



Air Conditioning & Heating

PRODUCT SPECIFICATIONS



UP TO 18 SEER

R-410A

COOLING CAPACITY: 35,000 - 56,500 BTU/h

HEATING CAPACITY: 33,600 - 56,400 BTU/h



*To receive the Lifetime Compressor 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. Full warranty details available at www.goodmanmfg.com.

DSZ18

SPLIT SYSTEM HEAT PUMP

The Goodman® brand DSZ18 Heat Pump uses the chlorine-free refrigerant R-410A and features energy efficiencies and operating sound levels that are among the best in the heating and cooling industry. Our quality manufacturing as well as easy installation and maintenance make this unit one of the best values on the market.

Standard Features

- R-410A chlorine-free refrigerant
- Two-Stage Copeland® UltraTech Scroll compressor
- High-density foam compressor cover
- Copeland® ComfortAlert diagnostics
- Low-pressure switch
- Fully charged for 15' of tubing length
- Factory-installed bi-flow liquid line filter dryer
- Liquid refrigerant return protection
- Super-efficient condenser fan motor
- Copper tube, enhanced aluminum fin coil
- Sweat connection service valves with easy access to gauge ports
- AHRI Certified; ETL Listed

Cabinet Features

- Goodman brand sound control top design
- Wire fan discharge grille
- Steel louver coil guard
- Baked-on powder paint finish
- Rust-resistant coated screws
- Compact footprint
- Top and side maintenance access
- Single panel access to controls with space provided for field-installed accessories
- When properly anchored, meets the 2001 Florida Building Code unit integrity requirements for hurricane-type winds (Anchor bracket kits available.)

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NOMENCLATURE

	D	S	Z	18	036	1	A	A		
	1	2	3	4,5	6,7,8	9	10	11		
Brand	D Goodman High-Feature Set, Two Stage						Engineering * Minor Revision			
Product Category	S Split System					Engineering * Major Revision				
Unit Type	X Condenser R-410A						Electrical			
	Z Heat Pump R-410A						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			
							5 380/415 V, 3 Phase, 50 Hz			
Efficiency	13 13 SEER								Nominal Capacity	
	14 14 SEER								018 1½ Tons 048 4 Tons	
	16 16 SEER								024 2 Tons 060 5 Tons	
	18 18 SEER								030 2½ Tons 090 7½ tons	
									036 3 Tons 120 10 Tons	
									042 3½ Tons	
* Neither used for order entry or inventory management.										

Important EnergyStar Notice: EnergyStar ratings are dependent upon conditions beyond equipment installation. Proper sizing and installation of equipment is critical to achieve optimal performance. Split system air conditioners and heat pumps must be matched with appropriate coil components to meet EnergyStar criteria. Ask your contractor for details or visit www.energystar.gov.

SPECIFICATIONS

	DSZ18 0361A	DSZ18 0481A	DSZ18 0601A
Cooling Capacity			
Nominal Cooling (BTU/h)	35,000	47,000	57,000
Nominal Heating (BTU/h)	35,000	47,000	57,000
Decibels	72	73	75
Compressor			
RLA	16.6	21.1	25.6
LRA	82	96	118
Condenser Fan Motor			
Horsepower (RPM)	1/3	1/3	1/3
FLA	2.80	2.80	2.80
Refrigeration System			
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	5-7°F	5-7°F	5-7°F
Subcooling at Service Valve	8-10°F	8-10°F	8-10°F
Electrical Data			
Voltage-Phase-Hz	208/230-1-60	208/230-1-60	208/230-1-60
Minimum Circuit Ampacity ¹	23.6	29.2	34.8
Max. Overcurrent Protection ²	40 amps	50 amps	60 amps
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"
Ship Weight (lbs)	285	330	350

¹ Wire size should be determined in accordance with National Electrical Codes; extensive wire runs will require larger wire sizes

² May use 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 7/8" 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.

EXPANDED COOLING DATA — DSZ180481A* HIGH STAGE (CONT.)

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
80	Airflow																							
	1969																							
	1750																							
	1531																							

85	Airflow																							
	1969																							
	1750																							
	1531																							

Shaded area is AHRI Rating conditions
 High and low pressures are measured at the liquid and suction service valves.
 IDB: Entering Indoor Dry Bulb Temperature
 kW = Total system power
 Design Subcooling 5 - 7 °F @ the liquid service valve, AHRI 95 test conditions
 Amps = outdoor unit amps (comp. +fan)

EXPANDED COOLING DATA — DSZ180601A* HIGH STAGE (CONT.)

