* / AR\*F364216\*\*

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	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	0.75	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	18	15	12	-	18	15	12	-	18	15	12	-	18	16	12	-	18	15	12	-	17	14	11	-	
		KW	2.49	2.54	2.62	-	2.68	2.74	2.82	-	2.84	2.91	3.00	-	2.99	3.06	3.16	-	3.12	3.18	3.29	-	3.22	3.30	3.40	-	
		Amps	8.6	8.8	9.1	-	9.3	9.5	9.8	-	10.1	10.3	10.7	-	10.8	11.0	11.4	-	11.5	11.7	12.1	-	12.1	12.4	12.8	-	
		Hi Pr	238	256	270	-	267	287	303	-	304	327	345	-	346	372	393	-	389	419	442	-	430	463	488	-	
	Lo Pr	107	114	124	-	113	120	131	-	118	125	137	-	124	131	144	-	130	138	150	-	134	143	156	-		
	1200	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	0.72	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	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	18	16	12	-	17	15	11	-	
		KW	2.47	2.52	2.60	-	2.66	2.71	2.80	-	2.82	2.88	2.97	-	2.97	3.03	3.13	-	3.09	3.16	3.26	-	3.20	3.27	3.38	-	
		Amps	8.5	8.7	9.0	-	9.2	9.4	9.7	-	10.0	10.2	10.6	-	10.7	10.9	11.3	-	11.3	11.6	12.0	-	12.0	12.3	12.7	-	
Hi Pr		236	253	268	-	264	284	300	-	301	323	342	-	342	368	389	-	385	414	438	-	426	458	484	-		
Lo Pr	106	113	123	-	112	119	130	-	116	124	135	-	122	130	142	-	128	136	149	-	133	141	154	-			
1050	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	-		
	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	-		
	ΔT	19	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	18	15	12	-		
	KW	2.41	2.46	2.54	-	2.59	2.65	2.73	-	2.75	2.81	2.90	-	2.89	2.96	3.05	-	3.01	3.08	3.18	-	3.12	3.19	3.29	-		
	Amps	8.3	8.5	8.8	-	9.0	9.2	9.5	-	9.7	10.0	10.3	-	10.4	10.6	11.0	-	11.0	11.3	11.7	-	11.7	12.0	12.4	-		
	Hi Pr	228	246	260	-	256	276	291	-	292	314	331	-	332	357	377	-	374	402	425	-	413	444	469	-		
Lo Pr	103	109	120	-	109	116	126	-	113	120	131	-	119	126	138	-	124	132	144	-	129	137	149	-			
75	1350	MBh	34.88	35.91	38.87	41.72	34.07	35.08	37.97	40.75	33.26	34.24	37.06	39.78	32.45	33.41	36.16	38.81	30.82	31.74	34.35	36.87	28.55	29.40	31.82	34.15	
		S/T	0.86	0.77	0.58	0.37	0.89	0.79	0.60	0.39	0.91	0.81	0.62	0.40	0.94	0.84	0.64	0.41	0.97	0.87	0.66	0.42	0.98	0.88	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	2.51	2.56	2.64	2.73	2.70	2.76	2.84	2.94	3.02	2.87	2.93	3.02	3.12	3.02	3.08	3.18	3.29	3.14	3.21	3.32	3.43	3.25	3.32	3.43	3.55
		Amps	8.7	8.9	9.2	9.5	9.4	9.6	9.9	10.3	10.7	10.2	10.4	10.8	11.2	10.9	11.1	11.5	11.9	11.6	11.8	12.2	12.7	12.2	12.5	13.0	13.4
		Hi Pr	240	259	273	285	270	290	306	320	330	307	330	349	364	349	376	397	414	393	423	447	466	434	467	493	515
	Lo Pr	108	115	126	134	114	122	133	141	141	119	126	138	147	125	133	145	154	131	139	152	162	135	144	157	167	
	1200	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	<b>32.4</b>	35.1	37.7	29.9	30.8	33.3	35.8	27.7	28.5	30.9	33.2	
		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	<b>0.80</b>	0.61	0.39	0.93	0.83	0.63	0.40	0.94	0.84	0.63	0.41	
		ΔT	21	20	16	11	21	20	16	11	21	20	16	11	22	<b>20</b>	16	11	21	20	16	11	20	18	15	10	
		KW	2.49	2.54	2.62	2.70	2.68	2.74	2.82	2.91	2.85	2.91	3.00	3.10	2.99	<b>3.06</b>	3.16	3.26	3.12	3.19	3.29	3.40	3.22	3.30	3.40	3.52	
		Amps	8.6	8.8	9.1	9.4	9.3	9.5	9.8	10.2	10.1	10.3	10.7	11.1	10.8	<b>11.0</b>	11.4	11.8	11.5	11.5	11.7	12.1	12.6	12.1	12.4	12.8	13.3
Hi Pr		238	256	270	282	267	287	303	316	304	327	345	360	346	<b>372</b>	393	410	389	419	442	461	461	430	463	489	510	
Lo Pr	107	114	124	133	113	120	131	140	118	125	137	146	124	<b>131</b>	144	153	130	138	150	160	160	134	143	156	166		
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	0.79	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	0.80	0.61	0.39	0.90	0.81	0.61	0.39		
	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	2.43	2.48	2.56	2.64	2.61	2.67	2.75	2.84	2.78	2.84	2.93	3.02	2.92	2.98	3.08	3.18	3.04	3.11	3.21	3.31	3.14	3.21	3.32	3.43		
	Amps	8.4	8.6	8.9	9.2	9.0	9.3	9.6	9.9	9.8	10.0	10.4	10.8	10.5	10.7	11.1	11.5	11.1	11.4	11.8	12.2	11.8	12.1	12.5	13.0		
	Hi Pr	231	248	262	274	259	279	294	307	295	317	335	349	335	361	381	398	377	406	429	447	417	449	474	494		
Lo Pr	104	111	121	129	110	117	128	136	114	121	133	141	120	128	139	148	126	134	146	155	130	138	151	161			

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

EXPANDED COOLING DATA — VSZ130361B\* / AR\*F364216\*\* (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	35.50	36.27	38.75	41.43	34.67	35.43	37.85	40.46	33.85	34.59	36.95	39.50	33.02	33.74	36.05	38.54	31.37	32.06	34.25	36.61	29.06	29.69	31.72	33.91
		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	23	22	19	15	24	22	19	15	22	22	19	15	22	22	19	15	21	22	19	15	20	20	18	14
		KW	2.53	2.58	2.66	2.75	2.72	2.78	2.87	2.96	2.89	2.95	3.05	3.15	3.04	3.11	3.21	3.32	3.17	3.24	3.35	3.46	3.28	3.35	3.46	3.58
		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	12.0	12.3	12.8	12.4	12.7	13.1	13.6
		Hi Pr	243	261	276	288	272	293	310	323	310	333	352	367	353	380	401	418	397	427	451	470	439	472	498	520
	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	34.5	35.2	37.6	40.2	33.7	34.4	36.8	39.3	32.9	33.6	35.9	38.4	32.1	32.8	35.0	37.4	30.5	31.1	33.3	35.5	28.2	28.8	30.8	32.9	
	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	
	ΔT	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	23	23	20	16	22	21	19	15	
	KW	2.51	2.56	2.64	2.73	2.70	2.76	2.85	2.94	2.87	2.93	3.02	3.12	3.02	3.08	3.18	3.29	3.14	3.21	3.32	3.43	3.25	3.32	3.43	3.55	
	Amps	8.7	8.9	9.2	9.5	9.4	9.6	9.9	10.3	10.2	10.4	10.8	11.2	10.9	11.1	11.5	11.9	11.6	11.8	12.2	12.7	12.2	12.5	13.0	13.4	
Hi Pr	240	259	273	285	270	290	306	320	307	330	349	364	349	376	397	414	393	423	447	466	434	467	493	515		
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	31.8	32.5	34.7	37.1	31.1	31.7	33.9	36.3	30.3	31.0	33.1	35.4	29.6	30.2	32.3	34.5	28.1	28.7	30.7	32.8	26.0	26.6	28.4	30.4		
S/T	0.86	0.81	0.66	0.49	0.89	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	24	23	20	16	24	23	20	16	24	23	20	16	25	24	20	16	24	23	20	16	23	22	19	15		
KW	2.45	2.50	2.58	2.66	2.64	2.69	2.78	2.87	2.80	2.86	2.95	3.05	2.94	3.01	3.10	3.21	3.06	3.13	3.23	3.34	3.17	3.24	3.35	3.46		
Amps	8.5	8.7	8.9	9.3	9.1	9.3	9.6	10.0	9.9	10.1	10.5	10.9	10.6	10.8	11.2	11.6	11.2	11.5	11.9	12.3	11.9	12.2	12.6	13.1		
Hi Pr	233	251	265	276	262	282	297	310	298	320	338	353	339	365	385	402	381	410	433	452	421	453	479	499		
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	1350	MBh	36.12	36.82	38.56	41.14	35.28	35.96	37.66	40.18	34.44	35.11	36.77	39.22	33.60	34.25	35.87	38.27	31.92	32.54	34.08	36.35	29.57	30.14	31.57	33.68
		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	24	23	19	24	24	23	20	23	24	23	20	23	23	23	20	22	22	23	20	20	21	21	18
		KW	2.55	2.60	2.68	2.77	2.74	2.80	2.89	2.99	2.91	2.98	3.07	3.18	3.07	3.13	3.24	3.34	3.20	3.27	3.37	3.49	3.31	3.38	3.49	3.61
		Amps	8.8	9.1	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	12.2	11.8	12.1	12.5	12.9	12.5	12.8	13.2	13.7
		Hi Pr	245	264	279	291	275	296	313	326	313	337	356	371	356	384	405	422	401	431	456	475	443	477	503	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	35.1	35.7	37.4	39.9	34.3	34.9	36.6	39.0	33.4	34.1	35.7	38.1	32.6	33.3	34.8	37.2	31.0	31.6	33.1	35.3	28.7	29.3	30.6	32.7	
	S/T	0.94	0.91	0.82	0.66	0.97	0.94	0.85	0.69	1.00	0.96	0.87	0.70	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	25	23	20	26	25	24	21	26	25	24	21	25	25	24	21	24	24	24	20	22	22	22	19	
	KW	2.53	2.58	2.66	2.75	2.72	2.78	2.87	2.96	2.89	2.95	3.05	3.15	3.04	3.11	3.21	3.32	3.17	3.24	3.35	3.46	3.28	3.35	3.46	3.58	
	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	12.0	12.3	12.8	12.4	12.7	13.1	13.6	
Hi Pr	243	261	276	288	272	293	310	323	310	333	352	367	353	380	401	418	397	427	451	470	439	472	498	520		
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	32.4	33.0	34.6	36.9	31.6	32.2	33.8	36.0	30.9	31.5	32.9	35.1	30.1	30.7	32.1	34.3	28.6	29.2	30.5	32.6	26.5	27.0	28.3	30.2		
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	0.86	0.70	1.00	0.99	0.90	0.73	1.00	1.00	0.91	0.73		
ΔT	26	25	24	21	26	26	24	21	26	26	24	21	26	26	24	21	25	25	24	21	23	24	22	19		
KW	2.47	2.52	2.60	2.68	2.66	2.71	2.80	2.89	2.82	2.88	2.97	3.07	2.97	3.03	3.13	3.23	3.09	3.16	3.26	3.37	3.20	3.27	3.38	3.49		
Amps	8.5	8.7	9.0	9.3	9.2	9.4	9.7	10.1	10.0	10.2	10.6	11.0	10.7	10.9	11.3	11.7	11.3	11.6	12.0	12.5	12.0	12.3	12.7	13.2		
Hi Pr	235	253	268	279	264	284	300	313	301	323	341	356	342	368	389	406	385	414	438	456	425	458	483	504		
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 (TVA) Rating Conditions  
 kW = Total system power  
 Amps = Outdoor unit amps (compressor + fan)

