



Air Conditioning & Heating

COOLING CAPACITY: 35,000 - 57,000 BTU/H

HEATING CAPACITY: 35,000 - 57,000 BTU/H



# DSZC18

SPLIT SYSTEM HEAT PUMP

UP TO 18 SEER & 9.5 HSPF

### Contents

Nomenclature..... 2

Product Specifications..... 3

Expanded Cooling Data ..... 4

Expanded Heating Data..... 16

AHRI Ratings ..... 18

Dimensions ..... 22

Wiring Diagram..... 23

Accessories ..... 24

### Standard Features

- Two-Stage Copeland® UltraTech™ scroll compressor
- High-density foam compressor sound blanket
- ComfortNet™ Communications System compatible
- Expanded ComfortAlert diagnostics built in
- Set-up capable with two low-voltage wires to outdoor unit
- Diagnostic indicator lights and storage of six fault codes
- Color-coded terminal strip for non-communicating set-up
- SmartShift® technology with short-cycle protection 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
- Factory-installed coil and ambient temperature sensors
- High- and low-pressure switches
- Quiet ECM-style condenser fan motor
- AHRI Certified; ETL Listed

### Cabinet Features

- Goodman® brand sound control top design
- Heavy-gauge galvanized-steel cabinet
- Appliance-quality powder-paint finish with 500-hour salt-spray approval
- Wire fan discharge grille
- Steel louver coil guard
- Baked-on powder paint finish
- Top and side maintenance access
- When properly anchored, meets the 2010 Florida Building Code unit integrity requirements for hurricane-type winds (Anchor bracket kits available.)



\* Complete warranty details available from your local dealer or at [www.goodmanmfg.com](http://www.goodmanmfg.com). To receive the Lifetime Compressor Limited Warranty (good for as long as you own your home), 10-Year Compressor Replacement Limited Warranty and 10-Year Parts Limited Warranty, online registration must be completed within 60 days of installation. Online registration is not required in California or Québec.

	D	S	Z	C	18	036	1	A	A	
	1	2	3	4	5,6	7,8,9	10	11	12	
<b>Brand</b>	D Goodman® Brand High Feature Set									<b>Engineering *</b> Minor Revision
<b>Product Category</b>	S Split System									<b>Engineering *</b> Major Revision
<b>Unit Type</b>	X Condenser R-410A Z Heat Pump R-410A									<b>Electrical</b>
<b>Communication Feature</b>	C ComfortNet 4-wire communications ready									
<b>Efficiency</b>	13 13 SEER    16 16 SEER 14 14 SEER    18 18 SEER									<b>Nominal Capacity</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		
								024 2 Tons    048 4 Tons 036 3 Tons    060 5 Tons		

\* Neither used for order entry or inventory management.

	DSZC18 0361A	DSZC18 0481A	DSZC18 0601B
<b>COOLING CAPACITY</b>			
Nominal Cooling (BTU/h)	35,000	47,000	57,000
Nominal Heating (BTU/h)	35,000	47,000	57,000
Decibels	72	73	75
<b>COMPRESSOR</b>			
RLA	15.3	21.2	28.8
LRA	83	104	152.9
<b>CONDENSER FAN MOTOR</b>			
Horsepower (RPM)	1/3	1/3	1/3
FLA	2.8	2.8	2.8
<b>REFRIGERATION SYSTEM</b>			
Refrigerant Line Size <sup>1</sup>			
Liquid Line Size ("O.D.)	3/8"	3/8"	3/8"
Suction Line Size ("O.D.)	7/8"	1 1/8"	1 1/8"
Refrigerant Connection Size			
Liquid Valve Size ("O.D.)	3/8"	3/8"	3/8"
Suction Valve Size ("O.D.)	7/8"	1 1/8"	1 1/8"
Valve Connection Type	Sweat	Sweat	Sweat
Refrigerant Charge	188	278	278
Expansion Device	TXV	TXV	TXV
Superheat at Service Valve	7-9°F	7-9°F	7-9°F
Subcooling at Service Valve			
High Stage	8-10°F	8-10°F	8-10°F
Low Stage	5-7°F	5-7°F	5-7°F
<b>ELECTRICAL DATA</b>			
Voltage-Phase-Hz	208/230-1-60	208/230-1-60	208/230-1-60
Minimum Circuit Ampacity <sup>2</sup>	21.9	29.3	38.8
Max. Overcurrent Protection <sup>3</sup>	35	50	60
Min / Max Volts	197 / 253	197 / 253	197 / 253
Electrical Conduit Size	1/2" or 3/4"	1/2" or 3/4"	1/2" or 3/4"
<b>EQUIPMENT WEIGHT (LBS)</b>	246	308	314
<b>SHIP WEIGHT (LBS)</b>	268	330	336

<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 rating 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.
- Installation of these units requires the specified TXV Kit to be installed on the indoor coil. THE SPECIFIED TXV IS DETERMINED BY THE OUTDOOR UNIT, NOT THE INDOOR COIL.

Table with columns: IDB, AIRFLOW, 65°F (59, 63, 67, 71), 75°F (59, 63, 67, 71), 85°F (59, 63, 67, 71), 95°F (59, 63, 67, 71), 105°F (59, 63, 67, 71), 115°F (59, 63, 67, 71). Rows include data for models 956, 850, and 744 across metrics: MBh, S/T, ΔT, kW, Amps, Hi PR, Lo PR.

Table with columns: IDB, AIRFLOW, 65°F (59, 63, 67, 71), 75°F (59, 63, 67, 71), 85°F (59, 63, 67, 71), 95°F (59, 63, 67, 71), 105°F (59, 63, 67, 71), 115°F (59, 63, 67, 71). Rows include data for models 956, 850, and 744 across metrics: MBh, S/T, ΔT, kW, Amps, Hi PR, Lo PR.

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



IDB		OUTDOOR AMBIENT TEMPERATURE												ENTERING INDOOR WET BULB TEMPERATURE												
		65°F				75°F				85°F				95°F				105°F				115°F				
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	
70	AIRFLOW	MBh	34.5	35.8	39.2	-	33.7	34.9	38.3	-	32.9	34.1	37.4	-	32.1	33.3	36.5	-	30.5	31.6	34.6	-	28.3	29.3	32.1	-
		S/T	0.76	0.63	0.44	-	0.79	0.66	0.45	-	0.81	0.67	0.47	-	0.83	0.70	0.48	-	0.86	0.72	0.50	-	0.87	0.73	0.50	-
	1406	ΔT	17	15	11	-	17	15	11	-	17	15	11	-	17	15	11	-	17	15	11	-	16	14	11	-
		kW	2.10	2.14	2.21	-	2.26	2.31	2.39	-	2.41	2.47	2.55	-	2.54	2.60	2.69	-	2.65	2.71	2.81	-	2.75	2.81	2.91	-
	Amps	Hi PR	7.8	8.0	8.2	-	8.4	8.6	8.9	-	9.2	9.4	9.7	-	9.8	10.1	10.4	-	10.5	10.7	11.1	-	11.1	11.4	11.8	-
		Lo PR	107	114	124	-	113	120	131	-	117	125	136	-	123	131	143	-	129	137	150	-	134	142	155	-
	1250	MBh	33.5	34.7	38.1	-	32.7	33.9	37.2	-	32.0	33.1	36.3	-	31.2	32.3	35.4	-	29.6	30.7	33.6	-	27.4	28.4	31.2	-
		S/T	0.72	0.60	0.42	-	0.75	0.63	0.43	-	0.77	0.64	0.44	-	0.79	0.66	0.46	-	0.82	0.69	0.48	-	0.83	0.69	0.48	-
	1094	ΔT	18	15	12	-	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	17	15	11	-
		kW	2.08	2.13	2.19	-	2.25	2.30	2.37	-	2.39	2.45	2.53	-	2.52	2.58	2.67	-	2.63	2.69	2.78	-	2.73	2.79	2.88	-
Amps	Hi PR	7.7	7.9	8.1	-	8.3	8.5	8.8	-	9.1	9.3	9.6	-	9.7	10.0	10.3	-	10.4	10.6	11.0	-	11.0	11.3	11.7	-	
	Lo PR	106	113	123	-	112	119	130	-	116	124	135	-	122	130	142	-	128	136	149	-	132	141	154	-	
Amps	Hi PR	30.9	32.1	35.1	-	30.2	31.3	34.3	-	29.5	30.6	33.5	-	28.8	29.8	32.7	-	27.3	28.3	31.0	-	25.3	26.2	28.8	-	
	Lo PR	103	109	119	-	108	115	126	-	113	120	131	-	118	126	138	-	124	132	144	-	128	137	149	-	