IDB	Airflow	Outdoor Ambient Temperature																								
		65°F					75°F					85°F														
		59	63	67	71	75	59	63	67	71	75	59	63	67	71	75										
80	1969	MBh	57.3	58.6	62.6	66.9	56.0	57.2	61.1	65.3	54.6	55.8	59.6	63.8	53.3	54.5	58.2	62.2	50.6	51.7	55.3	59.1	46.9	47.9	51.2	54.7
		S/T	0.90	0.84	0.69	0.51	0.93	0.88	0.71	0.53	0.96	0.90	0.73	0.55	1.00	0.93	0.75	0.56	1.00	0.96	0.78	0.59	1.00	0.97	0.79	0.59
		ΔT	24	23	20	16	24	23	20	16	24	23	20	16	25	24	20	16	24	23	20	16	22	22	19	15
		kW	3.65	3.74	3.86	4.00	3.96	4.05	4.19	4.33	4.22	4.32	4.47	4.63	4.46	4.56	4.72	4.89	4.66	4.77	4.93	5.11	4.83	4.94	5.12	5.30
		Amps	7.4	7.8	8.3	8.8	8.6	9.0	9.5	10.1	9.9	10.4	10.9	11.6	11.1	11.5	12.2	12.9	12.3	12.7	13.4	14.2	13.4	13.9	14.6	15.4
	1750	HiPR	223	240	253	264	250	269	284	296	284	306	323	337	324	349	368	384	364	392	414	432	403	433	458	477
		LoPR	103	109	119	127	109	116	126	134	113	120	131	140	119	126	138	147	124	132	144	154	129	137	149	159
		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
		S/T	0.86	0.81	0.66	0.49	0.89	0.83	0.68	0.51	0.91	0.86	0.70	0.52	0.94	0.88	0.72	0.54	0.98	0.92	0.75	0.56	0.99	0.92	0.75	0.56
		ΔT	25	24	21	17	25	24	21	17	25	24	21	17	26	25	21	17	25	24	21	17	24	23	20	16
1531	kW	3.62	3.71	3.83	3.96	3.92	4.01	4.15	4.29	4.19	4.28	4.43	4.59	4.42	4.52	4.68	4.85	4.62	4.73	4.89	5.06	4.79	4.90	5.07	5.25	
	Amps	7.3	7.7	8.1	8.7	8.5	8.8	9.4	10.0	9.8	10.2	10.8	11.4	10.9	11.4	12.0	12.7	12.1	12.6	13.2	14.0	13.2	13.7	14.4	15.2	
	HiPR	221	237	251	262	248	266	281	293	282	303	320	334	321	345	364	380	361	388	410	428	399	429	453	472	
	LoPR	102	108	118	126	108	114	125	133	112	119	130	138	117	125	136	145	123	131	143	152	127	135	148	157	
	MBh	51.4	52.5	56.1	59.9	50.2	51.3	54.8	58.5	49.0	50.0	53.5	57.1	47.8	48.8	52.1	55.7	45.4	46.4	49.5	53.0	42.0	43.0	45.9	49.1	

IDB	Airflow	Outdoor Ambient Temperature																								
		65°F					75°F					85°F														
		59	63	67	71	75	59	63	67	71	75	59	63	67	71	75										
85	1969	MBh	58.3	59.4	62.2	66.4	56.9	58.1	60.8	64.9	55.6	56.7	59.4	63.3	54.2	55.3	57.9	61.8	51.5	52.5	55.0	58.7	47.7	48.7	51.0	54.4
		S/T	0.94	0.91	0.82	0.67	0.98	0.94	0.85	0.69	1.00	0.97	0.87	0.71	1.00	1.00	0.90	0.73	1.00	1.00	0.94	0.76	1.00	1.00	0.94	0.77
		ΔT	26	25	24	21	26	26	24	21	26	26	24	21	25	26	24	21	24	25	24	21	22	23	22	19
		kW	3.69	3.77	3.90	4.03	3.99	4.08	4.22	4.37	4.26	4.36	4.51	4.67	4.50	4.60	4.76	4.93	4.70	4.81	4.98	5.16	4.87	4.99	5.16	5.35
		Amps	7.6	7.9	8.4	9.0	8.7	9.1	9.7	10.3	10.1	10.5	11.1	11.8	11.3	11.7	12.3	13.1	12.4	12.9	13.6	14.4	13.6	14.1	14.8	15.6
	1750	HiPR	225	242	256	267	253	272	287	299	287	309	326	340	327	352	372	388	368	396	418	436	407	438	462	482
		LoPR	104	111	121	128	110	117	127	136	114	121	132	141	120	127	139	148	126	134	146	155	130	138	151	161
		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
		S/T	0.90	0.87	0.78	0.64	0.93	0.90	0.81	0.66	0.96	0.92	0.83	0.68	0.99	0.95	0.86	0.70	1.00	0.99	0.89	0.72	1.00	1.00	0.90	0.73
		ΔT	27	26	25	22	27	27	25	22	27	27	25	22	27	27	25	22	26	27	25	22	24	25	23	20
1531	kW	3.65	3.74	3.86	4.00	3.96	4.05	4.19	4.33	4.22	4.32	4.47	4.63	4.46	4.56	4.72	4.89	4.66	4.77	4.93	5.11	4.83	4.94	5.12	5.30	
	Amps	7.4	7.8	8.3	8.8	8.6	9.0	9.5	10.1	9.9	10.4	10.9	11.6	11.1	11.5	12.2	12.9	12.3	12.7	13.4	14.2	13.4	13.9	14.6	15.4	
	HiPR	223	240	253	264	250	269	284	296	284	306	323	337	324	349	368	384	364	392	414	432	403	433	458	477	
	LoPR	103	109	119	127	109	116	126	134	113	120	131	140	119	126	138	147	124	132	144	154	129	137	149	159	
	MBh	52.2	53.3	55.8	59.5	51.0	52.0	54.5	58.1	49.8	50.8	53.2	56.7	48.6	49.5	51.9	55.4	46.2	47.1	49.3	52.6	42.8	43.6	45.7	48.7	

Shaded area is AHRI Rating conditions
 High and low pressures are measured at the liquid and suction service valves.
 IDB: Entering Indoor Dry Bulb Temperature
 kW = Total system power
 ΔT = Design Subcooling 5 - 7 °F @ the liquid service valve, AHRI 95 test conditions
 Amps = outdoor unit amps (comp. + fan)

EXPANDED HEATING DATA — Low Stage

DSZ180361A* / CA*F3642C6A*+TXV/ MBE1600**-1

	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
HI PR	393	377	362	346	338	332	319	306	293	280	269	262	258	248	238	229	221	213
LO PR	145	134	126	116	109	105	97	86	78	69	61	57	55	46	40	34	29	23

DSZ180481A* / CA*F4860*6A*+TXV/ MBE2000**-1

	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
HI PR	391	375	360	344	336	330	317	304	292	278	267	261	256	247	237	227	219	212
LO PR	145	134	126	115	109	105	97	86	78	69	61	57	55	46	40	34	29	23