EXPANDED COOLING DATA — VSZ130421A\* / AR\*F364216\*\*

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	MBh	39.7	41.1	45.1	-	38.8	40.2	44.0	-	37.8	39.2	43.0	-	36.9	38.3	41.9	-	35.1	36.4	39.8	-	32.5	33.7	36.9	-
	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	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	17	15	11	-
	kW	2.89	2.95	3.04	-	3.10	3.17	3.27	-	3.29	3.36	3.47	-	3.46	3.54	3.65	-	3.60	3.68	3.80	-	3.73	3.81	3.93	-
	Amps	10.3	10.5	10.9	-	11.1	11.4	11.8	-	12.1	12.4	12.8	-	13.0	13.3	13.8	-	13.8	14.2	14.7	-	14.7	15.1	15.6	-
	Hi PR	218	234	247	-	244	263	277	-	278	299	315	-	316	340	359	-	356	383	404	-	393	423	447	-
	Lo PR	107	114	124	-	113	120	131	-	118	125	137	-	124	131	144	-	130	138	150	-	134	143	156	-
	MBh	38.5	39.9	43.8	-	37.6	39.0	42.7	-	36.7	38.1	41.7	-	35.8	37.1	40.7	-	34.1	35.3	38.7	-	31.5	32.7	35.8	-
	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	19	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	17	15	11	-
	kW	2.87	2.93	3.02	-	3.08	3.14	3.24	-	3.27	3.34	3.44	-	3.43	3.51	3.62	-	3.57	3.65	3.77	-	3.70	3.78	3.90	-
	Amps	10.2	10.4	10.8	-	11.0	11.3	11.7	-	12.0	12.3	12.7	-	12.9	13.2	13.6	-	13.7	14.1	14.5	-	14.6	14.9	15.4	-
Hi PR	215	232	245	-	242	260	275	-	275	296	312	-	313	337	356	-	352	379	400	-	389	419	442	-	
Lo PR	106	113	123	-	112	119	130	-	116	124	135	-	122	130	142	-	128	136	149	-	133	141	154	-	
MBh	35.6	36.9	40.4	-	34.7	36.0	39.4	-	33.9	35.1	38.5	-	33.1	34.3	37.6	-	31.4	32.6	35.7	-	29.1	30.2	33.1	-	
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	17	13	-	19	17	13	-	19	17	13	-	19	16	13	-	18	15	12	-	
kW	2.80	2.86	2.94	-	3.01	3.07	3.17	-	3.19	3.26	3.36	-	3.35	3.42	3.53	-	3.49	3.56	3.68	-	3.61	3.68	3.80	-	
Amps	9.9	10.1	10.5	-	10.7	11.0	11.3	-	11.7	12.0	12.4	-	12.5	12.8	13.2	-	13.3	13.7	14.1	-	14.1	14.5	15.0	-	
Hi PR	209	225	237	-	234	252	266	-	267	287	303	-	304	327	345	-	342	368	388	-	377	406	429	-	
Lo PR	103	109	120	-	109	116	126	-	113	120	131	-	119	126	138	-	124	132	144	-	129	137	149	-	
75	MBh	40.36	41.55	44.98	48.27	39.42	40.59	43.93	47.15	38.48	39.62	42.89	46.03	37.54	38.65	41.84	44.91	35.67	36.72	39.75	42.66	33.04	34.02	36.82	39.52
	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	21	19	16	11	21	19	16	11	21	19	16	11	21	19	16	11	21	19	16	11	19	18	15	10
	kW	2.91	2.97	3.06	3.16	3.13	3.19	3.29	3.40	3.32	3.39	3.50	3.61	3.49	3.57	3.68	3.80	3.63	3.71	3.83	3.96	3.76	3.84	3.97	4.10
	Amps	10.4	10.6	11.0	11.4	11.2	11.5	11.9	12.4	12.2	12.5	13.0	13.5	13.1	13.4	13.9	14.4	14.0	14.3	14.8	15.4	14.8	15.2	15.7	16.4
	Hi PR	220	236	250	260	247	265	280	292	280	302	319	332	319	344	363	379	359	387	408	426	397	427	451	471
	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	39.2	40.3	43.7	46.9	38.3	39.4	42.7	45.8	37.4	38.5	41.6	44.7	36.5	37.5	40.6	43.6	34.6	35.7	38.6	41.4	32.1	33.0	35.7	38.4
	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	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	2.89	2.95	3.04	3.13	3.10	3.17	3.27	3.37	3.29	3.36	3.47	3.58	3.46	3.54	3.65	3.77	3.60	3.68	3.80	3.93	3.73	3.81	3.93	4.06
	Amps	10.3	10.5	10.9	11.3	11.1	11.4	11.8	12.2	12.1	12.4	12.8	13.3	13.0	13.3	13.8	14.3	13.8	14.2	14.7	15.3	14.7	15.1	15.6	16.2
Hi PR	218	234	247	258	244	263	277	289	278	299	316	329	316	340	359	375	356	383	404	422	393	423	447	466	
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	36.2	37.2	40.3	43.3	35.3	36.4	39.4	42.3	34.5	35.5	38.4	41.2	33.6	34.64	37.5	40.2	32.0	32.9	35.6	38.2	29.6	30.5	33.0	35.4	
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	12	22	20	17	12	22	21	17	12	22	20	17	11	21	19	16	11	
kW	2.82	2.88	2.97	3.06	3.03	3.09	3.19	3.29	3.22	3.28	3.39	3.50	3.38	3.45	3.56	3.68	3.52	3.59	3.71	3.83	3.64	3.71	3.84	3.96	
Amps	10.0	10.2	10.6	11.0	10.8	11.1	11.5	11.9	11.8	12.1	12.5	13.0	12.6	12.9	13.4	13.9	13.4	13.8	14.3	14.8	14.3	14.6	15.1	15.7	
Hi PR	211	227	240	250	237	255	269	281	269	290	306	319	307	330	349	364	345	371	392	409	381	410	433	452	
Lo PR	104	111	121	129	110	117	128	136	114	121	133	141	120	128	139	148	126	134	146	155	130	138	151	161	

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

EXPANDED COOLING DATA — VSZ130421A\* / AR\*F364216\*\* (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	MBh	41.08	41.97	44.84	47.94	40.12	41.00	43.80	46.82	39.17	40.02	42.76	45.71	38.21	39.05	41.72	44.59	36.30	37.09	39.63	42.36	33.63	34.36	36.71	39.24
	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	2.3	2.2	1.9	1.5	2.3	2.2	1.9	1.6	2.4	2.2	1.9	1.6	2.3	2.3	2.0	1.6	2.2	2.2	1.9	1.5	2.0	2.1	1.8	1.4
	kW	2.93	3.00	3.09	3.18	3.15	3.22	3.32	3.43	3.35	3.42	3.53	3.64	3.52	3.59	3.71	3.83	3.66	3.74	3.87	3.99	3.79	3.87	4.00	4.13
	Amps	10.4	10.7	11.1	11.5	11.3	11.6	12.0	12.5	12.3	12.7	13.1	13.6	13.2	13.6	14.0	14.6	14.1	14.5	15.0	15.6	15.0	15.4	15.9	16.5
	Hi PR	222	239	252	263	249	268	283	295	283	305	322	336	323	347	367	382	363	391	412	430	401	432	456	475
	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	39.9	40.8	43.5	46.5	39.0	39.8	42.5	45.5	38.0	38.9	41.5	44.4	37.1	37.9	40.5	43.3	35.2	36.0	38.5	41.1	32.6	33.4	35.6	38.1
	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	2.4	2.3	2.0	1.6	2.4	2.3	2.0	1.6	2.4	2.3	2.0	1.6	2.4	2.3	2.0	1.6	2.4	2.3	2.0	1.6	2.2	2.2	1.9	1.5
	kW	2.91	2.97	3.06	3.16	3.13	3.19	3.29	3.40	3.32	3.39	3.50	3.61	3.49	3.57	3.68	3.80	3.63	3.71	3.83	3.96	3.76	3.84	3.97	4.10
	Amps	10.4	10.6	11.0	11.4	11.2	11.5	11.9	12.4	12.2	12.5	13.0	13.5	13.1	13.4	13.9	14.4	14.0	14.3	14.8	15.4	14.8	15.2	15.7	16.4
Hi PR	220	237	250	260	247	265	280	292	280	302	319	332	319	344	363	379	359	387	408	426	397	427	451	471	
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	36.8	37.6	40.2	43.0	36.0	36.7	39.3	42.0	35.1	35.9	38.3	41.0	34.2	35.0	37.4	40.0	32.5	33.2	35.5	38.0	30.1	30.8	32.9	35.2	
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	2.4	2.3	2.0	1.6	2.5	2.4	2.1	1.6	2.5	2.4	2.1	1.6	2.5	2.4	2.1	1.7	2.5	2.4	2.0	1.6	2.3	2.2	1.9	1.5	
kW	2.84	2.90	2.99	3.08	3.06	3.12	3.22	3.32	3.24	3.31	3.41	3.52	3.41	3.48	3.59	3.71	3.55	3.62	3.74	3.86	3.67	3.75	3.87	3.99	
Amps	10.1	10.3	10.7	11.1	10.9	11.2	11.6	12.0	11.9	12.2	12.6	13.1	12.7	13.1	13.5	14.0	13.6	13.9	14.4	15.0	14.4	14.8	15.3	15.9	
Hi PR	213	229	242	253	239	257	272	284	272	293	309	322	310	333	352	367	349	375	396	413	385	414	438	456	
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	MBh	41.79	42.60	44.62	47.60	40.82	41.61	43.58	46.50	39.85	40.62	42.54	45.39	38.88	39.63	41.51	44.28	36.93	37.65	39.43	42.07	34.21	34.88	36.53	38.97
	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	2.5	2.4	2.3	2.0	2.5	2.4	2.3	2.0	2.4	2.4	2.3	2.0	2.4	2.4	2.3	2.0	2.2	2.3	2.3	2.0	2.1	2.1	2.1	1.9
	kW	2.96	3.02	3.11	3.21	3.18	3.25	3.35	3.45	3.37	3.45	3.56	3.67	3.55	3.62	3.74	3.86	3.69	3.77	3.90	4.03	3.82	3.90	4.03	4.17
	Amps	10.5	10.8	11.2	11.6	11.4	11.7	12.1	12.6	12.5	12.8	13.2	13.7	13.4	13.7	14.2	14.7	14.2	14.6	15.1	15.7	15.1	15.5	16.0	16.7
	Hi PR	224	241	255	266	252	271	286	298	286	308	325	339	326	351	370	386	367	395	417	434	405	436	460	480
	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	40.6	41.4	43.3	46.2	39.6	40.4	42.3	45.1	38.7	39.4	41.3	44.1	37.7	38.5	40.3	43.0	35.9	36.6	38.3	40.8	33.2	33.9	35.5	37.8
	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	2.6	2.5	2.4	2.1	2.6	2.5	2.4	2.1	2.6	2.6	2.4	2.1	2.6	2.6	2.4	2.1	2.4	2.5	2.4	2.1	2.3	2.3	2.2	1.9
	kW	2.93	3.00	3.09	3.18	3.15	3.22	3.32	3.43	3.35	3.42	3.53	3.64	3.52	3.59	3.71	3.83	3.66	3.74	3.87	3.99	3.79	3.87	4.00	4.13
	Amps	10.4	10.7	11.1	11.5	11.3	11.6	12.0	12.5	12.3	12.7	13.1	13.6	13.2	13.6	14.0	14.6	14.1	14.5	15.0	15.6	15.0	15.4	15.9	16.5
Hi PR	222	239	252	263	249	268	283	295	283	305	322	336	323	347	367	382	363	391	412	430	401	432	456	475	
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	37.5	38.2	40.0	42.7	36.6	37.3	39.1	41.7	35.7	36.4	38.1	40.7	34.8	35.5	37.2	39.7	33.1	33.7	35.3	37.7	30.7	31.3	32.7	34.9	
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	2.6	2.6	2.4	2.1	2.6	2.6	2.5	2.1	2.6	2.6	2.5	2.1	2.7	2.6	2.5	2.1	2.6	2.6	2.4	2.1	2.4	2.4	2.3	2.0	
kW	2.87	2.93	3.01	3.11	3.08	3.14	3.24	3.34	3.27	3.34	3.44	3.55	3.43	3.51	3.62	3.74	3.57	3.65	3.77	3.89	3.70	3.78	3.90	4.03	
Amps	10.2	10.4	10.8	11.2	11.0	11.3	11.7	12.1	12.0	12.3	12.7	13.2	12.9	13.2	13.6	14.2	13.7	14.1	14.5	15.1	14.5	14.9	15.4	16.0	
Hi PR	215	232	245	255	242	260	275	286	275	296	312	326	313	337	356	371	352	379	400	417	389	419	442	461	
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 (TVA) Rating Conditions  
 kW = Total system power  
 Amps = Outdoor unit amps (compressor + fan)