IDB		OUTDOOR AMBIENT TEMPERATURE												ENTERING INDOOR WET BULB TEMPERATURE												
		65°F				75°F				85°F				95°F				105°F				115°F				
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	
75	AIRFLOW	MBh	35.1	36.1	39.1	42.0	34.3	35.3	38.2	41.0	33.5	34.5	37.3	40.0	32.7	33.6	36.4	39.1	31.0	31.9	34.6	37.1	28.7	29.6	32.0	34.4
		S/T	0.86	0.77	0.58	0.38	0.89	0.80	0.60	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
	1406	ΔT	20	18	15	10	20	18	15	10	20	18	15	10	20	19	16	11	20	18	15	10	19	17	14	10
		kW	2.11	2.16	2.23	2.31	2.28	2.33	2.41	2.49	2.43	2.49	2.57	2.66	2.56	2.62	2.71	2.81	2.68	2.74	2.83	2.93	2.77	2.84	2.94	3.04
	Amps	Hi PR	7.8	8.0	8.3	8.6	8.5	8.7	9.0	9.3	9.2	9.5	9.8	10.2	9.9	10.2	10.5	10.9	10.6	10.8	11.2	11.6	11.2	11.5	11.9	12.3
		Lo PR	221	238	251	262	248	267	282	294	282	303	320	334	321	346	365	381	361	389	411	428	399	430	454	473
	1250	MBh	34.1	35.1	38.0	40.8	33.3	34.3	37.1	39.8	32.5	33.5	36.2	38.9	31.7	32.6	35.3	37.9	30.1	31.0	33.6	36.0	27.9	28.7	31.1	33.4
		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
	1094	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	2.10	2.14	2.21	2.29	2.26	2.32	2.39	2.47	2.41	2.47	2.55	2.64	2.54	2.60	2.69	2.78	2.65	2.72	2.81	2.91	2.75	2.81	2.91	3.01
Amps	Hi PR	7.8	8.0	8.2	8.5	8.4	8.6	8.9	9.3	9.2	9.4	9.7	10.1	9.8	10.1	10.4	10.8	10.5	10.7	11.1	11.5	11.1	11.4	11.8	12.2	
	Lo PR	219	235	249	259	245	264	279	291	279	300	317	331	318	342	361	377	358	385	406	424	395	425	449	468	
Amps	Hi PR	107	114	124	132	113	120	131	140	117	125	136	145	123	131	143	153	129	138	150	160	134	142	155	165	
	Lo PR	31.5	32.4	35.1	37.6	30.7	31.6	34.2	36.8	30.0	30.9	33.4	35.9	29.3	30.1	32.6	35.0	27.8	28.6	31.0	33.3	25.8	26.5	28.7	30.8	
Amps	Hi PR	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	
	Lo PR	2.04	2.09	2.16	2.23	2.21	2.26	2.33	2.41	2.35	2.40	2.48	2.57	2.48	2.53	2.62	2.71	2.59	2.64	2.73	2.83	2.68	2.74	2.83	2.93	
Amps	Hi PR	7.5	7.7	8.0	8.3	8.2	8.4	8.7	9.0	8.9	9.1	9.4	9.8	9.5	9.8	10.1	10.5	10.2	10.4	10.8	11.2	10.8	11.1	11.4	11.9	
	Lo PR	212	228	241	251	238	256	271	282	271	291	308	321	308	332	350	366	347	373	394	411	383	413	436	454	
Amps	Hi PR	104	110	120	128	110	117	127	136	114	121	132	141	120	127	139	148	125	133	146	155	130	138	151	160	
	Lo PR	104	110	120	128	110	117	127	136	114	121	132	141	120	127	139	148	125	133	146	155	130	138	151	160	

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

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
<b>1406</b>	MBh	35.7	36.5	39.0	41.7	34.9	35.7	38.1	40.7	34.1	34.8	37.2	39.8	33.2	34.0	36.3	38.8	31.6	32.3	34.5	36.8	29.2	29.9	31.9	34.1
	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	22	21	18	15	23	21	19	15	22	21	19	15	22	22	19	15	21	21	19	15	19	20	17	14
	kW	2.13	2.18	2.25	2.33	2.30	2.35	2.43	2.52	2.45	2.51	2.59	2.68	2.59	2.65	2.74	2.83	2.70	2.76	2.86	2.96	2.80	2.86	2.96	3.07
	Amps	7.9	8.1	8.4	8.7	8.6	8.8	9.1	9.4	9.3	9.6	9.9	10.3	10.0	10.2	10.6	11.0	10.7	10.9	11.3	11.7	11.3	11.6	12.0	12.5
<b>80</b>	Hi PR	223	240	254	265	250	269	285	297	285	306	324	338	324	349	369	384	365	393	415	433	403	434	458	478
	Lo PR	109	116	127	135	115	123	134	143	120	127	139	148	126	134	146	156	132	140	153	163	136	145	158	169
	MBh	34.7	35.4	37.9	40.5	33.9	34.6	37.0	39.5	33.1	33.8	36.1	38.6	32.3	33.0	35.2	37.7	30.7	31.3	33.5	35.8	28.4	29.0	31.0	33.1
	S/T	0.90	0.85	0.69	0.51	0.93	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	22	19	15	23	22	19	16	23	22	19	16	23	23	20	16	23	22	19	15	21	21	18	14
<b>1094</b>	kW	2.06	2.11	2.18	2.25	2.23	2.28	2.35	2.43	2.37	2.42	2.51	2.59	2.50	2.56	2.64	2.73	2.61	2.67	2.76	2.85	2.70	2.76	2.86	2.96
	Amps	7.6	7.8	8.1	8.4	8.3	8.5	8.7	9.1	9.0	9.2	9.5	9.9	9.6	9.9	10.2	10.6	10.3	10.5	10.9	11.3	10.9	11.2	11.5	12.0
	Hi PR	214	231	244	254	240	259	273	285	274	294	311	324	312	335	354	369	350	377	398	415	387	417	440	459
	Lo PR	105	111	122	130	111	118	129	137	115	122	134	142	121	129	140	149	127	135	147	157	131	139	152	162
	MBh	32.0	32.7	35.0	37.4	31.3	32.0	34.1	36.5	30.5	31.2	33.3	35.6	29.8	30.4	32.5	34.8	28.3	28.9	30.9	33.0	26.2	26.8	28.6	30.6

<b>1406</b>	MBh	36.4	37.1	38.8	41.4	35.5	36.2	37.9	40.4	34.7	35.3	37.0	39.5	33.8	34.5	36.1	38.5	32.1	32.7	34.3	36.6	29.8	30.3	31.8	33.9
	S/T	0.99	0.96	0.86	0.70	1.00	0.99	0.89	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	23	22	19	23	23	22	19	23	23	22	19	22	23	22	19	21	21	21	19	19	20	21	18
	kW	2.15	2.20	2.27	2.35	2.32	2.37	2.45	2.54	2.47	2.53	2.62	2.71	2.61	2.67	2.76	2.86	2.72	2.79	2.88	2.98	2.82	2.89	2.99	3.09
	Amps	8.0	8.2	8.5	8.8	8.7	8.9	9.2	9.5	9.4	9.7	10.0	10.4	10.1	10.3	10.7	11.1	10.8	11.0	11.4	11.9	11.4	11.7	12.1	12.6
<b>85</b>	Hi PR	225	243	256	267	253	272	287	300	288	310	327	341	328	353	372	388	369	397	419	437	407	438	463	483
	Lo PR	110	117	128	136	116	124	135	144	121	129	141	150	127	135	148	157	133	142	155	165	138	147	160	170
	MBh	35.3	36.0	37.7	40.2	34.5	35.1	36.8	39.3	33.7	34.3	35.9	38.3	32.8	33.5	35.1	37.4	31.2	31.8	33.3	35.5	28.9	29.5	30.8	32.9
	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	24	23	20	25	24	23	20	25	24	23	20	24	25	23	20	23	23	23	20	21	22	21	19
<b>1094</b>	kW	2.13	2.18	2.25	2.33	2.30	2.35	2.43	2.52	2.45	2.51	2.59	2.68	2.59	2.65	2.74	2.83	2.70	2.76	2.86	2.96	2.80	2.86	2.96	3.07
	Amps	7.9	8.1	8.4	8.7	8.6	8.8	9.1	9.4	9.3	9.6	9.9	10.3	10.0	10.2	10.6	11.0	10.7	10.9	11.3	11.7	11.3	11.6	12.0	12.5
	Hi PR	223	240	254	265	250	269	285	297	285	306	324	338	324	349	369	384	365	393	415	433	403	434	458	478
	Lo PR	109	116	127	135	115	123	134	143	120	127	139	148	126	134	146	156	132	140	153	163	136	145	158	169
	MBh	32.6	33.2	34.8	37.1	31.8	32.4	34.0	36.2	31.1	31.7	33.2	35.4	30.3	30.9	32.4	34.5	28.8	29.3	30.7	32.8	26.7	27.2	28.5	30.4