DSZ180601A* / CA*F4860*6A*+TXV/ MBE2000**-1

	Outdoor Ambient Temperature																	
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10
MBh	52.0	49.2	46.3	43.3	41.4	40.1	37.2	34.3	32.6	30.1	27.7	26.1	25.2	22.6	20.0	17.5	14.9	12.2
ΔT	40.1	38.0	35.7	33.4	31.9	30.9	28.7	26.5	25.1	23.2	21.4	20.2	19.4	17.4	15.5	13.5	11.5	9.4
kW	3.66	3.58	3.50	3.42	3.4	3.34	3.26	3.18	3.23	3.15	3.06	3.01	2.98	2.90	2.81	2.73	2.65	2.57
Amps	17.5	16.2	15.1	14.2	13.6	13.4	12.6	11.9	11.3	10.8	10.3	10.0	9.8	9.3	8.6	8.1	7.4	6.6
COP	4.16	4.02	3.87	3.71	3.59	3.51	3.34	3.16	2.95	2.80	2.64	2.54	2.47	2.28	2.08	1.87	1.65	1.39
EER	14.2	13.7	13.2	12.7	12.3	12.0	11.4	10.8	10.1	9.6	9.0	8.7	8.4	7.8	7.1	6.4	5.6	4.8
HI PR	421	403	388	371	362	355	341	328	314	300	288	281	276	265	255	245	236	228
LO PR	138	128	120	110	104	100	92	82	74	66	58	54	52	44	38	32	28	22

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 — HIGH STAGE

DSZ180361A* / CA*F3642C6A*+TXV/ MBE1600**-1

	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
HI PR	400	383	369	352	344	338	324	311	298	285	274	267	262	252	243	233	224	216
LO PR	143	132	124	114	108	104	95	85	77	68	60	56	54	46	39	33	29	23

DSZ180481A* / CA*F4860*6A*+TXV/ MBE2000**-1

	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
HI PR	398	382	367	351	343	336	323	310	297	284	272	266	261	251	241	232	223	215
LO PR	137	127	119	109	103	99	91	81	73	65	57	53	51	44	38	32	28	22

DSZ180601A* / CA*F4860*6A*+TXV/ MBE2000**-1

	Outdoor Ambient Temperature																	
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10
MBh	71.6	67.8	63.8	59.7	57.0	55.2	51.3	47.3	46.7	43.1	39.7	37.5	36.1	32.4	28.7	25.0	21.4	17.5
ΔT	37.9	35.9	33.8	31.6	30.2	29.2	27.1	25.0	24.7	22.8	21.0	19.8	19.1	17.1	15.2	13.2	11.3	9.3
kW	4.94	4.84	4.73	4.63	4.6	4.52	4.42	4.32	4.28	4.17	4.07	4.00	3.96	3.85	3.75	3.65	3.54	3.44
Amps	24.5	22.1	20.2	18.6	17.6	17.1	15.7	14.5	13.6	12.6	11.7	11.2	10.9	10.0	8.8	7.9	6.7	5.3
COP	4.24	4.10	3.95	3.77	3.65	3.57	3.40	3.21	3.19	3.02	2.86	2.74	2.66	2.46	2.24	2.01	1.77	1.49
EER	14.5	14.0	13.5	12.9	12.5	12.2	11.6	11.0	10.9	10.3	9.8	9.4	9.1	8.4	7.7	6.9	6.0	5.1
HI PR	421	403	388	371	362	355	342	328	314	300	288	281	276	265	255	245	236	228
LO PR	127	118	111	102	96	92	85	76	68	61	54	50	48	41	35	30	26	20