EXPANDED COOLING DATA — VSZ130481A\* /AR\*F48601\*\*

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	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	0.63	0.44	-	0.79	0.66	0.46	-	0.81	0.67	0.47	-	0.83	0.70	0.48	-	0.86	0.72	0.50	-	0.87	0.73	0.50	-
		ΔT	17	15	11	-	18	15	12	-	18	15	12	-	18	15	12	-	18	15	12	-	16	14	11	-
		kW	3.33	3.39	3.48	-	3.55	3.62	3.72	-	3.75	3.82	3.93	-	3.92	4.00	4.12	-	4.07	4.15	4.28	-	4.20	4.28	4.41	-
		Amps	11.8	12.1	12.5	-	12.7	13.0	13.5	-	13.8	14.2	14.6	-	14.8	15.2	15.7	-	15.7	16.1	16.7	-	16.7	17.1	17.7	-
		Hi PR	234	252	266	-	262	282	298	-	298	321	339	-	340	366	386	-	382	411	434	-	422	454	480	-
	Lo PR	111	118	129	-	117	125	136	-	122	129	141	-	128	136	148	-	134	143	156	-	139	147	161	-	
	1600	MBh	43.8	45.4	49.7	-	42.7	44.3	48.5	-	41.7	43.2	47.4	-	40.7	42.2	46.2	-	38.7	40.1	43.9	-	35.8	37.1	40.7	-
		S/T	0.72	0.60	0.42	-	0.75	0.63	0.43	-	0.77	0.64	0.45	-	0.79	0.66	0.46	-	0.82	0.69	0.48	-	0.83	0.69	0.48	-
		ΔT	18	16	12	-	18	16	12	-	18	16	12	-	19	16	12	-	18	16	12	-	17	15	11	-
		kW	3.31	3.37	3.46	-	3.53	3.59	3.70	-	3.72	3.79	3.90	-	3.89	3.97	4.09	-	4.04	4.12	4.24	-	4.17	4.25	4.38	-
		Amps	11.7	12.0	12.3	-	12.6	12.9	13.4	-	13.7	14.0	14.5	-	14.7	15.0	15.5	-	15.6	16.0	16.5	-	16.5	16.9	17.5	-
Hi PR		231	249	263	-	260	279	295	-	295	318	336	-	336	362	382	-	378	407	430	-	418	450	475	-	
Lo PR	110	117	127	-	116	123	135	-	120	128	140	-	127	135	147	-	133	141	154	-	137	146	159	-		
1400	MBh	40.4	41.9	45.9	-	39.5	40.9	44.8	-	38.5	39.9	43.7	-	37.6	38.9	42.7	-	35.7	37.0	40.5	-	33.1	34.3	37.5	-	
	S/T	0.70	0.58	0.40	-	0.72	0.60	0.42	-	0.74	0.62	0.43	-	0.77	0.64	0.44	-	0.79	0.66	0.46	-	0.80	0.67	0.46	-	
	ΔT	19	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	17	15	11	-	
	kW	3.24	3.30	3.39	-	3.45	3.52	3.62	-	3.64	3.71	3.82	-	3.81	3.88	4.00	-	3.95	4.03	4.15	-	4.07	4.15	4.28	-	
	Amps	11.4	11.6	12.0	-	12.3	12.6	13.0	-	13.3	13.7	14.1	-	14.3	14.6	15.1	-	15.2	15.5	16.1	-	16.1	16.5	17.0	-	
	Hi PR	224	242	255	-	252	271	286	-	286	308	326	-	326	351	371	-	367	395	417	-	406	436	461	-	
Lo PR	106	113	124	-	112	120	131	-	117	124	136	-	123	131	143	-	129	137	149	-	133	142	155	-		
75	1800	MBh	45.84	47.20	51.09	54.83	44.77	46.10	49.90	53.55	43.71	45.00	48.71	52.28	42.64	43.90	47.52	51.00	40.51	41.71	45.15	48.45	37.52	38.64	41.82	44.88
		S/T	0.86	0.77	0.58	0.38	0.89	0.80	0.61	0.39	0.92	0.82	0.62	0.40	0.95	0.85	0.64	0.41	0.98	0.88	0.66	0.43	0.99	0.89	0.67	0.43
		ΔT	20	19	15	11	20	19	15	11	20	19	15	11	21	19	16	11	20	19	15	11	19	17	14	10
		kW	3.35	3.41	3.51	3.61	3.58	3.65	3.75	3.86	3.78	3.85	3.96	4.08	3.95	4.03	4.15	4.27	4.10	4.18	4.31	4.44	4.23	4.32	4.45	4.58
		Amps	11.9	12.2	12.6	13.0	12.9	13.2	13.6	14.1	14.0	14.3	14.8	15.3	14.9	15.3	15.8	16.4	15.9	16.3	16.8	17.5	16.8	17.3	17.8	18.5
		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	506
	Lo PR	112	119	130	138	118	126	137	146	123	131	143	152	129	137	150	160	135	144	157	167	140	149	163	173	
	1600	MBh	44.5	45.8	49.6	53.2	43.5	44.8	48.4	52.0	42.4	43.7	47.3	50.8	41.4	42.6	46.1	49.5	39.3	40.5	43.8	47.0	36.4	37.5	40.6	43.6
		S/T	0.82	0.74	0.56	0.36	0.85	0.76	0.58	0.37	0.87	0.78	0.59	0.38	0.90	0.81	0.61	0.39	0.94	0.84	0.63	0.41	0.94	0.84	0.64	0.41
		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	3.33	3.39	3.48	3.58	3.55	3.62	3.72	3.83	3.75	3.82	3.93	4.05	3.92	4.00	4.12	4.24	4.07	4.15	4.28	4.41	4.20	4.28	4.41	4.55
		Amps	11.8	12.1	12.5	12.9	12.7	13.0	13.5	14.0	13.8	14.2	14.6	15.2	14.8	15.2	15.7	16.3	15.7	16.1	16.7	17.3	16.7	17.1	17.7	18.4
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	111	118	129	137	117	125	136	145	122	129	141	151	128	136	149	158	134	143	156	166	139	147	161	171		
1400	MBh	41.1	42.3	45.8	49.1	40.1	41.3	44.7	48.0	39.2	40.3	43.7	46.8	38.2	39.34	42.6	45.7	36.3	37.4	40.5	43.4	33.6	34.6	37.5	40.2	
	S/T	0.79	0.71	0.54	0.35	0.82	0.74	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	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	3.26	3.32	3.41	3.51	3.48	3.54	3.64	3.75	3.67	3.74	3.85	3.96	3.84	3.91	4.03	4.15	3.98	4.06	4.18	4.31	4.10	4.19	4.31	4.44	
	Amps	11.5	11.7	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	17.2	17.8	
	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	108	114	125	133	114	121	132	141	118	126	137	146	124	132	144	153	130	138	151	161	134	143	156	166		

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

EXPANDED COOLING DATA — VSZ130481A\* /AR\*F48601\*\* (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	0.72	0.54	1.00	0.92	0.75	0.56	1.00	0.94	0.77	0.57	1.00	1.00	0.79	0.59	1.00	1.00	0.82	0.61	1.00	1.00	0.83	0.62
		ΔT	23	22	19	15	23	22	19	15	23	22	19	15	22	23	19	15	21	22	19	15	20	20	18	14
		kW	3.38	3.44	3.53	3.63	3.60	3.67	3.78	3.89	3.80	3.88	3.99	4.11	3.98	4.06	4.18	4.31	4.13	4.22	4.34	4.48	4.26	4.35	4.48	4.62
		Amps	12.0	12.3	12.7	13.2	13.0	13.3	13.7	14.2	14.1	14.4	14.9	15.5	15.1	15.4	16.0	16.6	16.0	16.4	17.0	17.6	17.0	17.4	18.0	18.7
		Hi PR	238	257	271	283	268	288	304	317	304	328	346	361	347	373	394	411	390	420	443	462	431	464	490	511
	Lo PR	113	120	131	140	119	127	139	148	124	132	144	154	130	139	152	161	137	145	159	169	141	150	164	175	
	1600	MBh	45.3	46.3	49.5	52.9	44.2	45.2	48.3	51.6	43.2	44.1	47.2	50.4	42.1	43.1	46.0	49.2	40.0	40.9	43.7	46.7	37.1	37.9	40.5	43.3
		S/T	0.90	0.85	0.69	0.51	0.94	0.88	0.71	0.53	0.96	0.90	0.73	0.55	0.99	0.93	0.76	0.56	1.00	0.96	0.78	0.59	1.00	0.97	0.79	0.59
		ΔT	23	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	23	23	20	16	21	21	18	15
		kW	3.35	3.41	3.51	3.61	3.58	3.65	3.75	3.86	3.78	3.85	3.96	4.08	3.95	4.03	4.15	4.28	4.10	4.18	4.31	4.44	4.23	4.32	4.45	4.58
		Amps	11.9	12.2	12.6	13.0	12.9	13.2	13.6	14.1	14.0	14.3	14.8	15.3	14.9	15.3	15.8	16.4	15.9	16.3	16.8	17.5	16.8	17.3	17.8	18.5
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	506	
Lo PR	112	119	130	139	118	126	137	146	123	131	143	152	129	137	150	160	135	144	157	167	140	149	163	173		
1400	MBh	41.8	42.7	45.6	48.8	40.8	41.7	44.6	47.7	39.9	40.7	43.5	46.5	38.9	39.7	42.5	45.4	36.9	37.8	40.3	43.1	34.2	35.0	37.4	39.9	
	S/T	0.87	0.82	0.66	0.50	0.90	0.85	0.69	0.51	0.92	0.87	0.71	0.53	0.95	0.90	0.73	0.54	0.99	0.93	0.76	0.57	1.00	0.94	0.76	0.57	
	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	3.28	3.34	3.43	3.53	3.50	3.57	3.67	3.77	3.69	3.77	3.87	3.99	3.87	3.94	4.06	4.18	4.01	4.09	4.21	4.34	4.14	4.22	4.34	4.48	
	Amps	11.6	11.8	12.2	12.7	12.5	12.8	13.2	13.7	13.6	13.9	14.4	14.9	14.5	14.9	15.4	16.0	15.5	15.8	16.4	17.0	16.4	16.8	17.3	18.0	
	Hi PR	229	246	260	271	257	277	292	305	292	315	332	346	333	358	378	395	375	403	426	444	414	445	470	490	
Lo PR	109	116	126	134	115	122	133	142	119	127	139	148	125	133	146	155	131	140	152	162	136	144	158	168		
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	0.99	0.96	0.86	0.70	1.00	0.99	0.90	0.73	1.00	1.00	0.92	0.74	1.00	1.00	0.95	0.77	1.00	1.00	0.98	0.80	1.00	1.00	0.99	0.80
		ΔT	24	24	22	19	24	24	23	20	23	24	23	20	23	23	23	20	21	22	22	19	20	20	21	18
		kW	3.40	3.46	3.56	3.66	3.63	3.70	3.80	3.92	3.83	3.91	4.02	4.14	4.01	4.09	4.21	4.34	4.16	4.25	4.38	4.51	4.30	4.38	4.52	4.66
		Amps	12.1	12.4	12.8	13.3	13.1	13.4	13.9	14.4	14.2	14.6	15.1	15.6	15.2	15.6	16.1	16.7	16.2	16.6	17.1	17.8	17.2	17.6	18.2	18.9
		Hi PR	241	259	274	285	270	291	307	320	307	331	349	364	350	377	398	415	394	424	448	467	435	468	495	516
	Lo PR	114	122	133	141	121	128	140	149	125	133	146	155	132	140	153	163	138	147	160	171	143	152	166	177	
	1600	MBh	46.1	47.0	49.2	52.5	45.0	45.9	48.1	51.3	43.9	44.8	46.9	50.1	42.9	43.7	45.8	48.8	40.7	41.5	43.5	46.4	37.7	38.5	40.3	43.0
		S/T	0.95	0.91	0.82	0.67	0.98	0.95	0.85	0.69	1.00	0.97	0.88	0.71	1.00	1.00	0.90	0.73	1.00	1.00	0.94	0.76	1.00	1.00	0.95	0.77
		ΔT	25	25	23	20	25	25	24	20	25	25	24	20	25	25	24	21	23	24	23	20	22	22	22	19
		kW	3.38	3.44	3.53	3.63	3.60	3.67	3.78	3.89	3.80	3.88	3.99	4.11	3.98	4.06	4.18	4.31	4.13	4.22	4.34	4.48	4.26	4.35	4.48	4.62
		Amps	12.0	12.3	12.7	13.2	13.0	13.3	13.7	14.2	14.1	14.4	14.9	15.5	15.1	15.4	16.0	16.6	16.0	16.4	17.0	17.6	17.0	17.4	18.0	18.7
Hi PR		238	257	271	283	268	288	304	317	304	328	346	361	347	373	394	411	390	420	443	462	431	464	490	511	
Lo PR	113	120	131	140	119	127	139	148	124	132	144	154	130	139	152	161	137	145	159	169	141	150	164	175		
1400	MBh	42.5	43.4	45.4	48.5	41.5	42.4	44.4	47.3	40.6	41.3	43.3	46.2	39.6	40.3	42.2	45.1	37.6	38.3	40.1	42.8	34.8	35.5	37.2	39.7	
	S/T	0.91	0.88	0.79	0.64	0.95	0.91	0.82	0.67	0.97	0.94	0.84	0.68	1.00	0.97	0.87	0.71	1.00	1.00	0.90	0.73	1.00	1.00	0.91	0.74	
	ΔT	25	25	24	21	26	25	24	21	26	25	24	21	26	26	24	21	25	25	24	21	23	23	22	19	
	kW	3.31	3.37	3.46	3.56	3.53	3.59	3.69	3.80	3.72	3.79	3.90	4.02	3.89	3.97	4.09	4.21	4.04	4.12	4.24	4.37	4.17	4.25	4.38	4.51	
	Amps	11.7	12.0	12.3	12.8	12.6	12.9	13.3	13.8	13.7	14.0	14.5	15.1	14.7	15.0	15.5	16.1	15.6	16.0	16.5	17.1	16.5	16.9	17.5	18.2	
	Hi PR	231	249	263	274	260	279	295	308	295	318	335	350	336	362	382	399	378	407	430	448	418	450	475	495	
Lo PR	110	117	127	136	116	123	135	143	120	128	140	149	127	135	147	157	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 reflects AHRI (TV) Rating Conditions  
 kW = Total system power  
 Amps = Outdoor unit amps (compressor + fan)