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













IDB		OUTDOOR AMBIENT TEMPERATURE												105°F												115°F																			
		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								
AIRFLOW		59	63	67	71	75	79	83	87	91	95	59	63	67	71	75	79	83	87	91	95	59	63	67	71	75	79	59	63	67	71	75	79	59	63	67	71	75	79	59	63	67	71	75	79
<b>1350</b>	MBh	41.4	42.3	45.2	48.4	40.5	41.4	44.2	47.2	39.5	40.4	43.1	46.1	38.5	39.4	42.1	45.0	36.6	37.4	40.0	42.7	33.9	34.7	37.0	39.6																				
	S/T	0.91	0.86	0.70	0.52	0.95	0.89	0.72	0.54	1.00	0.91	0.74	0.55	1.00	0.94	0.77	0.57	1.00	1.00	0.79	0.59	1.00	1.00	0.80	0.60																				
	DT	26	25	21	17	26	25	22	17	27	25	22	17	26	25	22	18	25	25	22	17	23	24	20	16																				
	kW	2.26	2.31	2.39	2.47	2.45	2.50	2.59	2.68	2.61	2.67	2.77	2.86	2.76	2.82	2.92	3.02	2.88	2.95	3.05	3.16	2.99	3.06	3.16	3.28																				
	Amps	8.0	8.2	8.5	8.8	8.7	8.9	9.1	9.5	9.4	9.6	9.9	10.3	10.0	10.3	10.6	11.0	10.7	10.9	11.3	11.7	11.3	11.5	11.9	12.4																				
<b>1200</b>	Hi PR	210	226	239	249	236	254	268	280	268	289	305	318	306	329	347	362	344	370	391	408	380	409	432	450																				
	Lo PR	110	117	127	136	116	123	135	143	120	128	140	149	126	135	147	156	133	141	154	164	137	146	159	170																				
	MBh	40.2	41.1	43.9	46.9	39.3	40.1	42.9	45.9	38.4	39.2	41.9	44.8	37.4	38.2	40.9	43.7	35.5	36.3	38.8	41.5	32.9	33.6	35.9	38.4																				
	S/T	0.87	0.82	0.67	0.50	0.90	0.85	0.69	0.52	0.93	0.87	0.71	0.53	0.96	0.90	0.73	0.55	0.99	0.93	0.76	0.57	1.00	0.94	0.76	0.57																				
	DT	27	26	22	18	27	26	23	18	27	26	23	18	27	26	23	18	27	26	23	18	25	24	21	17																				
<b>1050</b>	kW	2.24	2.29	2.37	2.45	2.43	2.48	2.57	2.66	2.59	2.65	2.74	2.84	2.73	2.80	2.89	3.00	2.86	2.92	3.02	3.13	2.96	3.03	3.14	3.25																				
	Amps	8.0	8.1	8.4	8.7	8.6	8.8	9.1	9.4	9.3	9.5	9.8	10.2	9.9	10.2	10.5	10.9	10.6	10.8	11.2	11.6	11.2	11.4	11.8	12.3																				
	Hi PR	208	224	237	247	234	251	266	277	266	286	302	315	303	326	344	359	341	366	387	404	376	405	428	446																				
	Lo PR	109	116	126	134	115	122	133	142	119	127	138	147	125	133	145	155	131	140	152	162	136	144	158	168																				
	MBh	37.1	37.9	40.5	43.3	36.3	37.1	39.6	42.3	35.4	36.2	38.6	41.3	34.5	35.3	37.7	40.3	32.8	33.5	35.8	38.3	30.4	31.1	33.2	35.5																				

<b>1350</b>	MBh	42.2	43.0	45.0	48.0	41.2	42.0	44.0	46.9	40.2	41.0	42.9	45.8	39.2	40.0	41.9	44.7	37.3	38.0	39.8	42.4	34.5	35.2	36.8	39.3
	S/T	0.96	0.92	0.83	0.68	0.99	0.96	0.86	0.70	1.00	0.98	0.89	0.72	1.00	1.00	0.92	0.74	1.00	1.00	0.95	0.77	1.00	1.00	0.96	0.78
	DT	28	27	26	22	28	27	26	22	27	27	26	22	27	27	26	23	25	26	26	22	24	24	24	21
	kW	2.28	2.33	2.41	2.50	2.47	2.53	2.61	2.70	2.64	2.70	2.79	2.89	2.78	2.85	2.95	3.05	2.91	2.97	3.08	3.19	3.01	3.08	3.19	3.31
	Amps	8.1	8.3	8.5	8.9	8.7	8.9	9.2	9.6	9.5	9.7	10.0	10.4	10.1	10.4	10.7	11.1	10.7	11.0	11.4	11.8	11.4	11.7	12.0	12.5
<b>1200</b>	Hi PR	212	229	241	252	238	257	271	283	271	292	308	321	309	332	351	366	347	374	395	412	384	413	436	455
	Lo PR	111	118	129	137	117	124	136	145	122	129	141	150	128	136	148	158	134	142	155	166	138	147	161	171
	MBh	40.9	41.7	43.7	46.6	40.0	40.7	42.7	45.5	39.0	39.8	41.7	44.4	38.1	38.8	40.6	43.4	36.2	36.9	38.6	41.2	33.5	34.2	35.8	38.2
	S/T	0.91	0.88	0.80	0.65	0.95	0.91	0.82	0.67	0.97	0.94	0.85	0.69	1.00	0.97	0.87	0.71	1.00	1.00	0.91	0.74	1.00	1.00	0.91	0.74
	DT	29	28	27	23	29	29	27	23	29	29	27	23	29	29	27	24	28	28	27	23	26	26	25	22
<b>1050</b>	kW	2.26	2.31	2.39	2.47	2.45	2.50	2.59	2.68	2.61	2.67	2.77	2.86	2.76	2.82	2.92	3.02	2.88	2.95	3.05	3.16	2.99	3.06	3.16	3.28
	Amps	8.0	8.2	8.5	8.8	8.7	8.9	9.1	9.5	9.4	9.6	9.9	10.3	10.0	10.3	10.6	11.0	10.7	10.9	11.3	11.7	11.3	11.5	11.9	12.4
	Hi PR	210	226	239	249	236	254	268	280	268	289	305	318	306	329	347	362	344	370	391	408	380	409	432	450
	Lo PR	110	117	127	136	116	123	135	143	120	128	140	149	126	135	147	156	133	141	154	164	137	146	159	170
	MBh	37.8	38.5	40.3	43.0	36.9	37.6	39.4	42.0	36.0	36.7	38.5	41.0	35.1	35.8	37.5	40.0	33.4	34.0	35.6	38.0	30.9	31.5	33.0	35.2

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



IDB		OUTDOOR AMBIENT TEMPERATURE												ENTERING INDOOR WET BULB TEMPERATURE																																				
		65°F						75°F						85°F						95°F						105°F						115°F																		
		59	63	67	71	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													
80	2000	MBh	56.5	57.7	61.6	65.9	55.2	56.4	60.2	64.4	53.8	55.0	58.8	62.8	52.5	53.7	57.3	61.3	49.9	51.0	54.5	58.2	46.2	47.2	50.5	53.9	0.91	0.86	0.70	0.52	0.54	0.97	0.91	0.74	0.55	1.00	0.94	0.77	0.57	1.00	0.98	0.79	0.59	1.00	0.98	0.80	0.60			
		S/T	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	21	21	19	15																				
	1800	KW	3.54	3.61	3.73	3.85	3.81	3.89	4.02	4.15	4.05	4.14	4.27	4.41	4.26	4.35	4.50	4.65	4.44	4.54	4.69	4.85	4.60	4.70	4.86	5.02	13.2	13.6	14.0	14.6	14.3	14.7	15.2	15.8	15.6	16.0	16.5	17.2	16.7	17.1	17.7	18.4	17.8	18.3	18.9	19.6	18.9	19.4	20.0	20.8
		Amps	211	227	239	250	236	254	269	280	269	289	305	319	306	329	348	363	344	371	391	408	381	410	432	451	109	116	126	134	115	122	133	142	119	127	139	148	125	133	146	155	131	140	152	162	136	144	158	168
	1600	MBh	55.6	56.9	60.7	64.9	54.3	55.5	59.3	63.4	53.0	54.2	57.9	61.9	51.8	52.9	56.5	60.4	49.2	50.2	53.7	57.4	45.5	46.5	49.7	53.2	0.88	0.82	0.67	0.50	0.91	0.85	0.69	0.52	0.93	0.87	0.71	0.53	0.96	0.90	0.73	0.55	1.00	0.93	0.76	0.57	1.00	0.94	0.77	0.57
		S/T	25	24	21	17	25	24	21	17	25	24	21	17	25	24	21	17	25	24	21	17	23	22	19	16																								
	1000	KW	3.52	3.59	3.70	3.82	3.79	3.87	3.99	4.12	4.03	4.11	4.25	4.39	4.24	4.33	4.47	4.62	4.42	4.51	4.66	4.82	4.57	4.67	4.83	4.99	13.2	13.5	13.9	14.5	14.2	14.6	15.1	15.7	15.5	15.9	16.4	17.1	16.6	17.0	17.6	18.3	17.7	18.1	18.8	19.5	18.8	19.2	19.9	20.7
		Amps	209	225	238	248	235	253	267	278	267	287	303	316	304	327	346	360	342	368	389	405	378	407	429	448	108	115	125	133	114	121	132	141	118	126	138	147	124	132	145	154	130	139	151	161	135	143	157	167