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 PERFORMANCE RATINGS

Outdoor Unit	Indoor Units		Cooling Capacity			TVA Ratings			Heating Capacity		AHRI #
	Coil / Blower	Furnace	Total	Sensible	SEER ¹	EER ²	Total	Sensible	High	Low	
DSZ18 0361A*	AEPF313716A*+TXV		35,000	26,600	18.0	13.0	32,400	26,200	35,000	9.25	20,400
	AEPF426016C*+TXV		35,000	26,600	18.0	13.0	32,400	26,200	35,000	9.25	20,400
	CA*F3743*6A*+MBE1600**-1B*+TXV		35,000	26,600	18.0	13.0	32,400	26,200	35,000	9.5	20,400
	CA*F3743*6A*+MBE2000**-1B*+TXV		35,000	26,600	18.0	13.0	32,400	26,200	35,000	9.25	20,400
	CA*F3743*6A*+TXV	A*V80704B**	34,600	26,300	17.5	12.5	32,000	25,900	35,000	9.25	20,000
	CA*F3743*6A*+TXV	A*V80905C**	34,600	26,300	17.5	12.5	32,000	25,900	35,000	9.25	20,000
	CA*F3743*6A*+TXV	A*V81155C**	34,600	26,300	17.5	12.5	32,000	25,900	35,000	9.25	20,000
	CA*F3743*6A*+TXV	G*V95453B**	34,600	26,300	17.5	12.5	32,000	25,900	35,000	9.25	20,000
	CA*F3743*6A*+TXV	G*V950704C**	34,600	26,300	17.5	12.5	32,000	25,900	35,000	9.25	20,000
	CA*F3743*6A*+TXV	G*V950905D**	35,000	26,600	18.0	13.0	32,400	26,200	35,000	9.25	20,400
	CA*F3743*6A*+TXV	G*V951155D**	35,000	26,600	18.0	13.0	32,400	26,200	35,000	9.25	20,400
	CA*F4860*6B*+TXV	A*V80905C**	35,000	26,600	17.5	12.5	32,400	26,200	35,000	9.25	20,000
	CA*F4961*6A*+MBE1600**-1B*+TXV		35,000	26,600	18.0	13.0	32,400	26,200	35,000	9.5	20,000
	CA*F4961*6A*+MBE2000**-1B*+TXV		35,000	26,600	18.0	13.0	32,400	26,200	35,000	9.25	20,400
	CA*F4961*6A*+TXV	A*V80704B**	34,600	26,300	17.5	12.5	32,000	25,900	35,000	9.25	20,000
	CA*F4961*6A*+TXV	A*V80905C**	34,600	26,300	17.5	12.5	32,000	25,900	35,000	9.25	20,000
	CA*F4961*6A*+TXV	A*V81155C**	34,600	26,300	17.5	12.5	32,000	25,900	35,000	9.25	20,000
	CA*F4961*6A*+TXV	G*V95453B**	34,600	26,300	17.5	12.5	32,000	25,900	35,000	9.25	20,000
	CA*F4961*6A*+TXV	G*V950704C**	34,600	26,300	17.5	12.5	32,000	25,900	35,000	9.25	20,000
	CA*F4961*6A*+TXV	G*V950905D**	35,000	26,600	18.0	13.0	32,400	26,200	35,000	9.25	20,000
	CA*F4961*6A*+TXV	G*V951155D**	35,000	26,600	18.0	13.0	32,400	26,200	35,000	9.5	20,400
	CHPF3743C6A*+MBE1600**-1B*+TXV		35,000	26,600	18.0	13.0	32,400	26,200	35,000	9.25	20,000
	CHPF3743C6A*+TXV	A*V80704B**	34,600	26,300	17.5	12.5	32,000	25,900	35,000	9.25	20,000
	CHPF3743C6A*+TXV	A*V80905C**	34,600	26,300	17.5	12.5	32,000	25,900	35,000	9.25	20,000
	CHPF3743C6A*+TXV	A*V81155C**	34,600	26,300	17.5	12.5	32,000	25,900	35,000	9.25	20,000
	CHPF3743C6A*+TXV	G*V95453B**	34,600	26,300	17.5	12.5	32,000	25,900	35,000	9.25	20,000
	CHPF3743C6A*+TXV	G*V950704C**	34,600	26,300	17.5	12.5	32,000	25,900	35,000	9.25	20,000
	CHPF3743C6B*+MBE1600**-1B*+TXV		35,000	26,600	18.0	13.0	32,400	26,200	35,000	9.5	20,400
CHPF3743C6B*+TXV	A*V80704B**	34,600	26,300	17.5	12.5	32,000	25,900	35,000	9.25	20,000	
CHPF3743C6B*+TXV	A*V80905C**	34,600	26,300	17.5	12.5	32,000	25,900	35,000	9.25	20,000	
CHPF3743C6B*+TXV	A*V81155C**	34,600	26,300	17.5	12.5	32,000	25,900	35,000	9.25	20,000	
CHPF3743C6B*+TXV	G*V95453B**	34,600	26,300	17.5	12.5	32,000	25,900	35,000	9.25	20,000	
CHPF3743C6B*+TXV	G*V950704C**	34,600	26,300	17.5	12.5	32,000	25,900	35,000	9.25	20,000	
CHPF3743D6A*+MBE2000**-1B*+TXV		35,000	26,600	18.0	13.0	32,400	26,200	35,000	9.25	20,000	
CHPF3743D6A*+TXV	A*V80905C**	34,600	26,300	17.5	12.5	32,000	25,900	35,000	9.25	20,000	
CHPF3743D6A*+TXV	A*V81155C**	34,600	26,300	17.5	12.5	32,000	25,900	35,000	9.25	20,000	
CHPF3743D6A*+TXV	G*V950704C**	34,600	26,300	17.5	12.5	32,000	25,900	35,000	9.25	20,000	
CHPF3743D6A*+TXV	G*V950905D**	35,000	26,600	18.0	13.0	32,400	26,200	35,000	9.25	20,400	
CHPF3743D6A*+TXV	G*V951155D**	35,000	26,600	18.0	13.0	32,400	26,200	35,000	9.25	20,000	

See **Notes** on Page 20.

AHRI PERFORMANCE RATINGS (CONT.)