EXPANDED COOLING DATA — VSZ130601A\* / AR\*F48601\*\*

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	2025	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	0.75	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	19	17	13	-	19	17	13	-	19	17	13	-	19	17	13	-	19	17	13	-	18	16	12	-
		kW	4.11	4.19	4.31	-	4.40	4.49	4.62	-	4.66	4.75	4.90	-	4.88	4.99	5.14	-	5.08	5.18	5.34	-	5.24	5.35	5.52	-
		Amps	14.5	14.8	15.3	-	15.7	16.1	16.6	-	17.1	17.5	18.1	-	18.3	18.7	19.3	-	19.4	19.9	20.6	-	20.6	21.1	21.9	-
		Hi PR	225	242	255	-	252	271	287	-	287	309	326	-	327	352	371	-	367	395	418	-	406	437	461	-
	Lo PR	102	108	118	-	108	115	125	-	112	119	130	-	118	125	137	-	123	131	143	-	127	136	148	-	
	1800	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	0.72	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	20	17	13	-	20	17	13	-	20	17	13	-	20	18	13	-	20	17	13	-	19	16	12	-
		kW	4.08	4.16	4.28	-	4.37	4.46	4.59	-	4.62	4.72	4.86	-	4.85	4.95	5.10	-	5.04	5.14	5.30	-	5.20	5.31	5.48	-
		Amps	14.4	14.7	15.2	-	15.5	15.9	16.5	-	16.9	17.3	17.9	-	18.1	18.5	19.2	-	19.3	19.7	20.4	-	20.4	20.9	21.7	-
Hi PR		222	239	253	-	250	269	284	-	284	306	323	-	323	348	368	-	364	392	413	-	402	433	457	-	
Lo PR	101	107	117	-	107	113	124	-	111	118	129	-	116	124	135	-	122	130	142	-	126	134	147	-		
1575	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	0.69	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	20	18	13	-	20	18	13	-	21	18	13	-	21	18	14	-	20	18	13	-	19	16	12	-	
	kW	3.99	4.07	4.18	-	4.27	4.35	4.48	-	4.52	4.61	4.75	-	4.73	4.83	4.98	-	4.92	5.02	5.18	-	5.08	5.19	5.35	-	
	Amps	14.0	14.3	14.8	-	15.1	15.5	16.0	-	16.4	16.8	17.4	-	17.6	18.0	18.6	-	18.7	19.2	19.8	-	19.9	20.4	21.0	-	
	Hi PR	216	232	245	-	242	261	275	-	275	296	313	-	314	338	356	-	353	380	401	-	390	420	443	-	
Lo PR	98	104	114	-	103	110	120	-	108	114	125	-	113	120	131	-	118	126	137	-	122	130	142	-		
75	2025	MBh	56.80	58.48	63.30	67.94	55.48	57.12	61.83	66.36	54.16	55.76	60.36	64.78	52.84	54.40	58.89	63.20	50.20	51.68	55.94	60.04	46.50	47.87	51.82	55.62
		S/T	0.86	0.77	0.58	0.37	0.89	0.79	0.60	0.39	0.91	0.81	0.62	0.40	0.94	0.84	0.64	0.41	0.97	0.87	0.66	0.42	0.98	0.88	0.67	0.43
		ΔT	22	20	17	12	22	21	17	12	22	21	17	12	23	21	17	12	22	20	17	12	21	19	16	11
		kW	4.14	4.22	4.34	4.47	4.43	4.52	4.66	4.80	4.69	4.79	4.94	5.09	4.92	5.02	5.18	5.34	5.12	5.22	5.39	5.56	5.29	5.40	5.57	5.75
		Amps	14.6	15.0	15.5	16.1	15.8	16.2	16.8	17.4	17.2	17.7	18.2	18.9	18.4	18.9	19.5	20.3	19.6	20.1	20.8	21.6	20.8	21.3	22.1	22.9
		Hi PR	227	244	258	269	255	274	289	302	290	312	329	343	330	355	375	391	371	399	422	440	410	441	466	486
	Lo PR	103	110	120	127	109	116	126	135	113	120	131	140	119	126	138	147	125	132	145	154	129	137	150	159	
	1800	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	0.82	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	0.93	0.83	0.63	0.40	0.94	0.84	0.63	0.41
		ΔT	23	21	17	12	23	21	18	12	23	21	18	12	23	22	18	12	23	21	17	12	22	20	16	11
		kW	4.11	4.19	4.31	4.44	4.40	4.49	4.62	4.76	4.66	4.75	4.90	5.05	4.89	4.99	5.14	5.30	5.08	5.18	5.34	5.51	5.24	5.35	5.52	5.70
		Amps	14.5	14.8	15.3	15.9	15.7	16.1	16.6	17.2	17.1	17.5	18.1	18.8	18.3	18.7	19.3	20.1	19.5	19.9	20.6	21.4	20.6	21.1	21.9	22.7
Hi PR		225	242	255	266	252	271	287	299	287	309	326	340	327	352	371	387	368	396	418	436	406	437	461	481	
Lo PR	102	108	118	126	108	115	125	133	112	119	130	139	118	125	137	146	123	131	143	152	128	136	148	158		
1575	MBh	50.9	52.4	56.7	60.9	49.7	51.2	55.4	59.5	48.5	50.0	54.1	58.1	47.3	48.75	52.8	56.6	45.0	46.3	50.1	53.8	41.7	42.9	46.4	49.8	
	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	0.80	0.61	0.39	0.90	0.81	0.61	0.39	
	ΔT	23	22	18	12	24	22	18	12	24	22	18	12	24	22	18	12	24	22	18	12	22	20	17	11	
	kW	4.02	4.10	4.22	4.34	4.30	4.39	4.52	4.65	4.55	4.64	4.78	4.93	4.77	4.87	5.02	5.17	4.96	5.06	5.22	5.38	5.12	5.23	5.39	5.56	
	Amps	14.1	14.4	14.9	15.5	15.3	15.6	16.1	16.8	16.6	17.0	17.6	18.2	17.7	18.2	18.8	19.5	18.9	19.4	20.0	20.8	20.0	20.5	21.2	22.1	
	Hi PR	218	235	248	258	245	263	278	290	278	299	316	330	317	341	360	376	357	384	405	423	394	424	448	467	
Lo PR	99	105	115	122	105	111	121	129	109	116	126	134	114	121	133	141	120	127	139	148	124	132	144	153		

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

EXPANDED COOLING DATA — VSZ130601A\* / AR\*F48601\*\* (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	2025	MBh	57.81	59.07	63.11	67.47	56.47	57.70	61.65	65.90	55.12	56.33	60.18	64.33	53.78	54.95	58.71	62.76	51.09	52.20	55.77	59.62	47.32	48.36	51.66	55.23	
		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	25	24	21	16	26	24	21	17	25	24	21	17	24	24	21	17	23	24	21	17	21	22	19	15		
	kW	4.17	4.25	4.38	4.51	4.47	4.56	4.69	4.84	4.73	4.83	4.97	5.13	4.96	5.06	5.22	5.39	5.16	5.27	5.43	5.60	5.33	5.44	5.61	5.79		
	Amps	14.8	15.1	15.6	16.2	16.0	16.4	16.9	17.6	17.4	17.8	18.4	19.1	18.6	19.1	19.7	20.5	19.8	20.3	21.0	21.8	21.0	21.5	22.3	23.1		
	Hi PR	229	247	261	272	257	277	292	305	293	315	333	347	333	359	379	395	375	404	426	444	414	446	471	491		
	Lo PR	104	111	121	129	110	117	128	136	114	122	133	141	120	128	139	148	126	134	146	156	130	138	151	161		
	1800	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	0.90	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	
	1575	ΔT	26	25	21	17	26	25	22	17	26	25	22	17	26	25	22	17	25	25	22	17	23	23	20	16	
kW		4.14	4.22	4.34	4.47	4.43	4.52	4.66	4.80	4.69	4.79	4.94	5.09	4.92	5.03	5.18	5.34	5.12	5.23	5.39	5.56	5.29	5.40	5.57	5.75		
85	2025	Amps	14.6	15.0	15.5	16.1	15.8	16.2	16.8	17.4	17.2	17.7	18.2	18.9	18.4	18.9	19.5	20.3	19.6	20.1	20.8	21.6	20.8	21.3	22.1	22.9	
		Hi PR	227	244	258	269	255	274	290	302	290	312	329	343	330	355	375	391	371	400	422	440	410	441	466	486	
	Lo PR	103	110	120	127	109	116	126	135	113	120	131	140	119	126	138	147	125	132	145	154	129	137	150	159		
	1800	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	0.86	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	
	1575	ΔT	26	25	22	17	26	25	22	18	26	25	22	18	27	26	22	18	26	25	22	17	25	24	20	16	
		kW	4.05	4.13	4.25	4.37	4.33	4.42	4.55	4.69	4.59	4.68	4.82	4.97	4.81	4.91	5.06	5.22	5.00	5.10	5.26	5.43	5.16	5.27	5.43	5.61	
	85	2025	Amps	14.2	14.6	15.1	15.6	15.4	15.8	16.3	16.9	16.7	17.2	17.7	18.4	17.9	18.4	19.0	19.7	19.1	19.6	20.2	21.0	20.2	20.7	21.4	22.3
			Hi PR	220	237	250	261	247	266	281	293	281	302	319	333	320	344	364	379	360	388	409	427	398	428	452	472
	1800	1575	Lo PR	100	106	116	124	106	112	123	131	110	117	127	136	115	123	134	143	121	129	140	149	125	133	145	155
MBh			58.82	59.96	62.80	67.00	57.45	58.57	61.34	65.44	56.09	57.17	59.88	63.88	54.72	55.78	58.42	62.32	51.98	52.99	55.50	59.21	48.15	49.08	51.41	54.84	
85	2025	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	26	26	24	21	26	26	25	21	25	26	25	21	25	25	25	22	24	24	25	21	22	22	23	20	
	kW	4.20	4.28	4.41	4.54	4.50	4.59	4.73	4.87	4.77	4.86	5.01	5.17	5.00	5.10	5.26	5.43	5.20	5.31	5.47	5.65	5.37	5.48	5.66	5.84		
	Amps	14.9	15.3	15.8	16.4	16.1	16.5	17.1	17.7	17.5	18.0	18.6	19.3	18.8	19.2	19.9	20.7	20.0	20.5	21.2	22.0	21.2	21.7	22.5	23.4		
	Hi PR	232	249	263	275	260	280	295	308	296	318	336	350	337	362	383	399	379	408	430	449	418	450	475	496		
	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		
	1800	1575	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	0.94	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
	85	2025	ΔT	27	27	25	22	28	27	26	22	28	27	26	22	27	27	26	22	26	26	26	22	24	24	24	21
			kW	4.17	4.25	4.38	4.51	4.47	4.56	4.69	4.84	4.73	4.83	4.97	5.13	4.96	5.06	5.22	5.39	5.16	5.27	5.43	5.60	5.33	5.44	5.61	5.79
1800	1575	Amps	14.8	15.1	15.6	16.2	16.0	16.4	16.9	17.6	17.4	17.8	18.4	19.1	18.6	19.1	19.7	20.5	19.8	20.3	21.0	21.8	21.0	21.5	22.3	23.1	
		Hi PR	229	247	261	272	257	277	292	305	293	315	333	347	333	359	379	395	375	404	426	444	414	446	471	491	
85	2025	Lo PR	104	111	121	129	110	117	128	136	114	122	133	141	120	128	139	148	126	134	146	156	130	138	151	161	
		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	
85	2025	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	28	27	26	22	28	28	26	23	28	28	26	23	28	28	26	23	27	27	26	23	25	26	24	21	
85	2025	kW	4.08	4.16	4.28	4.41	4.37	4.45	4.59	4.73	4.62	4.72	4.86	5.01	4.85	4.95	5.10	5.26	5.04	5.14	5.30	5.47	5.20	5.31	5.48	5.65	
		Amps	14.4	14.7	15.2	15.8	15.5	15.9	16.5	17.1	16.9	17.3	17.9	18.6	18.1	18.5	19.2	19.9	19.3	19.7	20.4	21.2	20.4	20.9	21.7	22.5	
85	2025	Hi PR	222	239	253	264	250	269	284	296	284	305	323	336	323	348	367	383	364	391	413	431	402	432	457	476	
		Lo PR	101	107	117	125	107	113	124	132	111	118	129	137	116	124	135	144	122	130	142	151	126	134	147	156	

IDB: Entering Indoor Dry Bulb Temperature  
 High and low pressures are measured at the liquid and suction service valves.  
 Shaded area reflects AHRI (TV) Rating Conditions  
 kW = Total system power  
 Amps = Outdoor unit amps (compressor + fan)

EXPANDED HEATING DATA

VSZ130181A\* / AR\*F182416\*\*

	OUTDOOR AMBIENT TEMPERATURE																	
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10
MBh	21.4	20.2	19.0	17.8	17.0	16.5	15.3	14.1	13.3	12.3	11.3	10.7	10.3	9.2	8.2	7.2	6.1	5.0
ΔT	33.0	31.2	29.4	27.5	26.2	25.4	23.6	21.8	20.6	19.0	17.5	16.5	15.9	14.3	12.7	11.0	9.4	7.7
kW	1.68	1.64	1.61	1.58	1.6	1.54	1.51	1.48	1.46	1.42	1.39	1.37	1.36	1.32	1.29	1.26	1.23	1.19
Amps	7.3	6.7	6.3	5.9	5.7	5.6	5.3	5.0	4.8	4.6	4.3	4.2	4.2	4.0	3.7	3.5	3.2	2.9
COP	3.73	3.60	3.46	3.30	3.19	3.12	2.96	2.79	2.68	2.53	2.39	2.29	2.22	2.04	1.86	1.66	1.46	1.22
EER	12.8	12.3	11.8	11.3	10.9	10.7	10.1	9.5	9.2	8.7	8.2	7.8	7.6	7.0	6.3	5.7	5.0	4.2
Hi PR	392	375	361	345	337	331	318	305	292	279	268	262	257	247	238	228	220	212
Lo PR	145	134	126	115	109	105	96	86	77	69	61	57	55	46	40	34	29	23