IDB		OUTDOOR AMBIENT TEMPERATURE												ENTERING INDOOR WET BULB TEMPERATURE																																				
		65°F						75°F						85°F						95°F						105°F						115°F																		
		59	63	67	71	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													
85	2000	MBh	57.5	58.6	61.3	65.4	56.1	57.2	59.9	63.9	54.8	55.8	58.5	62.4	53.4	54.5	57.1	60.9	50.8	51.8	54.2	57.8	47.0	47.9	50.2	53.6	0.96	0.89	0.80	0.65	0.99	0.96	0.86	0.70	1.00	0.98	0.89	0.72	1.00	1.00	0.92	0.74	1.00	0.90	0.91	0.74	1.00	1.00	0.92	0.74
		S/T	25	25	24	20	26	25	24	21	25	25	24	21	25	25	24	21	25	23	24	24	20	22	22	19																								
	1800	KW	3.56	3.64	3.76	3.88	3.84	3.92	4.05	4.18	4.08	4.17	4.31	4.45	4.30	4.39	4.54	4.69	4.48	4.58	4.73	4.89	4.63	4.74	4.90	5.06	13.4	13.7	14.2	14.7	14.5	14.8	15.3	15.9	15.8	16.2	16.7	17.3	16.9	17.3	17.9	18.6	18.0	18.4	19.1	19.8	19.1	19.6	20.2	21.0
		Amps	213	229	242	252	239	257	271	283	272	292	309	322	309	333	351	367	348	374	395	412	384	414	437	456	110	117	127	136	116	123	135	143	120	128	140	149	127	135	147	157	133	141	154	164	137	146	159	170
	1600	MBh	56.6	57.7	60.4	64.5	55.3	56.4	59.0	63.0	54.0	55.0	57.6	61.5	52.7	53.7	56.2	60.0	50.0	51.0	53.4	57.0	46.3	47.2	49.5	52.8	0.92	0.89	0.80	0.65	0.95	0.92	0.83	0.67	1.00	0.94	0.85	0.69	1.00	0.97	0.88	0.71	1.00	0.90	0.91	0.74	1.00	1.00	0.92	0.74
		S/T	27	26	25	21	27	26	25	22	27	26	25	22	27	27	25	22	27	26	26	25	21	24	24	20																								
	1000	KW	3.55	3.62	3.73	3.85	3.82	3.90	4.03	4.16	4.06	4.15	4.28	4.42	4.27	4.37	4.51	4.66	4.45	4.55	4.70	4.86	4.61	4.71	4.87	5.03	13.3	13.6	14.1	14.6	14.4	14.7	15.2	15.8	15.7	16.0	16.6	17.2	16.8	17.2	17.8	18.5	17.9	18.3	18.9	19.7	19.0	19.4	20.1	20.9
		Amps	211	227	240	250	237	255	269	281	270	290	306	320	307	330	349	364	345	372	393	409	382	411	434	452	109	116	127	135	115	122	134	142	120	127	139	148	126	134	146	155	132	140	153	163	136	145	158	168

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

**DSZC180361A\* / CA\*F3642C6A\*+TXV/ MBE1600\*\*-1 — HIGH STAGE**

	OUTDOOR AMBIENT TEMPERATURE																	
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10
MBh	44.5	42.2	39.7	37.1	35.4	34.3	31.9	29.4	27.5	25.4	23.4	22.0	21.2	19.1	16.9	14.7	12.6	10.3
ΔT	33.0	31.2	29.4	27.5	26.2	25.4	23.6	21.8	20.4	18.8	17.3	16.3	15.7	14.1	12.5	10.9	9.3	7.6
kW	2.81	2.75	2.69	2.63	2.6	2.57	2.52	2.46	2.43	2.37	2.32	2.28	2.26	2.20	2.14	2.08	2.02	1.97
Amps	12.8	11.8	11.1	10.4	10.0	9.8	9.2	8.7	8.3	8.0	7.6	7.4	7.3	6.9	6.4	6.0	5.5	4.9
COP	4.64	4.49	4.32	4.12	3.99	3.90	3.71	3.50	3.30	3.13	2.95	2.83	2.75	2.54	2.31	2.07	1.82	1.53
EER	15.9	15.3	14.8	14.1	13.6	13.3	12.7	12.0	11.3	10.7	10.1	9.7	9.4	8.7	7.9	7.1	6.2	5.2

**DSZC180361A\* / CA\*F3642C6A\*+TXV/ MBE1600\*\*-1 — LOW STAGE**

	OUTDOOR AMBIENT TEMPERATURE																	
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10
MBh	30.8	29.2	27.4	25.6	24.5	23.7	22.0	20.3	18.0	16.6	15.3	14.5	13.9	12.5	11.1	9.7	8.3	6.8
ΔT	33.5	31.8	29.9	27.9	26.7	25.9	24.0	22.1	19.6	18.1	16.7	15.8	15.2	13.6	12.1	10.5	9.0	7.4
kW	1.98	1.94	1.90	1.86	1.8	1.81	1.77	1.73	1.78	1.74	1.69	1.67	1.65	1.60	1.56	1.51	1.47	1.42
Amps	9.5	8.8	8.2	7.7	7.5	7.3	6.9	6.5	6.2	6.0	5.7	5.5	5.5	5.2	4.8	4.5	4.2	3.7
COP	4.54	4.39	4.23	4.04	3.91	3.83	3.64	3.44	2.96	2.81	2.65	2.54	2.48	2.28	2.08	1.87	1.64	1.39
EER	15.5	15.0	14.4	13.8	13.4	13.1	12.4	11.7	10.1	9.6	9.1	8.7	8.5	7.8	7.1	6.4	5.6	4.7

**DSZC180481A\* / CA\*F4860\*6A\*+TXV/ MBE2000\*\*-1 — HIGH STAGE**

	OUTDOOR AMBIENT TEMPERATURE																	
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10
MBh	62.2	58.9	55.4	51.8	49.5	48.0	44.6	41.1	38.9	35.9	33.0	31.2	30.0	27.0	23.9	20.8	17.8	14.6
ΔT	32.9	31.2	29.3	27.4	26.2	25.4	23.6	21.7	20.6	19.0	17.5	16.5	15.9	14.3	12.6	11.0	9.4	7.7
kW	3.80	3.72	3.64	3.56	3.5	3.49	3.41	3.33	3.28	3.20	3.12	3.07	3.04	2.96	2.89	2.81	2.73	2.66
Amps	17.0	15.7	14.7	13.8	13.2	13.0	12.2	11.5	11.0	10.5	10.0	9.7	9.6	9.1	8.4	7.9	7.2	6.4
COP	4.80	4.64	4.46	4.26	4.12	4.03	3.82	3.61	3.47	3.29	3.10	2.97	2.89	2.66	2.42	2.17	1.90	1.61
EER	16.4	15.8	15.2	14.5	14.1	13.8	13.1	12.3	11.9	11.2	10.6	10.2	9.9	9.1	8.3	7.4	6.5	5.5

**DSZC180481A\* / CA\*F4860\*6A\*+TXV/ MBE2000\*\*- — LOW STAGE**

	OUTDOOR AMBIENT TEMPERATURE																	
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10
MBh	43.8	41.4	39.0	36.5	34.8	33.7	31.3	28.9	27.0	25.0	23.0	21.7	20.9	18.7	16.6	14.5	12.4	10.1
ΔT	33.8	32.0	30.1	28.1	26.9	26.0	24.2	22.3	20.9	19.3	17.7	16.7	16.1	14.5	12.8	11.2	9.5	7.8
kW	2.67	2.62	2.56	2.50	2.5	2.44	2.39	2.33	2.44	2.38	2.32	2.28	2.26	2.19	2.13	2.07	2.01	1.95
Amps	12.7	11.7	10.9	10.2	9.8	9.6	9.0	8.5	8.1	7.7	7.2	7.0	6.9	6.5	6.0	5.6	5.1	4.5
COP	4.79	4.63	4.46	4.27	4.13	4.04	3.84	3.63	3.24	3.07	2.90	2.78	2.71	2.50	2.28	2.05	1.80	1.52
EER	16.4	15.8	15.2	14.6	14.1	13.8	13.1	12.4	11.1	10.5	9.9	9.5	9.3	8.5	7.8	7.0	6.2	5.2

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

Note: Shaded area is AHRI Rating Conditions at 47°F outdoor ambient temperature

Amps = Outdoor unit amps (comp.+fan)

kW = Total system power



DSZC180601B\* / CAPF4961D6 / MBVC2000A — HIGH STAGE

	OUTDOOR AMBIENT TEMPERATURE																	
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10
MBh	71.0	67.2	63.3	59.2	56.5	54.7	50.9	46.9	43.6	40.3	37.1	35.0	33.7	30.2	26.8	23.4	20.0	16.3
ΔT	36.5	34.6	32.6	30.4	29.1	28.2	26.2	24.1	22.4	20.7	19.1	18.0	17.3	15.6	13.8	12.0	10.3	8.4
kW	4.57	4.48	4.39	4.30	4.2	4.21	4.12	4.03	4.52	4.41	4.31	4.24	4.20	4.09	3.99	3.88	3.77	3.67
Amps	21.4	19.8	18.5	17.3	16.7	16.4	15.4	14.6	14.0	13.3	12.6	12.3	12.2	11.5	10.7	10.1	9.3	8.3
COP	4.55	4.39	4.22	4.03	3.90	3.81	3.61	3.41	2.82	2.67	2.52	2.41	2.35	2.16	1.97	1.76	1.55	1.30
EER	15.5	15.0	14.4	13.8	13.3	13.0	12.3	11.6	9.6	9.1	8.6	8.2	8.0	7.4	6.7	6.0	5.3	4.5