Outdoor Unit	Indoor Units		Cooling Capacity			TVA Ratings			Heating Capacity			AHRI #
	Coil / Blower	Furnace	Total	Sensible	SEER ¹	EER ²	Total	Sensible	High	HSPF ³	Low	
DSZ18 0361A* (cont.)	CHPF3743D6B**+MBE2000**-1B**+TXV	A*V80905C**	35,000	26,600	18.0	13.0	32,400	26,200	35,000	9.25	20,000	3407487
	CHPF3743D6B**+TXV	A*V80905C**	34,600	26,300	17.5	12.5	32,000	25,900	35,000	9.25	20,000	3407488
	CHPF3743D6B**+TXV	A*V81155C**	34,600	26,300	17.5	12.5	32,000	25,900	35,000	9.25	20,000	3407489
	CHPF3743D6B**+TXV	G*V950704C**	34,600	26,300	17.5	12.5	32,000	25,900	35,000	9.25	20,000	3407490
	CHPF3743D6B**+TXV	G*V950905D**	35,000	26,600	18.0	13.0	32,400	26,200	35,000	9.25	20,400	3407491
	CHPF3743D6B**+TXV	G*V951155D**	35,000	26,600	18.0	13.0	32,400	26,200	35,000	9.25	20,000	3407492
	CHPF4860D6C**+MBE2000**-1B**+TXV	A*V80905C**	35,000	26,600	18.0	13.0	32,400	26,200	35,000	9.25	20,000	3407493
	CHPF4860D6C**+TXV	A*V80905C**	34,600	26,300	17.5	12.5	32,000	25,900	35,000	9.25	20,000	3407494
	CHPF4860D6C**+TXV	A*V81155C**	34,600	26,300	17.5	12.5	32,000	25,900	35,000	9.25	20,000	3407495
	CHPF4860D6C**+TXV	G*V950704C**	34,600	26,300	17.5	12.5	32,000	25,900	35,000	9.25	20,000	3407496
	CHPF4860D6C**+TXV	G*V950905D**	35,000	26,600	18.0	13.0	32,400	26,200	35,000	9.25	20,000	3407497
	CHPF4860D6C**+TXV	G*V951155D**	35,000	26,600	18.0	13.0	32,400	26,200	35,000	9.25	20,000	3407498
	CHPF4860D6D**+MBE2000**-1B**+TXV	A*V80905C**	35,000	26,600	18.0	13.0	32,400	26,200	35,000	9.25	20,000	3407499
	CHPF4860D6D**+TXV	A*V80905C**	34,600	26,300	17.5	12.5	32,000	25,900	35,000	9.25	20,000	3407500
	CHPF4860D6D**+TXV	A*V81155C**	34,600	26,300	17.5	12.5	32,000	25,900	35,000	9.25	20,000	3407501
	CHPF4860D6D**+TXV	G*V950704C**	34,600	26,300	17.5	12.5	32,000	25,900	35,000	9.25	20,000	3407502
	CHPF4860D6D**+TXV	G*V950905D**	35,000	26,600	18.0	13.0	32,400	26,200	35,000	9.25	20,000	3407503
	CHPF4860D6D**+TXV	G*V951155D**	35,000	26,600	18.0	13.0	32,400	26,200	35,000	9.25	20,000	3407504
	CHTF3743C6A**+MBE1600**-1B**+TXV	A*V80905C**	34,600	26,300	18.0	13.0	32,000	25,900	35,000	9.5	20,400	3407505
	CHTF3743D6A**+MBE2000**-1B**+TXV	A*V81155C**	34,600	26,300	18.0	13.0	32,000	25,900	35,000	9.2	20,000	3407506
	CHTF4860D6A**+MBE2000**-1B**+TXV	G*V950905D**	35,000	26,600	18.0	13.0	32,400	26,200	35,000	9.2	20,000	3407507
	CSCF3642N6C**+TXV	A*V80704B**	34,600	26,300	17.5	12.5	32,000	25,900	35,000	9.25	20,000	3407508
	CSCF3642N6C**+TXV	A*V80905C**	34,600	26,300	17.5	12.5	32,000	25,900	35,000	9.25	20,000	3407509
	CSCF3642N6C**+TXV	A*V81155C**	34,600	26,300	17.5	12.5	32,000	25,900	35,000	9.25	20,000	3407510
	CSCF3642N6C**+TXV	G*V95453B**	34,600	26,300	17.5	12.5	32,000	25,900	35,000	9.25	20,000	3407511
	CSCF3642N6C**+TXV	G*V950704C**	34,600	26,300	17.5	12.5	32,000	25,900	35,000	9.25	20,000	3407512
	CSCF3642N6C**+TXV	G*V950905D**	35,000	26,600	18.0	13.0	32,400	26,200	35,000	9.25	20,400	3407513
	CSCF3642N6C**+TXV	G*V951155D**	35,000	26,600	18.0	13.0	32,400	26,200	35,000	9.25	20,400	3407514
	CSCF4860N6C**+TXV	A*V80704B**	34,600	26,300	17.5	12.5	32,000	25,900	35,000	9.25	20,000	3407515
	CSCF4860N6C**+TXV	A*V80905C**	34,600	26,300	17.5	12.5	32,000	25,900	35,000	9.25	20,000	3407516
	CSCF4860N6C**+TXV	A*V81155C**	34,600	26,300	17.5	12.5	32,000	25,900	35,000	9.25	20,000	3407517
	CSCF4860N6C**+TXV	G*V95453B**	34,600	26,300	17.5	12.5	32,000	25,900	35,000	9.25	20,000	3407518
CSCF4860N6C**+TXV	G*V950704C**	34,600	26,300	17.5	12.5	32,000	25,900	35,000	9.25	20,000	3407519	
CSCF4860N6C**+TXV	G*V950905D**	35,000	26,600	18.0	13.0	32,400	26,200	35,000	9.25	20,000	3407520	
CSCF4860N6C**+TXV	G*V951155D**	35,000	26,600	18.0	13.0	32,400	26,200	35,000	9.25	20,000	3407521	
CT*F3642*6A**+MBE1600**-1B**+TXV	A*V80905C**	34,600	26,300	18.0	13.0	32,000	25,900	35,000	9.5	20,400	3407522	
CT*F4860*6A**+MBE2000**-1B**+TXV	A*V81155C**	35,000	26,600	18.0	13.0	32,400	26,200	35,000	9.25	20,000	3407523	
CSCF3642N6C**+MBE1600**-1B**+TXV	G*V95453B**	35,000	26,600	18.0	13.0	32,400	26,200	35,000	9.5	20,400	3407591	
CT*F4860*6A**+MBE1600**-1B**+TXV	G*V951155D**	35,000	26,600	18.0	13.0	32,400	26,200	35,000	9.5	20,000	3407592	

See **Notes** on Page 20.

AHRI PERFORMANCE RATINGS (CONT.)