VSZ130241C\* / AR\*F182416\*\*

	OUTDOOR AMBIENT TEMPERATURE																	
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10
MBh	28.9	27.4	25.8	24.1	23.0	22.3	20.7	19.1	16.9	15.6	14.3	13.6	13.0	11.7	10.4	9.1	7.7	6.3
ΔT	33.5	31.7	29.8	27.9	26.6	25.8	24.0	22.1	19.5	18.0	16.6	15.7	15.1	13.6	12.0	10.5	8.9	7.3
kW	2.17	2.12	2.08	2.04	2.0	2.00	1.96	1.91	1.80	1.76	1.72	1.70	1.68	1.64	1.60	1.57	1.52	1.49
Amps	10.1	9.3	8.7	8.2	7.9	7.7	7.3	6.9	6.6	6.3	6.0	5.9	5.8	5.5	5.2	4.9	4.5	4.0
COP	3.91	3.77	3.62	3.46	3.34	3.27	3.10	2.92	2.74	2.59	2.44	2.33	2.27	2.08	1.89	1.69	1.48	1.25
EER	13.3	12.9	12.4	11.8	11.4	11.2	10.6	10.0	9.4	8.8	8.3	8.0	7.7	7.1	6.5	5.8	5.1	4.3
Hi PR	413	395	380	364	355	348	335	321	308	294	282	275	271	260	250	240	231	223
Lo PR	131	122	114	105	99	95	88	78	70	63	55	51	50	42	36	30	27	21

VSZ130301A\* / AR\*F30301\*\*

	OUTDOOR AMBIENT TEMPERATURE																	
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10
MBh	33.2	31.4	29.6	27.6	26.4	25.6	23.8	21.9	19.9	18.4	16.9	16.0	15.4	13.8	12.3	10.7	9.1	7.5
ΔT	29.3	27.7	26.1	24.4	23.3	22.6	21.0	19.3	17.6	16.2	14.9	14.1	13.6	12.2	10.8	9.4	8.0	6.6
kW	2.52	2.47	2.42	2.37	2.3	2.32	2.28	2.23	2.37	2.32	2.26	2.23	2.21	2.16	2.11	2.05	2.00	1.95
Amps	9.7	9.0	8.5	8.0	7.7	7.6	7.2	6.9	6.6	6.3	6.0	5.9	5.8	5.6	5.2	5.0	4.6	4.2
COP	3.86	3.72	3.57	3.41	3.29	3.22	3.05	2.88	2.46	2.32	2.19	2.10	2.04	1.88	1.70	1.52	1.34	1.12
EER	13.2	12.7	12.2	11.6	11.3	11.0	10.4	9.8	8.4	7.9	7.5	7.2	7.0	6.4	5.8	5.2	4.6	3.8
Hi PR	366	351	337	323	315	309	297	285	273	261	250	244	240	231	222	213	205	198
Lo PR	129	119	112	103	97	93	86	76	69	62	54	50	49	41	35	30	26	20

VSZ130361B\* / AR\*F364216\*\*

	OUTDOOR AMBIENT TEMPERATURE																	
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10
MBh	42.7	40.5	38.1	35.6	34.0	32.9	30.6	28.2	2.6	2.4	2.2	2.1	2.0	1.8	1.6	1.4	1.2	1.0
ΔT	33.0	31.2	29.4	27.5	26.2	25.4	23.6	21.8	2.0	1.9	1.7	1.6	1.6	1.4	1.2	1.1	0.9	0.8
kW	3.09	3.03	2.97	2.90	2.9	2.84	2.79	2.73	2.70	2.64	2.58	2.54	2.52	2.45	2.39	2.33	2.27	2.21
Amps	14.0	13.0	12.1	11.4	11.0	10.8	10.2	9.7	9.3	8.8	8.4	8.2	8.1	7.7	7.2	6.8	6.3	5.6
COP	4.05	3.91	3.76	3.59	3.47	3.39	3.21	3.03	0.28	0.27	0.25	0.24	0.23	0.22	0.20	0.18	0.15	0.13
EER	13.8	13.4	12.8	12.3	11.8	11.6	11.0	10.4	1.0	0.9	0.9	0.8	0.8	0.7	0.7	0.6	0.5	0.4
Hi PR	383	368	353	338	330	324	311	299	286	273	262	256	251	242	233	223	215	208
Lo PR	133	123	115	106	100	96	89	79	71	64	56	52	50	42	37	31	27	21

High pressure is measured at the suction service valve ( the larger valve).  
 Low pressure is measured at the gauge port connection.  
 Calculations are based on nominal CFM and 70 °F indoor dry bulb.

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

## EXPANDED HEATING DATA (CONT.)

### VSZ130421A\* / AR\*F36421\*\*

	OUTDOOR AMBIENT TEMPERATURE																	
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10
MBh	50.3	47.6	44.8	41.9	40.0	38.8	36.0	33.2	29.9	27.6	25.4	24.0	23.1	20.7	18.4	16.0	13.7	11.2
ΔT	34.5	32.6	30.7	28.7	27.4	26.6	24.7	22.8	20.5	18.9	17.4	16.5	15.9	14.2	12.6	11.0	9.4	7.7
kW	3.60	3.53	3.46	3.39	3.4	3.32	3.25	3.18	3.24	3.16	3.09	3.05	3.02	2.95	2.88	2.80	2.73	2.66
Amps	16.9	15.6	14.5	13.6	13.1	12.9	12.1	11.5	10.9	10.4	9.9	9.7	9.5	9.0	8.4	7.9	7.2	6.4
COP	4.09	3.95	3.79	3.62	3.49	3.42	3.24	3.05	2.70	2.55	2.40	2.30	2.24	2.06	1.87	1.67	1.47	1.23
EER	14.0	13.5	12.9	12.4	11.9	11.7	11.1	10.4	9.2	8.7	8.2	7.9	7.6	7.0	6.4	5.7	5.0	4.2
Hi PR	368	353	340	325	317	311	299	287	275	262	252	246	242	232	223	214	207	199
Lo PR	129	119	112	103	97	93	86	76	69	62	54	50	49	41	35	30	26	20

### VSZ130481A\* / AR\*F48601\*\*

	OUTDOOR AMBIENT TEMPERATURE																	
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10
MBh	55.3	52.4	49.3	46.1	44.0	42.6	39.6	36.5	33.6	31.1	28.6	27.0	26.0	23.3	20.7	18.0	15.4	12.6
ΔT	32.0	30.3	28.5	26.7	25.5	24.7	22.9	21.1	19.5	18.0	16.5	15.6	15.0	13.5	12.0	10.4	8.9	7.3
kW	3.93	3.87	3.80	3.73	3.7	3.66	3.59	3.52	3.37	3.30	3.23	3.19	3.17	3.10	3.04	2.97	2.90	2.84
Amps	18.2	16.8	15.7	14.8	14.3	14.0	13.2	12.5	12.0	11.4	10.9	10.6	10.5	9.9	9.3	8.7	8.1	7.3
COP	4.11	3.96	3.80	3.62	3.49	3.41	3.23	3.03	2.93	2.76	2.59	2.47	2.40	2.20	1.99	1.78	1.55	1.30
EER	14.1	13.5	13.0	12.4	11.9	11.7	11.0	10.4	10.0	9.4	8.8	8.5	8.2	7.5	6.8	6.1	5.3	4.4
Hi PR	380	364	350	335	327	321	308	296	284	271	260	254	249	240	231	221	213	206
Lo PR	129	119	112	103	97	93	86	76	69	62	54	50	49	41	35	30	26	20

### VSZ130601A\* / AR\*F48601\*\*

	OUTDOOR AMBIENT TEMPERATURE																	
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10
MBh	72.9	69.0	65.0	60.7	58.0	56.2	52.2	48.1	44.9	41.4	38.1	36.0	34.7	31.1	27.6	24.0	20.5	16.8
ΔT	37.5	35.5	33.4	31.2	29.8	28.9	26.9	24.8	23.1	21.3	19.6	18.5	17.8	16.0	14.2	12.4	10.6	8.6
kW	5.21	5.11	5.01	4.92	4.9	4.82	4.72	4.63	4.66	4.56	4.46	4.40	4.36	4.26	4.16	4.06	3.96	3.86
Amps	24.0	22.2	20.7	19.5	18.8	18.4	17.3	16.4	15.7	15.0	14.2	13.9	13.7	13.0	12.1	11.3	10.5	9.4
COP	4.10	3.95	3.79	3.62	3.49	3.41	3.23	3.05	2.82	2.66	2.50	2.40	2.33	2.14	1.94	1.73	1.52	1.28
EER	14.0	13.5	13.0	12.4	11.9	11.7	11.1	10.4	9.6	9.1	8.6	8.2	8.0	7.3	6.6	5.9	5.2	4.4
Hi PR	416	399	383	367	358	351	338	324	310	296	285	278	273	262	252	242	233	225
Lo PR	133	123	115	106	100	96	89	79	71	64	56	52	50	42	37	31	27	21

High pressure is measured at the suction service valve ( the larger valve).

Low pressure is measured at the gauge port connection.

Calculations are based on nominal CFM and 70 °F indoor dry bulb.

Amps = Outdoor unit amps (comp.+fan)

kW = Total system power

# AHRI RATINGS

OUTDOOR UNIT	INDOOR UNITS		COOLING CAPACITY				TVA RATINGS <sup>3</sup>			HEATING CAPACITY		CFM	AHRI #
	COILS/AIR HANDLERS	FURNACES	TOTAL	SENS.	SEER <sup>1</sup>	EER <sup>2</sup>	TOTAL	SENS.	HIGH	LOW	HSPF <sup>4</sup>		
VSZ13 0181A*	ACNF24XX16D*		17,400	12,400	13.0	10.9	16,100	12,700	17,000	10,000	7.7	600	4689701
	ARPT18B14A*		17,400	12,400	13.0	11.0	16,100	12,700	17,200	10,000	7.7	570	5429734
	ARPT24B14A*		17,400	12,400	13.0	11.0	16,100	12,700	17,200	10,000	7.7	570	5429736
	ARUF18B14A*		17,400	12,400	13.0	11.0	16,100	12,700	17,200	10,500	7.7	600	5358278
	ARUF18B14A*+TXV		17,400	12,400	13.0	11.0	16,100	12,700	17,200	10,400	7.7	600	5439798
	ARUF24B14A*		17,400	12,400	13.0	11.0	16,100	12,700	17,200	10,000	7.7	600	5429735
	ARUF24B14A*+TXV		17,400	12,400	13.0	11.0	16,100	12,700	17,200	10,400	7.7	600	5439799
	ARUF24B14B*		18,000	12,900	13.0	11.0	16,700	13,200	17,000	10,000	7.7	600	5583629
	ARUF24B14B*+TXV		17,400	12,400	13.0	11.0	16,100	12,700	17,200	10,400	7.7	600	5583630
	ASPF183016E*		17,800	12,700	14.0	11.3	16,500	13,000	17,000	10,000	8.0	600	4248575
	AVPTC183014A*		17,800	12,700	14.0	11.3	16,500	13,000	17,000	10,000	8.0	600	4431291
	AWUF18XX16B*		17,400	12,400	13.0	11.0	16,100	12,700	17,000	10,000	8.0	650	3650273
	AWUF24XX16B*		17,400	12,400	13.0	11.0	16,100	12,700	17,000	10,000	8.0	600	3650274
	AWUF31XX16A*		17,400	12,400	14.0	11.3	16,100	12,700	17,500	10,000	8.2	600	3650275
	CA*F1824*6D*	G*E80603B*B*	17,400	12,400	14.0	11.3	16,100	12,700	17,000	10,000	8.0	650	5038660
	CA*F1824*6D*	G*VC950453BXA*	17,400	12,400	13.5	11.3	16,100	12,700	17,000	10,000	8.0	600	4150319
	CA*F1824*6D*	G*VC950704CXA*	17,400	12,400	13.5	11.0	16,100	12,700	17,000	10,000	8.0	600	4150320
	CA*F1824*6D*	G*VM960603BXA*	17,400	12,400	13.5	11.3	16,100	12,700	17,000	10,000	8.0	600	4653797
	CA*F1824*6D*+EEP		17,400	12,400	13.0	11.5	16,100	12,700	17,000	10,000	7.8	600	4150321
	CA*F1824*6D*+MBVC1200**+1A*		17,400	12,400	14.0	11.3	16,100	12,700	17,000	10,000	8.0	600	4150322
CHPF1824A6C*+EEP		17,400	12,400	13.0	11.5	16,100	12,700	17,000	10,000	7.8	600	3639801	
CHPF2430B6C*	G*E80603B*B*	17,400	12,400	14.0	11.3	16,100	12,700	17,000	10,000	8.0	650	5038703	
CHPF2430B6C*	G*VC950453BXA*	17,400	12,400	13.5	11.3	16,100	12,700	17,000	10,000	8.0	600	3639806	
CHPF2430B6C*	G*VM960603BXA*	17,400	12,400	13.5	11.3	16,100	12,700	17,000	10,000	8.0	600	4653847	
CHPF2430B6C*+MBVC1200**+1A*		17,800	12,700	14.0	11.3	16,500	13,000	17,000	10,000	8.0	600	3639821	
CSCF1824N6D*	G*VC950453BXA*	17,400	12,400	13.5	11.3	16,100	12,700	17,000	10,000	8.0	650	4767656	
CSCF1824N6D*+EEP		17,400	12,400	13.0	11.0	16,100	12,700	17,000	10,000	7.8	600	4767657	
VSZ13 0241B*/C*	ACNF24XX16D*		23,400	17,600	13.0	11.0	21,600	17,300	23,000	13,800	7.7	770	4689697
	ACNF30XX16D*		23,600	17,800	13.0	11.0	21,800	17,500	23,000	13,800	7.7	770	4689698
	ARUF24B14A*		23,200	17,500	13.0	11.0	21,400	17,200	23,000	13,500	7.7	800	5358279
	ARUF24B14B*		23,000	17,300	13.0	11.0	21,200	17,000	21,600	13,500	7.7	800	5583715
	ARUF30B14A*+TXV		23,000	17,300	13.0	11.0	21,200	17,000	21,600	13,600	7.7	775	5439801
	ASPF183016E*		24,000	18,100	14.0	12.0	22,200	17,800	22,800	13,200	8.2	835	4248579
	AVPTC183014A*		24,000	18,100	14.0	12.0	22,200	17,800	22,200	13,200	8.2	820	4431296
	AWUF24XX16B*		22,800	17,200	13.0	11.0	21,200	16,900	23,000	13,800	8.0	800	3859191
	AWUF30XX16B*		23,400	17,600	13.0	11.0	21,600	17,300	23,000	13,800	8.0	800	3859193
	AWUF31XX16A*		24,000	18,100	14.0	12.0	22,200	17,800	22,800	13,400	8.2	800	3859194
	AWUF32XX16A*		24,000	18,100	14.0	12.0	22,200	17,800	22,800	13,400	8.2	800	3859195
	AWUF36XX16B*		24,000	18,100	14.0	11.0	22,200	17,800	22,800	13,800	8.0	800	3859196
CA*F1824*6D*	G*E80603B*B*	23,200	17,500	14.0	11.3	21,400	17,200	22,800	13,200	8.0	860	5038689	