DSZC180601B\* / CAPF4961D6 / MBVC2000A — LOW STAGE

	OUTDOOR AMBIENT TEMPERATURE																	
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10
MBh	49.8	47.1	44.4	41.5	39.6	38.4	35.6	32.9	29.8	27.5	25.3	23.9	23.0	20.7	18.3	16.0	13.6	11.2
ΔT	38.4	36.4	34.2	32.0	30.6	29.6	27.5	25.4	23.0	21.2	19.5	18.5	17.8	15.9	14.1	12.3	10.5	8.6
kW	3.41	3.33	3.26	3.19	3.1	3.12	3.05	2.97	3.37	3.28	3.20	3.15	3.11	3.03	2.94	2.86	2.77	2.69
Amps	16.8	15.6	14.6	13.7	13.2	12.9	12.2	11.6	11.1	10.6	10.1	9.8	9.7	9.2	8.6	8.0	7.4	6.7
COP	4.28	4.14	3.98	3.81	3.68	3.60	3.42	3.24	2.59	2.45	2.32	2.22	2.17	2.00	1.82	1.64	1.44	1.22
EER	14.6	14.1	13.6	13.0	12.6	12.3	11.7	11.1	8.8	8.4	7.9	7.6	7.4	6.8	6.2	5.6	4.9	4.2

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

Note: Shaded area is AHRI Rating Conditions at 47°F outdoor ambient temperature

Amps = Outdoor unit amps (comp.+fan)

kW = Total system power

OUTDOOR UNIT	INDOOR UNITS		COOLING RATINGS ^				TVA RATINGS ^		HEATING RATINGS ^			CFM	AHRI #
	COILS/AIR HANDLERS	FURNACES	TOTAL	SENS.	SEER <sup>1</sup>	EER <sup>2</sup>	TOTAL	SENS.	HI <sup>4</sup>	HSPF <sup>5</sup>	LOW <sup>6</sup>		
DSZC18 0361A*	AVPTC42D14A*		35,000	26,600	17.5	12.5	32,400	26,200	35,000	9.25	20,400	1,200	5933262
	AVPTC48D14A*		36,000	27,400	17.5	12.5	33,400	27,000	35,000	9.25	20,400	1,200	5933263
	CA*F3743*6D*+MBVC1600**~1A*+TXV		35,000	26,600	18.0	13.0	32,400	26,200	35,000	9.50	20,400	1,250	4415195
	CA*F3743*6D*+MBVC2000**~1A*+TXV		35,000	26,600	18.0	13.0	32,400	26,200	34,800	9.25	20,400	1,250	4415237
	CA*F3743*6D*+TXV	G*VC80604B*B*	34,600	26,200	17.5	12.5	32,000	26,000	34,800	9.30	20,000	1,260	5038606
	CA*F3743*6D*+TXV	G*VC80805C*B*	34,600	26,200	17.5	12.5	32,000	26,000	34,800	9.30	20,000	1,250	5038668
	CA*F3743*6D*+TXV	A*VC80604B*B*	34,600	26,200	17.5	12.5	32,000	26,000	34,800	9.30	20,000	1,260	5038728
	CA*F3743*6D*+TXV	A*VC80603B*B*	34,600	26,200	17.4	12.5	32,000	26,000	34,800	9.30	20,000	1,170	5038755
	CA*F3743*6D*+TXV	A*VC80805C*B*	34,600	26,200	17.5	12.5	32,000	26,000	34,800	9.30	20,000	1,250	5038773
	CA*F3743*6D*+TXV	ADVC80805C*B*	34,600	26,200	17.5	12.5	32,000	26,000	35,000	9.30	20,000	1,250	5038802
	CA*F3743*6D*+TXV	A*VC81005C*B*	34,600	26,200	17.5	12.5	32,000	26,000	35,000	9.30	20,000	1,210	6498129
	CA*F3743*6D*+TXV	ADVC81005C*B*	34,600	26,200	17.5	12.5	32,000	26,000	35,000	9.30	20,000	1,230	6498140
	CA*F3743*6D*+TXV	G*VC81005C*B*	34,600	26,200	17.5	12.5	32,000	26,000	35,000	9.30	20,000	1,210	6498141
	CA*F3743*6D*+TXV	G*VC960403BNA*	34,600	26,200	16.5	12.5	32,000	26,000	35,000	9.00	20,000	1,200	7360734
	CA*F3743*6D*+TXV	G*VC960603BNA*	34,600	26,200	16.5	12.5	32,000	26,000	35,000	9.00	20,000	1,200	7360738
	CA*F3743*6D*+TXV	G*VC960803BNA*	34,600	26,200	16.5	12.5	32,000	26,000	35,000	9.00	20,000	1,200	7360742
	CA*F3743*6D*+TXV	G*VC960804CNA*	34,600	26,200	17.0	12.5	32,000	26,000	35,000	9.00	20,000	1,200	7360747
	CA*F3743*6D*+TXV	G*VC961005CNA*	34,600	26,200	17.0	12.5	32,000	26,000	35,000	9.00	20,000	1,200	7360753
	CA*F3743*6D*+TXV	G*VM970603BNA*	34,600	26,200	16.5	12.5	32,000	26,000	35,000	9.00	20,000	1,200	7360770
	CA*F3743*6D*+TXV	G*VM970803BNA*	34,600	26,200	16.5	12.5	32,000	26,000	35,000	9.00	20,000	1,200	7360776
	CA*F3743*6D*+TXV	G*VM970804CNA*	34,600	26,200	17.0	12.5	32,000	26,000	35,000	9.00	20,000	1,200	7360781
	CA*F3743*6D*+TXV	G*VM971005CNA*	34,600	26,200	17.0	12.5	32,000	26,000	35,000	9.00	20,000	1,200	7360787
	CA*F3743*6D*+TXV	A*VC960403BNA*	34,600	26,200	16.5	12.5	32,000	26,000	35,000	9.00	20,000	1,200	7360800
	CA*F3743*6D*+TXV	A*VC960603BNA*	34,600	26,200	16.5	12.5	32,000	26,000	35,000	9.00	20,000	1,200	7360804
	CA*F3743*6D*+TXV	A*VC960803BNA*	34,600	26,200	16.5	12.5	32,000	26,000	35,000	9.00	20,000	1,200	7360808
	CA*F3743*6D*+TXV	A*VC960804CNA*	34,600	26,200	17.0	12.5	32,000	26,000	35,000	9.00	20,000	1,200	7360812
	CA*F3743*6D*+TXV	A*VC961005CNA*	34,600	26,200	17.0	12.5	32,000	26,000	35,000	9.00	20,000	1,200	7360816
	CA*F3743*6D*+TXV	A*VM970603BNA*	34,600	26,200	16.5	12.5	32,000	26,000	35,000	9.00	20,000	1,200	7360828
	CA*F3743*6D*+TXV	A*VM970803BNA*	34,600	26,200	16.5	12.5	32,000	26,000	35,000	9.00	20,000	1,200	7360832
	CA*F3743*6D*+TXV	A*VM970804CNA*	34,600	26,200	17.0	12.5	32,000	26,000	35,000	9.00	20,000	1,200	7360836
	CA*F3743*6D*+TXV	A*VM971005CNA*	34,600	26,200	17.0	12.5	32,000	26,000	35,000	9.00	20,000	1,200	7360840
	CA*F3743*6D*+TXV	G*EC960603BNA*	34,600	26,200	16.5	12.5	32,000	26,000	35,000	9.00	20,000	1,215	7368191
	CA*F3743*6D*+TXV	G*EC960803BNA*	34,600	26,200	16.5	12.5	32,000	26,000	35,000	9.00	20,000	1,275	7368195
	CA*F3743*6D*+TXV	A*EC960603BNA*	34,600	26,200	16.5	12.5	32,000	26,000	35,000	9.00	20,000	1,215	7368205
	CA*F3743*6D*+TXV	A*EC960803BNA*	34,600	26,200	16.5	12.5	32,000	26,000	35,000	9.00	20,000	1,275	7368209
	CA*F4860*6D*+TXV	G*VC80805C*B*	35,000	26,600	17.5	12.5	32,400	26,200	34,800	9.30	20,000	1,250	5038698
	CA*F4860*6D*+TXV	ADVC80805C*B*	35,000	26,600	17.5	12.5	32,400	26,200	35,000	9.30	20,000	1,250	5038785
	CA*F4860*6D*+TXV	A*VC80805C*B*	35,000	26,600	17.5	12.5	32,400	26,200	34,800	9.30	20,000	1,250	5038794
	CA*F4961*6D*+MBVC1600**~1A*+TXV		35,000	26,600	18.0	13.0	32,400	26,200	35,000	9.50	20,000	1,250	4431891
	CA*F4961*6D*+MBVC2000**~1A*+TXV		35,000	26,600	18.0	13.0	32,400	26,200	35,000	9.25	20,400	1,250	4431892
	CA*F4961*6D*+TXV	G*VC80805C*B*	34,600	26,200	17.5	12.5	32,000	26,000	34,800	9.30	20,000	1,250	5038607
CA*F4961*6D*+TXV	G*VC80604B*B*	34,600	26,200	17.5	12.5	32,000	26,000	34,800	9.30	20,000	1,260	5038699	
CA*F4961*6D*+TXV	A*VC80805C*B*	34,600	26,200	17.5	12.5	32,000	26,000	34,800	9.30	20,000	1,250	5038729	
CA*F4961*6D*+TXV	ADVC80805C*B*	34,600	26,200	17.5	12.5	32,000	26,000	35,000	9.30	20,000	1,250	5038730	
CA*F4961*6D*+TXV	A*VC80604B*B*	34,600	26,200	17.5	12.5	32,000	26,000	34,800	9.30	20,000	1,260	5038795	
CA*F4961*6D*+TXV	A*VC81005C*B*	34,600	26,200	17.5	12.5	32,000	26,000	35,000	9.30	20,000	1,210	6498142	
CA*F4961*6D*+TXV	ADVC81005C*B*	34,600	26,200	17.5	12.5	32,000	26,000	35,000	9.30	20,000	1,230	6498153	
CA*F4961*6D*+TXV	G*VC81005C*B*	34,600	26,200	17.5	12.5	32,000	26,000	35,000	9.30	20,000	1,210	6498154	
CA*F4961*6D*+TXV	G*VC960403BNA*	34,600	26,200	17.0	12.5	32,000	26,000	35,000	9.00	20,000	1,200	7360735	
CA*F4961*6D*+TXV	G*VC960603BNA*	34,600	26,200	17.0	12.5	32,000	26,000	35,000	9.00	20,000	1,200	7360739	
CA*F4961*6D*+TXV	G*VC960803BNA*	34,600	26,200	17.0	12.5	32,000	26,000	35,000	9.00	20,000	1,200	7360743	
CA*F4961*6D*+TXV	G*VC960804CNA*	35,000	26,600	17.0	12.5	32,400	26,200	36,000	9.00	20,000	1,200	7360748	
CA*F4961*6D*+TXV	G*VC961005CNA*	35,000	26,600	17.0	12.5	32,400	26,200	36,000	9.00	20,000	1,200	7360754	
CA*F4961*6D*+TXV	G*VM970603BNA*	34,600	26,200	17.0	12.5	32,000	26,000	35,000	9.00	20,000	1,200	7360771	