Outdoor Unit	Indoor Units		Cooling Capacity		TVA Ratings		Heating Capacity		AHRI #			
	Coil / Blower	Furnace	Total	Sensible	SEER ¹	EER ²	Total	Sensible		High	Low	HSPF ³
DSZ18 0481A*	AEPF426016C**+TXV		47,000	35,300	17.5	12.5	43,500	34,800	47,000	29,000	9.25	3407524
	CA*F4961*6A**+MBE1600**-1B**+TXV		47,000	35,300	17.5	12.5	43,500	34,800	47,000	29,000	9.25	3407525
	CA*F4961*6A**+MBE2000**-1B**+TXV		47,500	35,600	18.0	13.0	43,900	35,100	47,500	29,600	9.5	3407526
	CA*F4961*6A**+TXV	A*V80905C**	47,000	35,300	17.5	12.5	43,500	34,800	47,000	29,000	9.25	3407527
	CA*F4961*6A**+TXV	A*V81155C**	47,000	35,300	17.5	12.5	43,500	34,800	47,000	29,000	9.25	3407528
	CA*F4961*6A**+TXV	G*V950704C**	47,000	35,300	17.5	12.5	43,500	34,800	47,000	29,000	9.25	3407529
	CA*F4961*6A**+TXV	G*V950905D**	47,000	35,300	17.5	12.5	43,500	34,800	47,000	29,000	9.25	3407530
	CA*F4961*6A**+TXV	G*V951155D**	47,000	35,300	17.8	12.5	43,500	34,800	47,000	29,000	9.25	3407531
	CHPF4860D6C**+MBE2000**-1B**+TXV		47,500	35,600	18.0	13.0	43,900	35,100	47,500	29,600	9.5	3407532
	CHPF4860D6C**+TXV	A*V80905C**	47,000	35,300	17.5	12.5	43,500	34,800	47,000	29,000	9.25	3407533
	CHPF4860D6C**+TXV	A*V81155C**	47,000	35,300	17.5	12.5	43,500	34,800	47,000	29,000	9.25	3407534
	CHPF4860D6C**+TXV	A*V90704C**	47,000	35,300	17.5	12.5	43,500	34,800	47,000	29,000	9.25	3407535
	CHPF4860D6C**+TXV	A*V90905D**	47,000	35,300	17.5	12.5	43,500	34,800	47,000	29,000	9.25	3407536
	CHPF4860D6C**+TXV	A*V91155D**	47,000	35,300	17.8	12.5	43,500	34,800	47,000	29,000	9.25	3407537
	CHPF4860D6D**+MBE2000**-1B**+TXV		47,500	35,600	18.0	13.0	43,900	35,100	47,500	29,600	9.5	3407538
	CHPF4860D6D**+TXV	A*V80905C**	47,000	35,300	17.5	12.5	43,500	34,800	47,000	29,000	9.25	3407539
	CHPF4860D6D**+TXV	A*V81155C**	47,000	35,300	17.5	12.5	43,500	34,800	47,000	29,000	9.25	3407540
	CHPF4860D6D**+TXV	G*V950704C**	47,000	35,300	17.5	12.5	43,500	34,800	47,000	29,000	9.25	3407541
	CHPF4860D6D**+TXV	G*V950905D**	47,000	35,300	17.5	12.5	43,500	34,800	47,000	29,000	9.25	3407542
	CHPF4860D6D**+TXV	G*V951155D**	47,000	35,300	17.8	12.5	43,500	34,800	47,000	29,000	9.25	3407543
	CHTF4860D6A**+MBE2000**-1B**+TXV		47,000	35,300	18.0	13.0	43,500	34,800	47,500	29,600	9.5	3407544
	CSCF4860N6C**+TXV	A*V80905C**	47,000	35,300	17.5	12.5	43,500	34,800	47,000	29,000	9.25	3407545
	CSCF4860N6C**+TXV	A*V81155C**	47,000	35,300	17.5	12.5	43,500	34,800	47,000	29,000	9.25	3407546
	CSCF4860N6C**+TXV	G*V950704C**	47,000	35,300	17.5	12.5	43,500	34,800	47,000	29,000	9.25	3407547
	CSCF4860N6C**+TXV	G*V950905D**	47,000	35,300	17.5	12.5	43,500	34,800	47,000	29,000	9.25	3407548
	CSCF4860N6C**+TXV	G*V951155D**	47,000	35,300	17.8	12.5	43,500	34,800	47,000	29,000	9.25	3407549
	CT*F4860*6A**+MBE2000**-1B**+TXV		47,000	35,300	18.0	13.0	43,500	34,800	47,500	29,600	9.5	3407550
	CSCF4860N6C**+MBE2000**-1B**+TXV		47,500	35,600	18.0	13.0	43,900	35,100	47,500	29,600	9.5	3407553
CT*F4860*6A**+MBE1600**-1B**+TXV		47,000	35,300	17.5	12.5	43,500	34,800	47,000	29,000	9.25	3407594	

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

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

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

⁴ 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

AHRI PERFORMANCE RATINGS (CONT.)