See Notes on Page 25.

AHRI RATINGS (CONT.)

OUTDOOR UNIT	INDOOR UNITS		COOLING CAPACITY			TVA RATINGS <sup>3</sup>			HEATING CAPACITY			CFM	AHRI #	
	COILS/AIR HANDLERS	FURNACES	TOTAL	SENS.	SEER <sup>1</sup>	EER <sup>2</sup>	TOTAL	SENS.	HIGH	HSPF <sup>4</sup>	LOW			
VSZ13 0241B*/C* (cont.)	CA*F1824*6D*+EEP		23,200	17,500	13.0	11.0	21,400	17,200	23,600	8.0	13,800	800	4150330	
	CA*F1824*6D*+MBVC1200**1A*		23,800	17,900	14.0	12.0	22,000	17,600	22,800	8.2	13,200	800	4150331	
	CHPF1824A6C*+EEP		23,200	17,500	13.0	11.0	21,400	17,200	23,400	7.8	13,800	800	3859206	
	CHPF2430B6C*	A*VC950453BXA*	24,000	18,100	14.0	12.0	22,200	17,800	23,000	8.2	13,400	800	3859208	
	CHPF2430B6C*	A*VM960603BXA*	24,000	18,100	14.0	12.0	22,200	17,800	23,000	8.2	13,400	800	4653848	
	CHPF2430B6C*	G*E80603B*B*	23,200	17,500	14.0	11.3	21,400	17,200	23,000	8.0	13,400	860	5038651	
	CHPF2430B6C*	G*VC950453BXA*	24,000	18,100	14.0	12.0	22,200	17,800	23,000	8.2	13,400	800	3859207	
	CHPF2430B6C*	G*VM960603BXA*	24,000	18,100	14.0	12.0	22,200	17,800	23,000	8.2	13,400	800	4653844	
	CHPF2430B6C*+MBVC1200**1A*		24,000	18,100	14.0	12.0	22,200	17,800	23,000	8.2	13,200	800	3859213	
	CSCF1824N6D*	A*VC950453BXA*	23,800	17,900	14.0	12.0	22,000	17,600	23,000	8.2	13,400	800	4767658	
	CSCF1824N6D*	G*VC950453BXA*	23,800	17,900	14.0	12.0	22,000	17,600	23,000	8.2	13,400	800	4767661	
	CSCF1824N6D*+EEP		23,200	17,500	13.0	11.0	21,400	17,200	23,600	8.0	13,400	825	4767662	
	VSZ13 0301A*	ACNF30XX16D*		27,000	20,400	13.0	10.8	25,000	20,200	25,800	7.7	14,000	875	4689699
		ARPT36C14A*		28,400	21,400	13.0	10.9	26,200	21,400	27,000	8.0	16,600	980	5429598
		ARUF30B14A*		28,600	21,500	13.0	11.0	26,400	21,400	27,000	8.0	16,500	990	5358280
		ARUF30B14A*+TXV		28,600	21,500	13.0	11.0	26,400	21,400	27,000	8.0	16,400	1,020	5429737
ARUF36C14A*			27,400	20,600	13.0	11.0	25,400	20,600	27,000	7.8	16,400	950	5429597	
ARUF36C14A*+TXV			28,400	21,400	13.0	11.0	26,200	21,400	27,000	8.0	16,400	1,000	5429600	
ASPF183016E*			28,400	21,400	14.0	11.3	26,200	21,400	26,400	8.2	16,000	1,000	4248581	
AVPTC183014A*			28,400	21,400	14.0	11.3	26,200	21,400	26,400	8.2	16,000	1,050	4431299	
AWUF30XX16B*			27,400	20,600	13.0	11.0	25,400	20,600	25,600	8.0	14,400	1,025	3650294	
AWUF36XX16B*			28,000	21,200	13.0	11.0	26,000	21,000	25,600	8.0	14,400	1,025	3650295	
AWUF37XX16B*			28,000	21,200	13.0	11.0	26,000	21,000	25,800	8.0	14,000	1,050	3650296	
CA*F3131*6D*		A*VC950714CXA*	28,400	21,400	13.5	11.3	26,200	21,400	26,400	8.0	16,000	1,050	4586527	
CA*F3131*6D*		A*VM960604CXA*	28,400	21,400	13.5	11.3	26,200	21,400	26,400	8.0	16,000	1,050	4653893	
CA*F3131*6D*		G*E80603B*B*	28,400	21,400	13.5	11.3	26,200	21,400	26,400	8.2	16,000	1,050	5038618	
CA*F3131*6D*		G*VC950453BXA*	28,400	21,400	13.5	11.3	26,200	21,400	26,400	8.0	16,000	1,000	4385573	
CA*F3131*6D*		G*VC950704CXA*	28,400	21,400	13.5	11.3	26,200	21,400	26,400	8.0	16,000	900	4385574	
CA*F3131*6D*	G*VC950714CXA*	28,400	21,400	13.5	11.3	26,200	21,400	26,400	8.0	16,000	1,050	4385576		
CA*F3131*6D*	G*VM960603BXA*	28,400	21,400	13.5	11.3	26,200	21,400	26,400	8.0	16,000	1,000	4653809		
CA*F3131*6D*	G*VM960604CXA*	28,400	21,400	13.5	11.3	26,200	21,400	26,400	8.0	16,000	1,050	4653891		
CA*F3131*6D*+EEP		28,400	21,400	13.0	11.0	26,200	21,400	26,400	8.0	16,000	1,000	4385577		
CA*F3636*6D*+EEP		28,600	21,600	13.0	11.0	26,400	21,400	26,400	7.8	16,000	1,050	4392868		
CHPF2430B6C*	G*E80603B*B*	28,400	21,400	13.5	11.3	26,200	21,400	26,400	8.2	16,000	1,050	5038652		
CHPF2430B6C*	G*VC950453BXA*	28,400	21,400	13.5	11.3	26,200	21,400	26,400	8.0	16,000	1,050	3639816		
CHPF2430B6C*	G*VM960603BXA*	28,400	21,400	13.5	11.3	26,200	21,400	26,400	8.0	16,000	1,050	4653841		
CHPF2430B6C*+EEP		28,400	21,400	13.0	11.0	26,200	21,400	26,400	8.0	16,000	1,050	3639817		
CHPF2430B6C*+MBVC1200**1A*		28,400	21,400	14.0	11.3	26,200	21,400	26,400	8.2	16,000	1,050	3639823		
CSCF3036N6D*	G*VC950453BXA*	28,400	21,400	13.5	11.3	26,200	21,400	26,400	8.0	16,000	1,000	4767665		
CSCF3036N6D*+EEP		28,400	21,400	13.0	11.0	26,200	21,400	26,400	8.0	16,000	1,000	4767666		

See Notes on Page 25.

AHRI RATINGS (CONT.)

OUTDOOR UNIT	INDOOR UNITS		COOLING CAPACITY			TVA RATINGS <sup>3</sup>			HEATING CAPACITY			CFM	AHRI #
	COILS/AIR HANDLERS	FURNACES	TOTAL	SEER <sup>1</sup>	EER <sup>2</sup>	TOTAL	SENS.	HSPF <sup>4</sup>	HIGH	LOW			
VSZ13 0361B*	ARPT36C14A*		33,000	13.0	11.0	30,600	24,400	8.0	33,000	20,800	1,020	5429739	
	ARPT36D14A*		35,000	13.5	11.5	32,400	26,000	8.0	32,200	20,600	1,020	5429740	
	ARPT42D14A*		33,600	13.5	11.5	31,200	24,800	8.0	32,200	20,800	1,175	5429741	
	ARUF36C14A*		34,800	13.0	11.0	32,200	25,800	8.0	34,000	20,800	1,200	5358281	
	ARUF36C14A*+TXV		33,000	13.0	11.0	30,600	24,400	8.0	33,000	20,800	1,200	5439802	
	ARUF42C14A*		33,600	13.0	11.0	31,200	24,800	8.0	34,000	20,800	1,000	5598663	
	ARUF42C14A*+TXV		33,600	13.0	11.0	31,200	24,800	8.0	34,000	20,800	1,020	5429747	
	ASPF313716E*		35,000	14.0	11.5	32,400	26,000	8.2	34,000	20,000	1,000	4355485	
	AVPTC313714A*		35,800	14.0	12.0	33,200	26,600	8.2	34,000	20,000	1,100	4432053	
	AWUF37XX16B*		34,000	13.0	11.0	31,400	25,200	8.0	34,000	21,000	1,150	3859238	
	CA*F3636*6D*	G*E80805C*B*	33,800	13.5	11.3	31,200	25,000	8.2	32,400	20,000	1,060	5038672	
	CA*F3636*6D*	G*E81005C*B*	35,200	13.5	11.3	32,600	26,000	8.2	32,000	20,000	1,230	5038663	
	CA*F3636*6D*	G*VC91155DXA*	35,000	14.0	11.5	32,400	26,000	8.2	32,800	20,200	1,050	4392872	
	CA*F3636*6D*	G*VC950905CXA*	35,200	13.5	11.2	32,600	26,000	8.0	33,000	21,000	1,050	4392873	
	CA*F3636*6D*	G*VC950905DXA*	35,200	13.5	11.3	32,600	26,000	8.0	33,000	21,000	1,050	4392874	
	CA*F3636*6D*	G*VC951155DXA*	35,000	13.5	11.3	32,400	26,000	8.0	32,800	20,200	1,050	4392875	
	CA*F3636*6D*	G*VM960805CXA*	35,200	13.5	11.2	32,600	26,000	8.0	33,000	21,000	1,050	4653690	
	CA*F3636*6D*	G*VM961005DXA*	35,000	13.5	11.3	32,400	26,000	8.0	32,800	20,200	1,050	4653513	
	CA*F3636*6D*	G*VM961155DXA*	35,000	13.5	11.3	32,400	26,000	8.0	32,800	20,200	1,050	4653335	
	CA*F3636*6D*+EEP		34,600	13.0	11.0	32,000	25,600	7.8	33,400	21,000	1,050	4392876	
CA*F3642*6D*	A*VC950915DXA*	35,200	13.5	11.3	32,600	26,000	8.0	32,200	20,200	1,050	4594669		
CA*F3642*6D*	G*E80805C*B*	33,800	13.5	11.3	31,200	25,000	8.2	32,000	20,000	1,060	5038653		
CA*F3642*6D*	G*E81005C*B*	35,200	13.5	11.3	32,600	26,000	8.2	32,000	20,000	1,230	5038690		
CA*F3642*6D*	G*VC91155DXA*	35,200	14.0	11.5	32,600	26,000	8.2	32,600	20,200	1,050	3880669		
CA*F3642*6D*	G*VC950905CXA*	35,200	13.5	11.2	32,600	26,000	8.0	32,200	20,200	1,050	4184999		
CA*F3642*6D*	G*VC950905DXA*	35,200	13.5	11.3	32,600	26,000	8.0	32,200	20,200	1,050	3880672		
CA*F3642*6D*	G*VC950915DXA*	35,200	13.5	11.3	32,600	26,000	8.0	32,200	20,200	1,050	4184937		
CA*F3642*6D*	G*VC951155DXA*	35,200	13.5	11.3	32,600	26,000	8.0	32,600	20,200	1,050	3880670		
CA*F3642*6D*	G*VM960805CXA*	35,200	13.5	11.2	32,600	26,000	8.0	32,200	20,200	1,050	4653693		
CA*F3642*6D*	G*VM960805DXA*	35,200	13.5	11.3	32,600	26,000	8.0	32,200	20,200	1,050	4654005		
CA*F3642*6D*	G*VM961005DXA*	35,200	13.5	11.3	32,600	26,000	8.0	32,600	20,200	1,050	4653514		
CA*F3642*6D*	G*VM961155DXA*	35,200	13.5	11.3	32,600	26,000	8.0	32,600	20,200	1,050	4653337		
CA*F3642*6D*+EEP		34,600	13.0	11.0	32,000	25,600	8.0	33,200	21,000	1,050	3880684		
CA*F3642*6D*+MBVC1600**+1A*		35,200	14.0	11.5	32,600	26,000	8.2	32,000	20,000	1,200	3880696		
CHPF3636B6C*	G*E80805C*B*	33,800	13.5	11.3	31,200	25,000	8.2	32,000	20,000	1,060	5038723		

See Notes on Page 25.