See Notes on Page 21.

OUTDOOR UNIT	INDOOR UNITS		COOLING RATINGS ^				TVA RATINGS ^3		HEATING RATINGS ^			CFM	AHRI #	
	COILS/AIR HANDLERS	FURNACES	TOTAL	SENS.	SEER ^1	EER ^2	TOTAL	SENS.	HI ^4	HSPF ^5	LOW ^6			
DSZC18 0361A* (cont.)	CA*F4961*6D*+TXV	G*VM970803BNA*	34,600	26,200	17.0	12.5	32,000	26,000	35,000	9.00	20,000	1,200	7360777	
	CA*F4961*6D*+TXV	G*VM970804CNA*	35,000	26,600	17.0	12.5	32,400	26,200	36,000	9.00	20,000	1,200	7360782	
	CA*F4961*6D*+TXV	G*VM971005CNA*	35,000	26,600	17.0	12.5	32,400	26,200	36,000	9.00	20,000	1,200	7360788	
	CA*F4961*6D*+TXV	A*VC960403BNA*	34,600	26,200	17.0	12.5	32,000	26,000	35,000	9.00	20,000	1,200	7360801	
	CA*F4961*6D*+TXV	A*VC960603BNA*	34,600	26,200	17.0	12.5	32,000	26,000	35,000	9.00	20,000	1,200	7360805	
	CA*F4961*6D*+TXV	A*VC960803BNA*	34,600	26,200	17.0	12.5	32,000	26,000	35,000	9.00	20,000	1,200	7360809	
	CA*F4961*6D*+TXV	A*VC960804CNA*	35,000	26,600	17.0	12.5	32,400	26,200	36,000	9.00	20,000	1,200	7360813	
	CA*F4961*6D*+TXV	A*VC961005CNA*	35,000	26,600	17.0	12.5	32,400	26,200	36,000	9.00	20,000	1,200	7360817	
	CA*F4961*6D*+TXV	A*VM970603BNA*	34,600	26,200	17.0	12.5	32,000	26,000	35,000	9.00	20,000	1,200	7360829	
	CA*F4961*6D*+TXV	A*VM970803BNA*	34,600	26,200	17.0	12.5	32,000	26,000	35,000	9.00	20,000	1,200	7360833	
	CA*F4961*6D*+TXV	A*VM970804CNA*	35,000	26,600	17.0	12.5	32,400	26,200	36,000	9.00	20,000	1,200	7360837	
	CA*F4961*6D*+TXV	A*VM971005CNA*	35,000	26,600	17.0	12.5	32,400	26,200	36,000	9.00	20,000	1,200	7360841	
	CA*F4961*6D*+TXV	G*EC960603BNA*	35,000	26,600	17.0	12.5	32,400	26,200	35,000	9.00	20,000	1,215	7368192	
	CA*F4961*6D*+TXV	G*EC960803BNA*	35,000	26,600	17.0	12.5	32,400	26,200	35,000	9.00	20,000	1,275	7368196	
	CA*F4961*6D*+TXV	A*EC960603BNA*	35,000	26,600	17.0	12.5	32,400	26,200	35,000	9.00	20,000	1,215	7368206	
	CA*F4961*6D*+TXV	A*EC960803BNA*	35,000	26,600	17.0	12.5	32,400	26,200	35,000	9.00	20,000	1,275	7368210	
	CHPF3743C6B*+MBVC1600**-1A*+TXV			35,000	26,600	18.0	13.0	32,400	26,200	35,000	9.50	20,400	1,250	3654787
	CHPF3743C6B*+TXV	G*VC80805C*B*		34,600	26,200	17.0	12.5	32,000	26,000	34,800	9.30	20,000	1,250	5038683
	CHPF3743C6B*+TXV	G*VC80604B*B*		34,600	26,200	17.0	12.5	32,000	26,000	34,800	9.30	20,000	1,260	5038711
	CHPF3743C6B*+TXV	A*VC80805C*B*		34,600	26,200	17.0	12.5	32,000	26,000	34,800	9.30	20,000	1,250	5038786
	CHPF3743C6B*+TXV	A*VC80604B*B*		34,600	26,200	17.0	12.5	32,000	26,000	34,800	9.30	20,000	1,260	5038803
	CHPF3743C6B*+TXV	A*VC81005C*B*		34,600	26,200	17.0	12.5	32,000	26,000	35,000	9.30	20,000	1,210	6498155
	CHPF3743C6B*+TXV	G*VC81005C*B*		34,600	26,200	17.0	12.5	32,000	26,000	35,000	9.30	20,000	1,210	6498159
	CHPF3743C6B*+TXV	G*VC960403BNA*		34,600	26,200	16.5	12.0	32,000	26,000	35,000	9.00	20,000	1,200	7360736
	CHPF3743C6B*+TXV	G*VC960603BNA*		34,600	26,200	16.5	12.0	32,000	26,000	35,000	9.00	20,000	1,200	7360740
	CHPF3743C6B*+TXV	G*VC960803BNA*		34,600	26,200	16.5	12.0	32,000	26,000	35,000	9.00	20,000	1,200	7360744
	CHPF3743C6B*+TXV	G*VC960804CNA*		34,600	26,200	16.5	12.5	32,000	26,000	35,000	9.00	20,000	1,200	7360750
	CHPF3743C6B*+TXV	G*VC961005CNA*		34,600	26,200	16.5	12.5	32,000	26,000	35,000	9.00	20,000	1,200	7360756
	CHPF3743C6B*+TXV	G*VM970603BNA*		34,600	26,200	16.5	12.0	32,000	26,000	35,000	9.00	20,000	1,200	7360773
	CHPF3743C6B*+TXV	G*VM970803BNA*		34,600	26,200	16.5	12.0	32,000	26,000	35,000	9.00	20,000	1,200	7360778
	CHPF3743C6B*+TXV	G*VM970804CNA*		34,600	26,200	16.5	12.5	32,000	26,000	35,000	9.00	20,000	1,200	7360784
	CHPF3743C6B*+TXV	G*VM971005CNA*		34,600	26,200	16.5	12.5	32,000	26,000	35,000	9.00	20,000	1,200	7360789
	CHPF3743C6B*+TXV	A*VC960403BNA*		34,600	26,200	16.5	12.0	32,000	26,000	35,000	9.00	20,000	1,200	7360802
	CHPF3743C6B*+TXV	A*VC960603BNA*		34,600	26,200	16.5	12.0	32,000	26,000	35,000	9.00	20,000	1,200	7360806
	CHPF3743C6B*+TXV	A*VC960803BNA*		34,600	26,200	16.5	12.0	32,000	26,000	35,000	9.00	20,000	1,200	7360810
	CHPF3743C6B*+TXV	A*VC960804CNA*		34,600	26,200	16.5	12.5	32,000	26,000	35,000	9.00	20,000	1,200	7360814
	CHPF3743C6B*+TXV	A*VC961005CNA*		34,600	26,200	16.5	12.5	32,000	26,000	35,000	9.00	20,000	1,200	7360818
	CHPF3743C6B*+TXV	A*VM970603BNA*		34,600	26,200	16.5	12.0	32,000	26,000	35,000	9.00	20,000	1,200	7360830
	CHPF3743C6B*+TXV	A*VM970803BNA*		34,600	26,200	16.5	12.0	32,000	26,000	35,000	9.00	20,000	1,200	7360834
	CHPF3743C6B*+TXV	A*VM970804CNA*		34,600	26,200	16.5	12.5	32,000	26,000	35,000	9.00	20,000	1,200	7360838
	CHPF3743C6B*+TXV	A*VM971005CNA*		34,600	26,200	16.5	12.5	32,000	26,000	35,000	9.00	20,000	1,200	7360842
	CHPF3743C6B*+TXV	G*EC960603BNA*		34,600	26,200	16.5	12.0	32,000	26,000	35,000	9.00	20,000	1,215	7368193
	CHPF3743C6B*+TXV	G*EC960803BNA*		34,600	26,200	16.5	12.0	32,000	26,000	35,000	9.00	20,000	1,275	7368197
	CHPF3743C6B*+TXV	A*EC960603BNA*		34,600	26,200	16.5	12.0	32,000	26,000	35,000	9.00	20,000	1,215	7368207
	CHPF3743C6B*+TXV	A*EC960803BNA*		34,600	26,200	16.5	12.0	32,000	26,000	35,000	9.00	20,000	1,275	7368211
	CHPF3743D6B*+MBVC2000**-1A*+TXV			35,000	26,600	18.0	13.0	32,400	26,200	35,000	9.25	20,000	1,250	3654803
	CHPF3743D6B*+TXV	G*VC80805C*B*		34,600	26,200	17.0	12.5	32,000	26,000	34,800	9.30	20,000	1,250	5038628
	CHPF3743D6B*+TXV	A*VC80805C*B*		34,600	26,200	17.0	12.5	32,000	26,000	34,800	9.30	20,000	1,250	5038746
	CHPF3743D6B*+TXV	A*VC81005C*B*		34,600	26,200	17.0	12.5	32,000	26,000	35,000	9.30	20,000	1,210	6498160
	CHPF3743D6B*+TXV	G*VC81005C*B*		34,600	26,200	17.0	12.5	32,000	26,000	35,000	9.30	20,000	1,210	6498169
	CHPF4860D6D*+MBVC2000**-1A*+TXV			35,000	26,600	18.0	13.0	32,400	26,200	35,000	9.25	20,000	1,250	3654817
	CHPF4860D6D*+TXV	G*VC80805C*B*		34,600	26,200	17.5	12.5	32,000	26,000	34,800	9.30	20,000	1,250	5038712
CHPF4860D6D*+TXV	A*VC80805C*B*		34,600	26,200	17.5	12.5	32,000	26,000	34,800	9.30	20,000	1,250	5038804	
CHPF4860D6D*+TXV	A*VC81005C*B*		34,600	26,200	17.5	12.5	32,000	26,000	35,000	9.30	20,000	1,210	6498170	