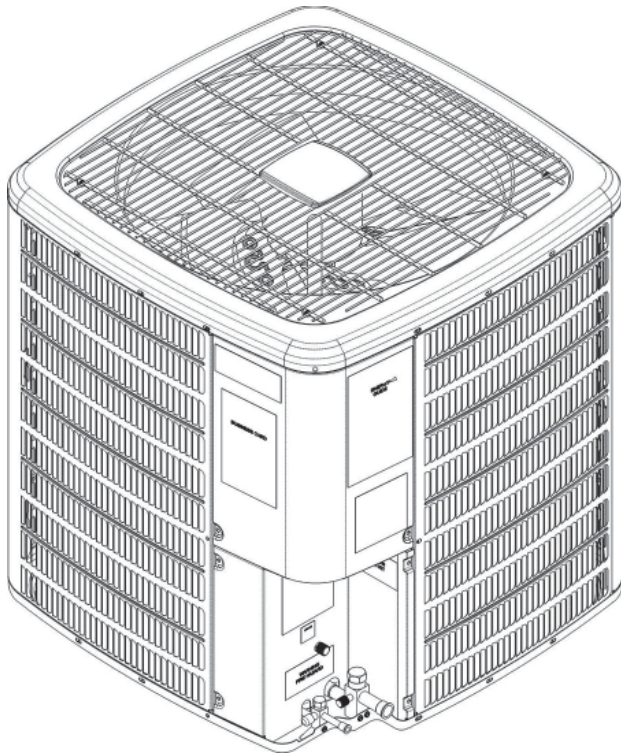
Outdoor Unit	Indoor Units		Cooling Capacity		TVA Ratings		Heating Capacity		AHRI #		
	Coil / Blower	Furnace	Total	Sensible	SEER ¹	EER ²	Total	Sensible		High	HSPF ³
DSZ18 0601A*	AEPF426016C**+TXV		56,000	40,300	16.0	12.5	51,800	39,900	56,000	9	35,000
	CA*F4961*6A**+MBE2000**-1B**+TXV		57,000	41,000	17.0	12.5	52,700	40,600	57,000	9.5	36,400
	CA*F4961*6A**+TXV	A*V80905C**	57,000	41,000	16.0	12.0	52,700	40,600	57,000	9.25	35,000
	CA*F4961*6A**+TXV	A*V81155C**	57,000	41,000	16.0	12.0	52,700	40,600	57,000	9.25	35,000
	CA*F4961*6A**+TXV	G*V950905D**	57,000	41,000	16.0	12.0	52,700	40,600	57,000	9.25	35,000
	CA*F4961*6A**+TXV	G*V951155D**	57,000	41,000	16.0	12.0	52,700	40,600	57,000	9.25	35,000
	CHPF4860D6C**+MBE2000**-1B**+TXV		57,000	41,000	17.0	12.5	52,700	40,600	57,000	9.5	36,400
	CHPF4860D6C**+TXV	A*V80905C**	57,000	41,000	16.0	12.0	52,700	40,600	57,000	9.25	35,000
	CHPF4860D6C**+TXV	A*V81155C**	57,000	41,000	16.0	12.0	52,700	40,600	57,000	9.25	35,000
	CHPF4860D6C**+TXV	G*V950905D**	57,000	41,000	16.0	12.0	52,700	40,600	57,000	9.25	35,000
	CHPF4860D6C**+TXV	G*V951155D**	57,000	41,000	16.0	12.0	52,700	40,600	57,000	9.25	35,000
	CHPF4860D6D**+MBE2000**-1B**+TXV		57,000	41,000	17.0	12.5	52,700	40,600	57,000	9.5	36,400
	CHPF4860D6D**+TXV	A*V80905C**	57,000	41,000	16.0	12.0	52,700	40,600	57,000	9.25	35,000
	CHPF4860D6D**+TXV	A*V81155C**	57,000	41,000	16.0	12.0	52,700	40,600	57,000	9.25	35,000
	CHPF4860D6D**+TXV	G*V950905D**	57,000	41,000	16.0	12.0	52,700	40,600	57,000	9.25	35,000
	CHPF4860D6D**+TXV	G*V951155D**	57,000	41,000	16.0	12.0	52,700	40,600	57,000	9.25	35,000
CHTF4860D6A**+MBE2000**-1B**+TXV		57,000	41,000	17.0	12.5	52,700	40,600	57,000	9.5	36,400	
CSCF4860N6C**+TXV	A*V80905C**	57,000	41,000	16.0	12.0	52,700	40,600	57,000	9.25	35,000	
CSCF4860N6C**+TXV	A*V81155C**	57,000	41,000	16.0	12.0	52,700	40,600	57,000	9.25	35,000	
CSCF4860N6C**+TXV	G*V950905D**	57,000	41,000	16.0	12.0	52,700	40,600	57,000	9.25	35,000	
CSCF4860N6C**+TXV	G*V951155D**	57,000	41,000	16.0	12.0	52,700	40,600	57,000	9.25	35,000	
CT*F4860*6A**+MBE2000**-1B**+TXV		57,000	41,000	17.0	12.5	52,700	40,600	57,000	9.5	36,400	
CSCF4860N6C**+MBE2000**-1B**+TXV		57,000	41,000	17.0	12.5	52,700	40,600	57,000	9.5	36,400	

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

Notes:

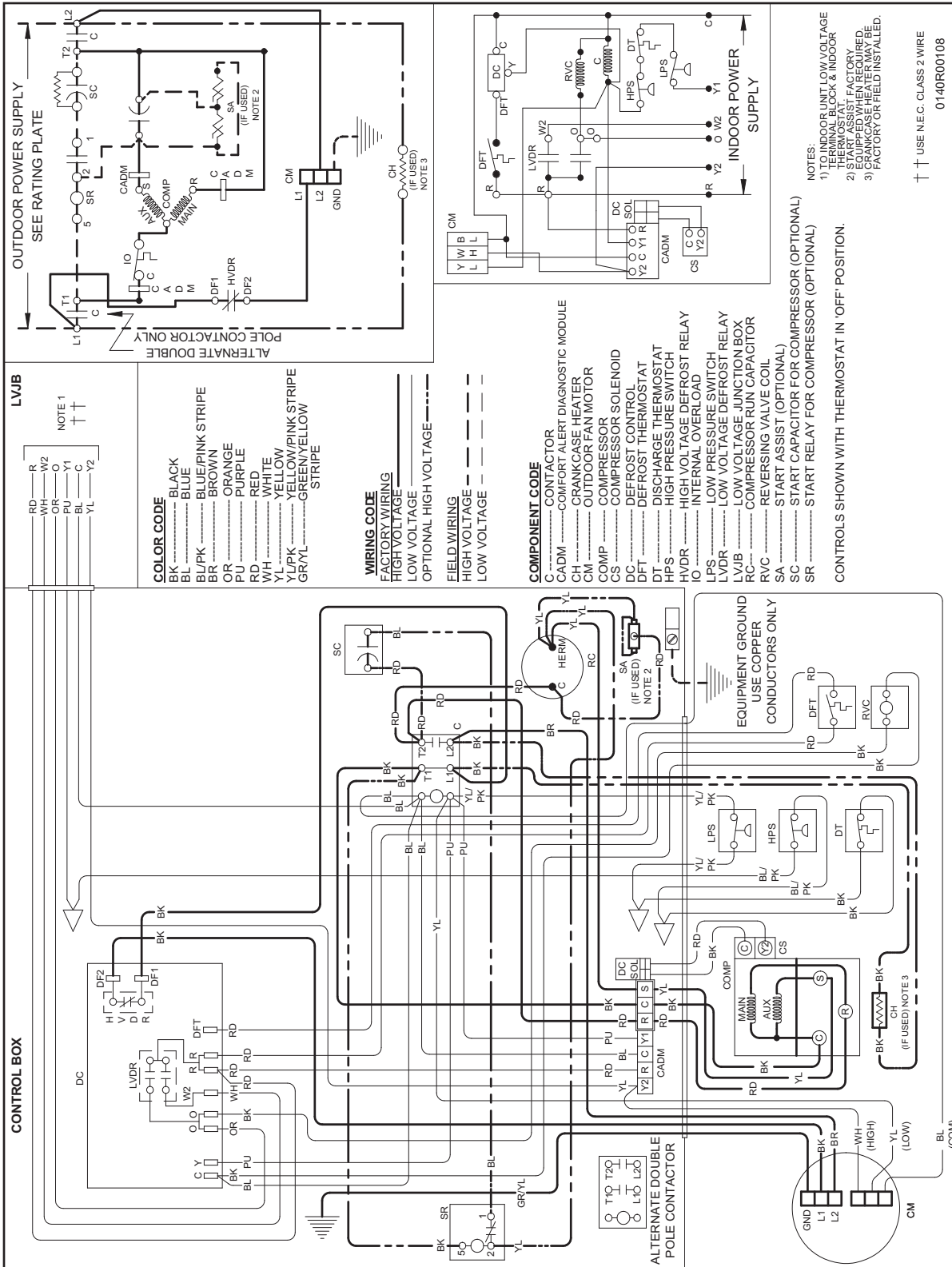
- Always check the S&R plate for electrical data on the unit being installed.
- When matching the outdoor unit to the indoor unit, use the piston supplied with the outdoor unit or that specified on the piston kit chart supplied with the indoor unit.
- EEP - Order from Service Dept. Part No. B13707-38 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	W"	D"	H"
DSZ180361A	35½	35½	38¼
DSZ180481A	35½	35½	38¼
DSZ180601A	35½	35½	38¼

DSZ18 WIRING DIAGRAM



- LVJB**
- RD R
 - WH W2
 - BR Y1
 - PK C
 - BL L2
 - YL Y2

NOTE 1
 ††

COLOR CODE

- BK BLACK
- BL BLUE
- BL/PK BLUE/PINK STRIPE
- BR BROWN
- OR ORANGE
- PU PURPLE
- RD RED
- WH WHITE
- YL YELLOW
- YL/PK YELLOW/PINK STRIPE
- GR/YL GREEN/YELLOW STRIPE

WIRING CODE

- HIGH VOLTAGE
- LOW VOLTAGE
- OPTIONAL HIGH VOLTAGE
- FIELD WIRING
- HIGH VOLTAGE
- LOW VOLTAGE

COMPONENT CODE

- C CONTACTOR
- CADM COMFORT ALERT DIAGNOSTIC MODULE
- CH CRANKCASE HEATER
- CM OUTDOOR FAN MOTOR
- COMP COMPRESSOR
- DC COMPRESSOR SOLENOID
- DFST DEFROST CONTROL
- DFT DEFROST THERMOSTAT
- DT DISCHARGE THERMOSTAT
- HPS HIGH PRESSURE SWITCH
- HVDR HIGH VOLTAGE DEFROST RELAY
- IO INTERVAL OVERLOAD
- LPS LOW PRESSURE SWITCH
- LVDR LOW VOLTAGE DEFROST RELAY
- LVJB LOW VOLTAGE JUNCTION BOX
- RC COMPRESSOR RUN CAPACITOR
- RVC REVERSING VALVE COIL
- SA START ASSIST (OPTIONAL)
- SC START RELAY FOR COMPRESSOR (OPTIONAL)
- SR START RELAY FOR THERMOSTAT IN 'OFF' POSITION.

CONTROLS SHOWN WITH THERMOSTAT IN 'OFF' POSITION.

NOTES:
 1) INDOOR UNIT, LOW VOLTAGE TERMINAL BLOCK & INDOOR THERMOSTAT
 2) EQUIPPED WITH FACTORY WIRE
 3) CRANKCASE HEATER MAY BE FACTORY OR FIELD INSTALLED.

†† USE NEC CLASS 2 WIRE
 0140R00108



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	DSZ18 036	DSZ18 048	DSZ18 060
ABK-20	Anchor Bracket Kit ▼	X	X	X
ASC01	Anti-Short Cycle Kit	X	X	X
CSR-U-1	Hard-start Kit	X		
CSR-U-2	Hard-start Kit	X	X	X
CSR-U-3	Hard-start Kit		X	X
FSK01A ¹	Freeze Protection Kit	X	X	X
OT18-60A ²	Outdoor Thermostat w/ Lockout Stat	X	X	X
TX3N4 ³	TXV Kit	X		
TX5N4 ³	TXV Kit		X	X

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

¹ Installed on indoor coil

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

³ Field-installed, non-bleed, expansion valve kit — Condensing units and heat pumps with reciprocating compressors require the use of start-assist components when used in conjunction with an indoor coil using a non-bleed thermal expansion valve refrigerant metering device.