AHRI RATINGS (CONT.)

OUTDOOR UNIT	INDOOR UNITS		COOLING CAPACITY			TVA RATINGS <sup>3</sup>			HEATING CAPACITY			CFM	AHRI #
	COILS/AIR HANDLERS	FURNACES	TOTAL	SENS.	SEER <sup>1</sup>	EER <sup>2</sup>	TOTAL	SENS.	HIGH	HSPF <sup>4</sup>	LOW		
VSZ13 0361B* (cont.)	CHPF3636B6C*	G*E81005C*B*	35,000	26,600	13.5	11.3	32,400	26,000	33,200	8.2	20,000	1,230	5038704
	CHPF3636B6C*+EEP		34,400	26,200	13.0	11.0	31,800	25,400	33,800	8.0	20,000	1,050	3859250
	CHPF3642C6C*	G*E80805C*B*	33,800	25,600	13.5	11.3	31,200	25,000	32,600	8.2	20,000	1,060	5038691
	CHPF3642C6C*	G*E81005C*B*	35,000	26,600	13.5	11.3	32,400	26,000	32,800	8.2	20,000	1,230	5038705
	CHPF3642C6C*+EEP		34,400	26,200	13.0	11.0	31,800	25,400	33,800	8.0	20,000	1,050	3859252
	CHPF3642C6C*+MBVC1600**1A*		34,800	26,400	14.0	11.5	32,200	25,800	32,600	8.2	20,000	1,200	3859254
	CHPF3642D6C*	G*E81005C*B*	35,200	26,800	13.5	11.3	32,600	26,000	32,000	8.2	20,000	1,230	5038692
	CHPF3642D6C*	G*VC91155DXA*	35,000	26,600	14.0	11.5	32,400	26,000	32,800	8.2	20,200	1,050	3859258
	CHPF3642D6C*	G*VC950905CXA*	35,000	26,600	13.5	11.2	32,400	26,000	32,600	8.0	20,000	1,050	4185000
	CHPF3642D6C*	G*VC950905DXA*	35,000	26,600	13.5	11.3	32,400	26,000	32,600	8.0	20,000	1,050	3859257
	CHPF3642D6C*	G*VC951155DXA*	35,000	26,600	13.5	11.3	32,400	26,000	32,800	8.0	20,200	1,050	3859255
	CHPF3642D6C*	G*VM960805CXA*	35,000	26,600	13.5	11.2	32,400	26,000	32,600	8.0	20,000	1,050	4653754
	CHPF3642D6C*	G*VM960805DXA*	35,000	26,600	13.5	11.3	32,400	26,000	32,600	8.0	20,000	1,050	4654076
	CHPF3642D6C*	G*VM961005DXA*	35,000	26,600	13.5	11.3	32,400	26,000	32,800	8.0	20,200	1,050	4653602
	CHPF3642D6C*	G*VM961155DXA*	35,000	26,600	13.5	11.3	32,400	26,000	32,800	8.0	20,200	1,050	4653424
	CHPF3642D6C*+EEP		34,400	26,200	13.0	11.0	31,800	25,400	33,800	8.0	20,000	1,050	3859261
CHPF3642D6C*+MBVC2000**1A*		35,200	26,800	14.0	12.0	32,600	26,000	32,000	8.5	20,000	1,150	3859296	
VSZ13 0421A*	ARPT42D14A*		39,500	28,000	13.0	11.0	36,600	28,800	39,000	8.0	23,600	1,300	5438692
	ARUF42C14A*		40,500	28,800	13.0	11.0	37,600	29,600	41,000	8.0	23,800	1,280	5358282
	ARUF48D14A*		41,000	29,000	13.0	11.0	38,000	30,000	41,000	8.0	24,200	1,300	5438693
	ASPF426016E*		41,000	29,000	14.0	11.3	38,000	30,000	40,500	8.2	24,000	1,400	4358368
	AVPTC426014A*		41,000	29,000	14.0	11.3	38,000	30,000	40,500	8.2	24,000	1,250	4431313
	CA*F3642*6D*+EEP		40,000	28,400	13.0	11.0	37,000	29,200	40,000	8.0	24,000	1,350	3880681
	CA*F3743*6D*+EEP		40,000	28,400	13.0	11.0	37,000	29,200	40,000	8.0	24,000	1,350	4415235
	CA*F4860*6D*	G*E80805C*B*	41,000	29,000	13.5	11.3	38,000	30,000	40,500	8.2	24,000	1,350	5038706
	CA*F4860*6D*	G*E81005C*B*	41,000	29,000	13.5	11.2	38,000	30,000	40,500	8.2	24,000	1,420	5038661
	CA*F4860*6D*	G*VC91155DXA*	41,000	29,000	13.5	11.3	38,000	30,000	40,500	8.0	24,000	1,350	3880735
	CA*F4860*6D*	G*VC951155DXA*	41,000	29,000	13.5	11.3	38,000	30,000	40,500	8.0	24,000	1,350	3880736
	CA*F4860*6D*	G*VM961005DXA*	41,000	29,000	13.5	11.3	38,000	30,000	40,500	8.0	24,000	1,350	4653522
	CA*F4860*6D*	G*VM961155DXA*	41,000	29,000	13.5	11.3	38,000	30,000	40,500	8.0	24,000	1,350	4653345
	CHPF3642C6C*+EEP		40,500	28,800	13.0	11.0	37,600	29,600	40,000	8.0	24,000	1,350	3639833
	CHPF3642D6C*+EEP		40,500	28,800	13.0	11.0	37,600	29,600	40,000	8.0	24,000	1,350	3639845
	CHPF4860D6D*	G*E80805C*B*	41,000	29,000	13.5	11.3	38,000	30,000	40,500	8.2	24,000	1,350	5038619
CHPF4860D6D*	G*E81005C*B*	41,000	29,000	13.5	11.3	38,000	30,000	40,500	8.2	24,000	1,420	5038673	
CHPF4860D6D*	G*VC91155DXA*	41,000	29,000	13.5	11.3	38,000	30,000	40,500	8.0	24,000	1,350	3639853	

See Notes on Page 25.

AHRI RATINGS (CONT.)

OUTDOOR UNIT	INDOOR UNITS		COOLING CAPACITY		TVA RATINGS <sup>3</sup>		HEATING CAPACITY		CFM	AHRI #		
	COILS/AIR HANDLERS	FURNACES	TOTAL	SEER <sup>1</sup>	EER <sup>2</sup>	TOTAL	SENS.	HIGH			HSPF <sup>4</sup>	LOW
VSZ13 0421A* (cont.)	CHPF4860D6D*	G*VC950905CXA*	41,000	13.5	11.2	38,000	30,000	40,500	8.0	24,000	1,350	4185001
	CHPF4860D6D*	G*VC950905DXA*	41,000	13.5	11.3	38,000	30,000	40,500	8.0	24,000	1,350	3639854
	CHPF4860D6D*	G*VC951155DXA*	41,000	13.5	11.3	38,000	30,000	40,500	8.0	24,000	1,350	3639855
	CHPF4860D6D*	G*VM960805CXA*	41,000	13.5	11.2	38,000	30,000	40,500	8.0	24,000	1,350	4653758
	CHPF4860D6D*	G*VM960805DXA*	41,000	13.5	11.3	38,000	30,000	40,500	8.0	24,000	1,350	4654082
	CHPF4860D6D*	G*VM961005DXA*	41,000	13.5	11.3	38,000	30,000	40,500	8.0	24,000	1,350	4653610
	CHPF4860D6D*	G*VM961155DXA*	41,000	13.5	11.3	38,000	30,000	40,500	8.0	24,000	1,350	4653446
	CHPF4860D6D*+MBVC1600**1A*		41,000	14.0	11.3	38,000	30,000	40,500	8.2	24,000	1,350	3639861
	CSCF3642N6D*+EEP		40,000	13.0	11.0	37,000	29,200	40,000	8.0	24,000	1,275	4767674
	CSCF4860N6D*	G*VC950905CXA*	41,000	13.5	11.2	38,000	30,000	40,500	8.0	24,000	1,450	4767677
	CSCF4860N6D*	G*VC950905DXA*	41,000	13.5	11.3	38,000	30,000	40,500	8.0	24,000	1,450	4767678
	CSCF4860N6D*	G*VC951155DXA*	41,000	13.5	11.3	38,000	30,000	40,500	8.0	24,000	1,425	4767679
	AR*F486016C*		46,000	13.0	11.0	42,500	34,600	44,000	8.2	27,000	1,600	3896085
	AR*F496116C*		46,000	13.0	11.0	42,500	34,600	44,000	8.2	27,000	1,600	4358370
ARPT48D14A*		46,000	13.0	11.0	42,500	34,600	45,000	8.2	27,200	1,500	5429744	
ARPT60D14A*		46,000	13.5	11.5	42,500	34,600	44,500	8.2	27,000	1,495	5429745	
ARUF48D14A*		46,000	13.0	11.0	42,500	34,600	45,000	8.0	27,000	1,450	5358283	
ARUF60D14A*		45,000	13.0	11.0	41,500	33,800	44,000	8.0	27,600	1,515	5429742	
ASPF426016E*+TXV		46,000	14.0	11.3	42,500	34,600	44,000	8.2	27,000	1,560	4358372	
AVPTC426014A*		46,000	14.0	11.3	42,500	34,600	44,000	8.2	27,000	1,600	4431316	
CA*F4860*6D*+EEP		46,000	13.0	11.0	42,500	34,600	44,000	8.2	27,000	1,600	3880739	
CA*F4860*6D*+MBVC2000**1A*+TXV		46,000	14.0	11.3	42,500	34,600	44,000	8.2	27,000	1,600	3880760	
CA*F4860*6D*+TXV	A*VC950915DXA*	45,500	13.5	11.3	42,000	34,200	44,000	8.2	27,000	1,600	4594687	
CA*F4860*6D*+TXV	G*E80805C*B*	45,500	13.5	11.3	42,000	34,200	44,000	8.2	27,000	1,650	5038674	
CA*F4860*6D*+TXV	G*E81005C*B*	45,000	13.5	11.3	41,500	33,800	44,000	8.2	27,000	1,570	5038707	
CA*F4860*6D*+TXV	G*VC950905CXA*	46,000	13.5	11.3	42,500	34,600	44,000	8.2	27,000	1,600	4185004	
CA*F4860*6D*+TXV	G*VC950905DXA*	46,000	13.5	11.3	42,500	34,600	44,000	8.2	27,000	1,600	3880805	
CA*F4860*6D*+TXV	G*VC950915DXA*	45,500	13.5	11.3	42,000	34,200	44,000	8.2	27,000	1,600	4184942	
CA*F4860*6D*+TXV	G*VC951155DXA*	46,000	13.5	11.3	42,500	34,600	44,000	8.2	27,000	1,600	3880806	
CA*F4860*6D*+TXV	G*VM960805CXA*	46,000	13.5	11.3	42,500	34,600	44,000	8.2	27,000	1,600	4653697	
CA*F4860*6D*+TXV	G*VM960805DXA*	45,500	13.5	11.3	42,000	34,200	44,000	8.2	27,000	1,600	4654014	
CA*F4860*6D*+TXV	G*VM961005DXA*	46,000	13.5	11.3	42,500	34,600	44,000	8.2	27,000	1,600	4653524	
CA*F4860*6D*+TXV	G*VM961155DXA*	46,000	13.5	11.3	42,500	34,600	44,000	8.2	27,000	1,600	4653348	
CHPF4860D6D*+EEP		46,000	13.0	11.3	42,500	34,600	44,000	8.2	27,000	1,600	3639856	
CHPF4860D6D*+MBVC2000**1A*+TXV		46,000	14.0	11.3	42,500	34,600	44,000	8.2	27,000	1,600	3639862	
CHPF4860D6D*+TXV	G*E80805C*B*	45,500	13.5	11.3	42,000	34,200	44,000	8.2	27,000	1,650	5038708	
CHPF4860D6D*+TXV	G*E81005C*B*	45,000	13.5	11.3	41,500	33,800	44,000	8.2	27,000	1,570	5038620	

See Notes on Page 25.