See Notes on Page 21.



OUTDOOR UNIT	INDOOR UNITS		COOLING RATINGS <sup>^</sup>				TVA RATINGS <sup>3</sup>		HEATING RATINGS <sup>^</sup>			CFM	AHRI #
	COILS/AIR HANDLERS	FURNACES	TOTAL	SENS.	SEER <sup>1</sup>	EER <sup>2</sup>	TOTAL	SENS.	HI <sup>4</sup>	HSPF <sup>5</sup>	LOW <sup>6</sup>		
DSZC18 0481A* (cont.)	CHPF4860D6D*+TXV	G*VM971005CNA*	47,000	35,400	16.5	12.0	43,500	34,800	47,000	9.00	29,000	1,530	7360795
	CHPF4860D6D*+TXV	A*VC960804CNA*	47,000	35,400	17.0	12.5	43,500	34,800	47,000	9.00	29,000	1,500	7360821
	CHPF4860D6D*+TXV	A*VC961005CNA*	47,000	35,400	16.5	12.0	43,500	34,800	47,000	9.00	29,000	1,530	7360823
	CHPF4860D6D*+TXV	A*VM970804CNA*	47,000	35,400	17.0	12.5	43,500	34,800	47,000	9.00	29,000	1,500	7360845
	CHPF4860D6D*+TXV	A*VM971005CNA*	47,000	35,400	16.5	12.0	43,500	34,800	47,000	9.00	29,000	1,530	7360847
	CHPF4860D6D*+TXV	G*VC961205DNA*	47,000	35,400	17.0	12.5	43,500	34,800	47,000	9.00	29,000	1,600	7360853
	CHPF4860D6D*+TXV	A*VC961205DNA*	47,000	35,400	17.0	12.5	43,500	34,800	47,000	9.00	29,000	1,600	7360855
	CHPF4860D6D*+TXV	G*EC961004CNA*	47,000	35,400	16.5	12.0	43,500	34,800	47,000	9.00	29,000	1,500	7368200
	CHPF4860D6D*+TXV	G*EC961205DNA*	47,000	35,400	17.0	12.5	43,500	34,800	47,000	9.00	29,000	1,650	7368202
	CHPF4860D6D*+TXV	A*EC961004CNA*	47,000	35,400	16.5	12.0	43,500	34,800	47,000	9.00	29,000	1,500	7368214
	CHPF4860D6D*+TXV	A*EC961205DNA*	47,000	35,400	17.0	12.5	43,500	34,800	47,000	9.00	29,000	1,650	7368216
	DSZC18 0601B*	AVPTC60D14A*		56,000	40,000	16.5	12.0	52,000	40,500	56,000	9.00	34,600	1,800
CA*F4961*6D*+MBVC2000** -1A*+TXV			56,500	40,000	17.0	12.6	52,500	41,000	56,500	9.30	35,000	1,800	4514555
CA*F4961*6D*+TXV		G*VC81005C*B*	55,500	39,500	16.7	12.0	51,500	40,000	56,000	9.30	34,600	1,800	5038644
CA*F4961*6D*+TXV		G*VC80805C*B*	55,500	39,500	16.7	12.0	51,500	40,000	55,500	9.30	34,400	1,590	5038700
CA*F4961*6D*+TXV		A*VC81005C*B*	55,500	39,500	16.7	12.0	51,500	40,000	56,000	9.30	34,600	1,800	5038758
CA*F4961*6D*+TXV		ADVC81005C*B*	55,500	39,500	16.5	12.0	51,500	40,000	56,000	9.30	34,600	1,820	5038774
CA*F4961*6D*+TXV		A*VC80805C*B*	55,500	39,500	16.7	12.0	51,500	40,000	55,500	9.30	34,400	1,590	5038796
CA*F4961*6D*+TXV		ADVC80805C*B*	55,500	39,500	16.5	12.0	51,500	40,000	55,500	9.30	34,400	1,580	5038797
CA*F4961*6D*+TXV		G*VC961005CNA*	55,000	39,000	16.0	12.0	51,000	40,000	56,000	9.00	34,000	1,600	7360764
CA*F4961*6D*+TXV		G*VC961205DNA*	55,000	39,000	16.0	12.0	51,000	40,000	56,000	9.00	34,000	1,600	7360767
CA*F4961*6D*+TXV		G*VM971005CNA*	55,000	39,000	16.0	12.0	51,000	40,000	56,000	9.00	34,000	1,600	7360796
CA*F4961*6D*+TXV		A*VC961005CNA*	55,000	39,000	16.0	12.0	51,000	40,000	56,000	9.00	34,000	1,600	7360824
CA*F4961*6D*+TXV		A*VC961205DNA*	55,000	39,000	16.0	12.0	51,000	40,000	56,000	9.00	34,000	1,600	7360826
CA*F4961*6D*+TXV		A*VM971005CNA*	55,000	39,000	16.0	12.0	51,000	40,000	56,000	9.00	34,000	1,600	7360848
CA*F4961*6D*+TXV		G*VM971205DNA*	55,000	39,000	16.0	12.0	51,000	40,000	56,000	9.00	34,000	1,600	7364851
CA*F4961*6D*+TXV		A*VM971205DNA*	55,000	39,000	16.0	12.0	51,000	40,000	56,000	9.00	34,000	1,600	7364853
CA*F4961*6D*+TXV		G*EC961205DNA*	55,500	39,500	16.0	12.0	51,500	40,000	56,000	9.00	34,000	1,650	7368203
CA*F4961*6D*+TXV		A*EC961205DNA*	55,500	39,500	16.0	12.0	51,500	40,000	56,000	9.00	34,000	1,650	7368217
CHPF4860D6D*+MBVC2000** -1A*+TXV			55,500	39,500	17.0	12.8	51,500	40,000	55,500	9.30	34,000	1,600	4236556
CHPF4860D6D*+TXV		G*VC81005C*B*	55,000	39,000	16.9	12.0	51,000	40,000	56,000	9.30	34,400	1,800	5038608
CHPF4860D6D*+TXV		G*VC80805C*B*	55,500	39,500	16.5	12.0	51,500	40,000	55,500	9.30	34,200	1,590	5038713
CHPF4860D6D*+TXV		A*VC81005C*B*	55,000	39,000	16.9	12.0	51,000	40,000	56,000	9.30	34,400	1,800	5038731
CHPF4860D6D*+TXV		A*VC80805C*B*	55,500	39,500	16.5	12.0	51,500	40,000	55,500	9.30	34,200	1,590	5038806
CHPF4860D6D*+TXV		G*VC961005CNA*	55,000	39,000	15.5	12.0	51,000	40,000	56,000	9.00	34,000	1,600	7360766
CHPF4860D6D*+TXV		G*VC961205DNA*	55,000	39,000	15.5	12.0	51,000	40,000	56,000	9.00	34,000	1,600	7360769
CHPF4860D6D*+TXV		G*VM971005CNA*	55,000	39,000	15.5	12.0	51,000	40,000	56,000	9.00	34,000	1,600	7360797
CHPF4860D6D*+TXV		A*VC961005CNA*	55,000	39,000	15.5	12.0	51,000	40,000	56,000	9.00	34,000	1,600	7360825
CHPF4860D6D*+TXV		A*VC961205DNA*	55,000	39,000	15.5	12.0	51,000	40,000	56,000	9.00	34,000	1,600	7360827
CHPF4860D6D*+TXV		A*VM971005CNA*	55,000	39,000	15.5	12.0	51,000	40,000	56,000	9.00	34,000	1,600	7360849
CHPF4860D6D*+TXV		G*VM971205DNA*	55,000	39,000	15.5	12.0	51,000	40,000	56,000	9.00	34,000	1,600	7364852
CHPF4860D6D*+TXV		A*VM971205DNA*	55,000	39,000	15.5	12.0	51,000	40,000	56,000	9.00	34,000	1,600	7364854
CHPF4860D6D*+TXV		G*EC961205DNA*	55,000	39,000	15.5	12.0	51,000	40,000	56,000	9.00	34,000	1,650	7368204
CHPF4860D6D*+TXV		A*EC961205DNA*	55,000	39,000	15.5	12.0	51,000	40,000	56,000	9.00	34,000	1,650	7368218

<sup>^</sup> Rated in accordance with ANSI/AHRI Standard 210/240

<sup>1</sup> Seasonal Energy Efficiency Ratio

<sup>3</sup> TVA Rating: BTU/h @ 75°F/ 63°F - 95°F

<sup>5</sup> HSPF = Heating Seasonal Performance Factor

<sup>7</sup> CFM at High stage

<sup>2</sup> Energy Efficiency Ratio @ 80°F/ 67°F/ 95°F

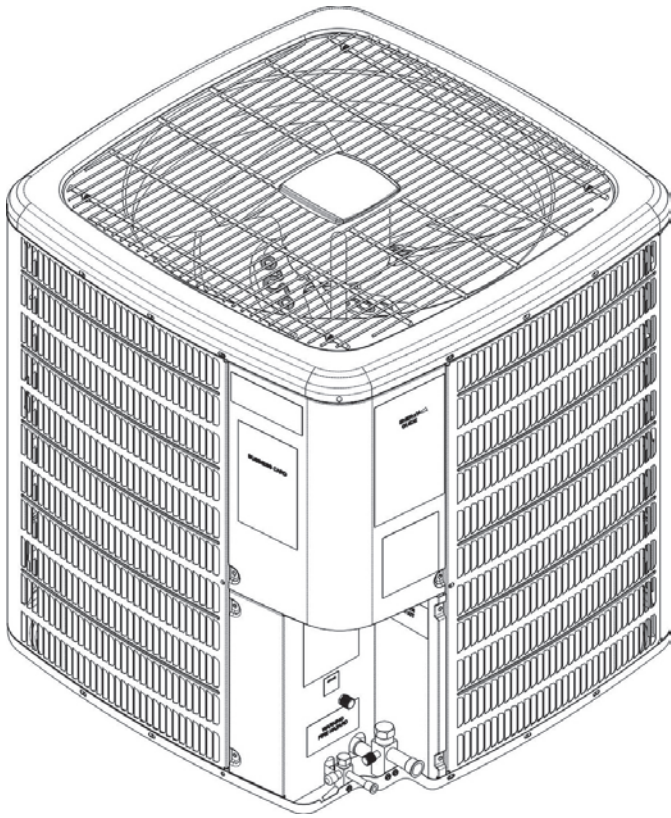
<sup>4</sup> Rated heating capacity at 47°F outdoor per AHRI 210/240

<sup>6</sup> Heating capacity at 17°F outdoor

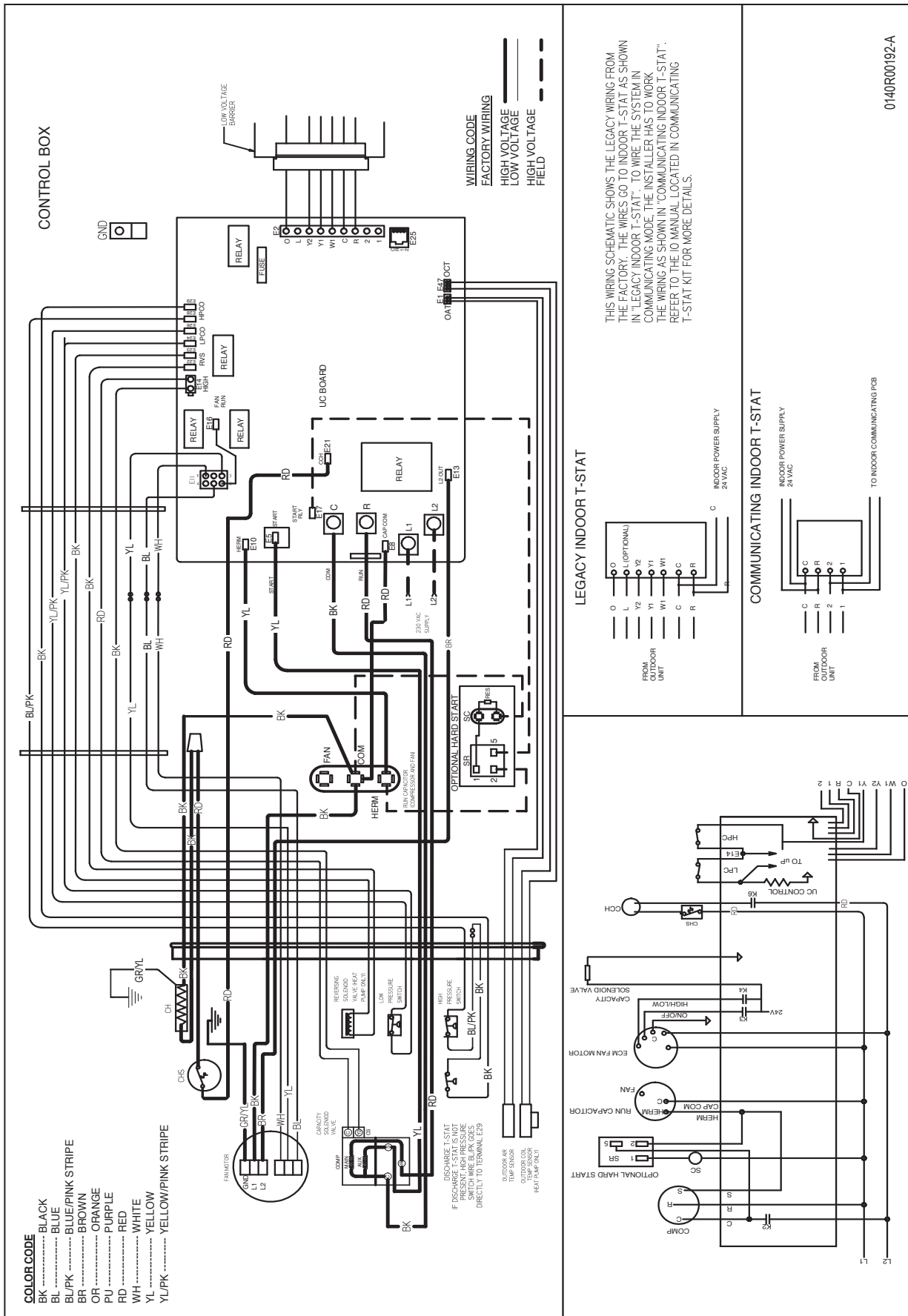
<sup>8</sup> CFM at Intermediate and low stage

**NOTES**

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



MODEL	DIMENSIONS		
	W"	D"	H"
DSZC180361A	35½	35½	38¾
DSZC180481A	35½	35½	38¾
DSZC180601B	35½	35½	38¾



**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.

THIS WIRING SCHEMATIC SHOWS THE LEGACY WIRING FROM THE FACTORY. THE WIRES GO TO INDOOR T-STAT AS SHOWN IN "LEGACY INDOOR T-STAT". TO WIRE THE SYSTEM IN COMMUNICATING MODE, THE INSTALLER HAS TO WORK THE WIRING AS SHOWN IN "COMMUNICATING INDOOR T-STAT". REFER TO THE IO MANUAL LOCATED IN COMMUNICATING T-STAT KIT FOR MORE DETAILS.

0140R00192-A

**ACCESSORIES**

<b>MODEL</b>	<b>DESCRIPTION</b>	<b>DSZC18 036**</b>	<b>DSZC18 048**</b>	<b>DSZC18 060**</b>
ABK-20	Anchor Bracket Kit*			
B1141643 <sup>1</sup>	24V Transformer	X	X	X
CSR-U-1	Hard-start Kit	X	X	
CSR-U-2	Hard-start Kit			
CSR-U-3	Hard-start Kit			X
FSK01A <sup>2</sup>	Freeze Protection Kit	X	X	X
OT18-60A <sup>3</sup>	Outdoor Thermostat/Lockout Thermostat	X	X	X
TX2N4	TXV Kit			
TX2N4A	TXV Kit			
TX3N4	TXV Kit	X		
TX5N4	TXV Kit		X	X

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

<sup>1</sup> Available in 24V legacy mode only. This feature is integrated in the communicating mode.

<sup>2</sup> Installed on indoor coil

<sup>3</sup> Available in 24V legacy mode only. This feature is integrated in the communicating mode. Required for heat pump applications where ambient temperature falls below 0 OF with 50% or higher relative humidity.

Note: Maximum number of installed accessories at the same time is limited by the size of the unit's control box.