AHRI RATINGS (CONT.)

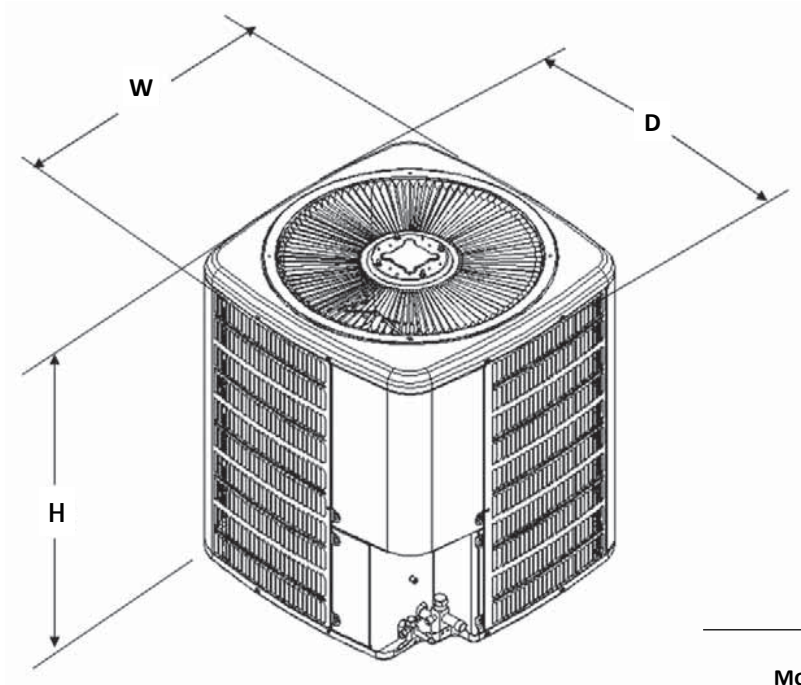
OUTDOOR UNIT	INDOOR UNITS		COOLING CAPACITY			TVA RATINGS <sup>3</sup>		HEATING CAPACITY		CFM	AHRI #
	COILS/AIR HANDLERS	FURNACES	TOTAL	SEER <sup>1</sup>	EER <sup>2</sup>	TOTAL	SENS.	HIGH	LOW		
VS13 0481A* (cont.)	CHPF4860D6D*+TXV	G*VC91155DXA*	46,000	14.0	11.3	42,500	34,600	44,000	27,000	1,600	3639871
	CHPF4860D6D*+TXV	G*VC950905CXA*	46,000	13.5	11.3	42,500	34,600	44,000	27,000	1,600	4185005
	CHPF4860D6D*+TXV	G*VC950905DXA*	46,000	13.5	11.3	42,500	34,600	44,000	27,000	1,600	3639872
	CHPF4860D6D*+TXV	G*VC951155DXA*	46,000	13.5	11.3	42,500	34,600	44,000	27,000	1,600	3639873
	CHPF4860D6D*+TXV	G*VM960805CXA*	46,000	13.5	11.3	42,500	34,600	44,000	27,000	1,600	4653772
	CHPF4860D6D*+TXV	G*VM960805DXA*	45,500	13.5	11.3	42,000	34,200	44,000	27,000	1,600	4654099
	CHPF4860D6D*+TXV	G*VM961005DXA*	46,000	13.5	11.3	42,500	34,600	44,000	27,000	1,600	4653629
	CHPF4860D6D*+TXV	G*VM961155DXA*	46,000	13.5	11.3	42,500	34,600	44,000	27,000	1,600	4653472
	CSCF4860N6D*+EEP		46,000	13.0	11.3	42,500	34,600	44,000	27,000	1,600	4767680
	CSCF4860N6D*+TXV	G*VC950905CXA*	46,000	14.0	11.3	42,500	34,600	44,000	27,000	1,575	4767683
	CSCF4860N6D*+TXV	G*VC950905DXA*	46,000	14.0	11.3	42,500	34,600	44,000	27,000	1,575	4767684
	AR*F486016C*		57,000	13.0	11.1	52,500	42,000	58,000	36,000	1,800	3896086
	AR*F496116C*		57,000	13.0	11.1	52,500	42,000	58,000	36,000	1,800	4358374
	ARPT60D14A*		56,000	13.0	11.0	52,000	41,500	59,000	37,400	1,850	5429749
	ARUF60D14A*		56,500	13.0	11.1	52,500	42,000	59,000	37,000	1,740	5358284
ARUF60D14A*+TXV		55,500	13.0	11.0	51,500	41,000	59,000	37,800	1,800	5439803	
ASPF426016E*+TXV		57,000	13.5	11.2	52,500	42,000	58,000	36,000	1,800	4358376	
ASUF59D14A*		57,000	13.5	11.5	52,500	42,000	59,500	35,000	1,580	5600188	
AVPTC426014A*		57,000	13.5	11.2	52,500	42,000	58,000	36,000	1,800	4431324	
CA*F4860*6D*+EEP		57,000	13.0	11.1	52,500	42,000	58,000	36,000	1,800	3880740	
CA*F4860*6D*+MBVC2000**		57,000	13.5	11.3	52,500	42,000	58,000	36,000	1,800	3880761	
1A*+TXV		57,000	13.5	11.3	52,500	42,000	58,000	36,000	1,800	3880761	
CA*F4860*6D*+TXV	G*E80805C*B*	56,500	13.5	11.2	52,500	42,000	58,000	36,000	1,650	5038675	
CA*F4860*6D*+TXV	G*E81005C*B*	57,000	13.5	11.2	52,500	42,000	58,000	36,000	1,900	5038621	
CA*F4961*6D*+EEP		57,500	13.0	11.0	53,000	42,500	58,000	36,000	1,800	4431868	
CHPF4860D6D*+EEP		57,000	13.0	11.1	52,500	42,000	58,000	36,000	1,800	3639857	
CHPF4860D6D*+MBVC2000**		57,000	13.5	11.3	52,500	42,000	58,000	36,000	1,800	3639863	
1A*+TXV		57,000	13.5	11.3	52,500	42,000	58,000	36,000	1,800	3639863	
CHPF4860D6D*+TXV	G*E80805C*B*	56,500	13.5	11.2	52,500	42,000	58,000	36,000	1,600	5038693	
CHPF4860D6D*+TXV	G*E81005C*B*	57,000	13.5	11.2	52,500	42,000	58,000	36,000	1,810	5038664	
CSCF4860N6D*+EEP		57,000	13.0	11.0	52,500	42,000	58,000	36,000	1,800	4767685	
CSCF4860N6D*+TXV	G*VC950905CXA*	57,000	13.3	11.0	52,500	42,000	58,000	36,000	1,675	4767688	
CSCF4860N6D*+TXV	G*VC950905DXA*	57,000	13.3	11.0	52,500	42,000	58,000	36,000	1,675	4767689	

<sup>1</sup> Seasonal Energy Efficiency Ratio; Certified per AHRI 210/240 @ 80°F/67°F/95°F  
<sup>2</sup> Energy Efficiency Ratio @ 80°F/67°F/95°F  
<sup>3</sup> TVA Rating: BTU/h @ 75°F/63°F - 95°F  
<sup>4</sup> HSPF = Heating Seasonal Performance Factor

NOTES

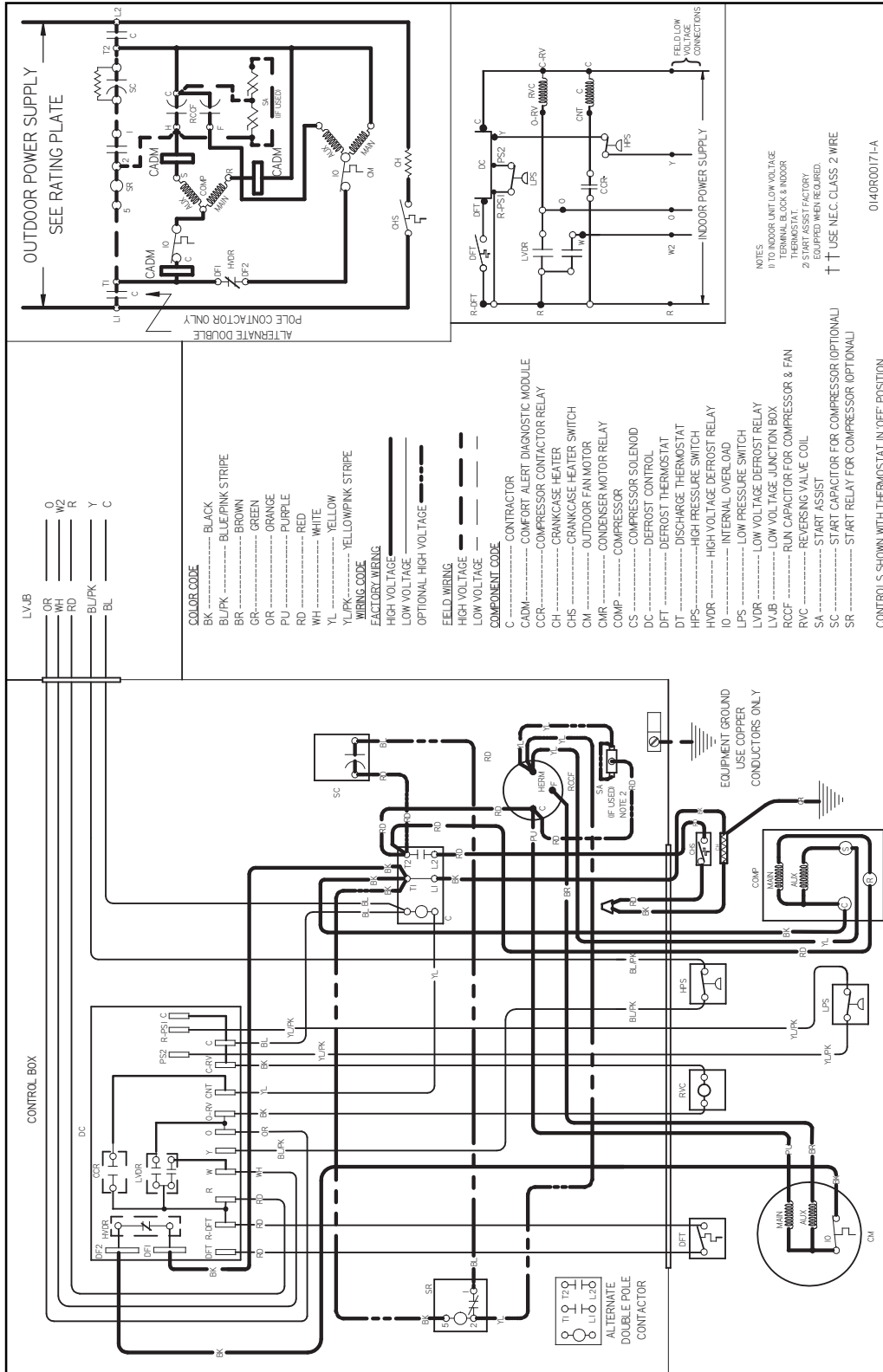
- Always check the S&R plate for electrical data on the unit being installed.
- When matching the outdoor unit to the indoor unit, use the piston supplied with the outdoor unit or that specified on the piston kit chart supplied with the indoor unit.
- EEP - Order from Service Dept. Part No. B13707-38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

## DIMENSIONS



MODEL	DIMENSIONS		
	W"	D"	H"
VSZ130181A*	26	26	32¼
VSZ130241C*	26	26	32¼
VSZ130301A*	26	26	32¼
VSZ130361B*	29	29	32¼
VSZ130421A*	29	29	38¼
VSZ130481A*	29	29	34¼
VSZ130601A*	35½	35½	34¼

# WIRING DIAGRAM



**⚠ 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 on the unit for the most up-to-date wiring.

ACCESSORIES

MODEL #	DESCRIPTION	VSZ13 018	VSZ13 024	VSZ13 030	VSZ13 036	VSZ13 042	VSZ13 048	VSZ13 060
0130R00000S	Low-pressure Switch Kit	X	X	X	X	X	X	X
ABK-20	Anchor Bracket Kit *	X	X	X	X	X	X	X
ASC-01	Anti-Short Cycle Kit	X	X	X	X	X	X	X
AFE18-60A	All-fuel Kit	X	X	X	X	X	X	X
CSR-U-1	Hard-start Kit	X	X	X	X			
CSR-U-2	Hard-start Kit					X	X	X
CSR-U-3	Hard-start Kit						X	X
FSK01A <sup>1</sup>	Freeze Protection Kit	X	X	X	X	X	X	X
LAKT01	Low-Ambient Kit	X	X	X	X	X	X	X
OT18-60A <sup>2</sup>	Outdoor Thermostat	X	X	X	X	X	X	X
OT/EHR18-60	Emergency Heat Relay kit	X	X	X	X	X	X	X
TX2N4 <sup>2</sup>	TXV Kit	X						
TX2N4A <sup>2</sup>	TXV Kit	X	X					
TX3N4 <sup>2</sup>	TXV Kit			X	X			
TX5N4 <sup>2</sup>	TXV Kit					X	X	X

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

<sup>1</sup> Installed on indoor coil

<sup>2</sup> Required for heat pump applications where ambient temperatures fall below 0°F with 50% or higher relative humidity.

<sup>3</sup> 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.