



Air Conditioning & Heating

PRODUCT SPECIFICATIONS



UP TO 16 SEER

R-410A

COOLING CAPACITY: 24,000 - 57,000 BTU/H

HEATING CAPACITY: 24,000 - 57,000 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. Registration not required in all states. Full warranty details available at www.goodmanmfg.com.

DSZ16

SPLIT SYSTEM HEAT PUMP

The Goodman® brand DSZ16 Heat Pumps use the chlorine-free refrigerant R-410A and offer energy efficiencies and operating sound levels that are among the best in the heating and cooling industry. Our quality manufacturing and 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
- Loss-of-charge switch
- High-pressure switch
- Fully charged for 15' of tubing length
- Factory-installed bi-flow liquid line filter dryer
- Liquid refrigerant return protection
- Two-speed condenser fan motor
- Copper tubing/enhanced aluminum fin coil
- Sweat connection service valves with easy access to gauge ports
- AHRI Certified; ETL Listed

Cabinet Features

- 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 2001 Florida Building Code unit integrity requirements for hurricane-type winds (Anchor bracket kits available.)

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NOMENCLATURE

	D	S	Z	16	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 Z Heat Pump R-410A						Electrical		
							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 14 14 SEER 16 16 SEER 18 18 SEER						Nominal Capacity		
							018	1½ Tons	048 4 Tons
							024	2 Tons	060 5 Tons
							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. 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

	DSZ16 0241A	DSZ16 0361A	DSZ16 0481A	DSZ16 0601A
Capacities and Ratings				
Nominal Cooling (BTU/h)	24,000	36,000	48,000	60,000
Nominal Heating (BTU/h)	24,000	36,000	48,000	60,000
Decibels	72	73	74	75
Compressor				
RLA	10.3	16.7	21.2	25.6
LRA	52	82.0	96.0	118.0
Condenser Fan Motor				
Horsepower	1/6	1/6	1/6	1/6
FLA	1	1	1	1
Refrigeration System				
Refrigerant Line Size ¹				
Liquid Line Size ("O.D.)	3/8"	3/8"	3/8"	3/8"
Suction Line Size ("O.D.)	3/4"	7/8"	1 1/8"	1 1/8"
Refrigerant Connection Size				
Liquid Valve Size ("O.D.)	3/8"	3/8"	3/8"	3/8"
Suction Valve Size ("O.D.)	3/4"	7/8"	7/8"	7/8"
Valve Connection Type	Sweat	Sweat	Sweat	Sweat
Refrigerant Charge	160	210	270	280
Electrical Data				
Volts / Hz / Phase	208/230-60-1	208/230-60-1	208/230-60-1	208/230-60-1
Minimum Circuit Ampacity ²	13.9	21.9	27.5	33
Max. Overcurrent Protection ³	20	35	45	50
Min / Max Volts	197/253	197/253	197/253	197/253
Power Supply Conduit Size	1/2" or 3/4"	1/2" or 3/4"	1/2" or 3/4"	1/2" or 3/4"
Ship Weight (lbs)	282	282	282	296

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

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

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

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: DSZ160241A* / CA*F3636C6C* + TXV/ MBE1600** -1B* — LOW STAGE

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	17.7	18.3	20.1	-	17.3	17.9	19.6	-	16.9	17.5	19.2	-	16.5	17.1	18.7	-	15.6	16.2	17.8	-	14.5	15.0	16.5	-
	S/T	0.79	0.66	0.46	-	0.82	0.68	0.47	-	0.84	0.70	0.48	-	0.86	0.72	0.50	-	0.90	0.75	0.52	-	0.90	0.76	0.52	-
	ΔT	18	15	12	-	18	15	12	-	18	15	12	-	18	15	12	-	18	15	12	-	16	14	11	-
	kW	1.06	1.09	1.12	-	1.15	1.17	1.21	-	1.22	1.25	1.29	-	1.29	1.32	1.36	-	1.34	1.37	1.42	-	1.39	1.42	1.47	-
	Amps	4.2	4.3	4.4	-	4.5	4.6	4.8	-	4.9	5.0	5.2	-	5.2	5.3	5.5	-	5.6	5.7	5.9	-	5.9	6.0	6.2	-
	Hi PR	209	225	237	-	235	252	266	-	267	287	303	-	304	327	345	-	342	368	388	-	378	406	429	-
	Lo PR	113	121	132	-	120	127	139	-	124	132	144	-	131	139	152	-	137	146	159	-	142	151	164	-
	MBh	17.2	17.8	19.5	-	16.8	17.4	19.1	-	16.4	17.0	18.6	-	16.0	16.6	18.2	-	15.2	15.7	17.2	-	14.1	14.6	16.0	-
	S/T	0.75	0.63	0.43	-	0.78	0.65	0.45	-	0.80	0.67	0.46	-	0.82	0.69	0.48	-	0.86	0.71	0.50	-	0.86	0.72	0.50	-
	ΔT	19	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	18	15	12	-
	kW	1.06	1.08	1.11	-	1.14	1.16	1.20	-	1.21	1.24	1.28	-	1.28	1.31	1.35	-	1.33	1.36	1.41	-	1.38	1.41	1.46	-
	Amps	4.1	4.2	4.4	-	4.5	4.6	4.7	-	4.8	5.0	5.1	-	5.2	5.3	5.5	-	5.5	5.6	5.8	-	5.8	6.0	6.2	-
Hi PR	207	223	235	-	232	250	264	-	264	284	300	-	301	324	342	-	338	364	384	-	374	402	425	-	
Lo PR	112	119	130	-	118	126	138	-	123	131	143	-	129	138	150	-	136	144	157	-	140	149	163	-	
MBh	16.3	16.9	18.5	-	15.9	16.5	18.1	-	15.6	16.1	17.7	-	15.2	15.7	17.2	-	14.4	15.0	16.4	-	13.4	13.9	15.2	-	
S/T	0.72	0.60	0.42	-	0.75	0.62	0.43	-	0.77	0.64	0.44	-	0.79	0.66	0.46	-	0.82	0.68	0.47	-	0.83	0.69	0.48	-	
ΔT	19	16	12	-	19	17	13	-	19	17	13	-	19	17	13	-	19	17	13	-	18	15	12	-	
kW	1.04	1.06	1.10	-	1.12	1.14	1.18	-	1.19	1.22	1.26	-	1.26	1.28	1.33	-	1.31	1.34	1.38	-	1.36	1.39	1.43	-	
Amps	4.1	4.2	4.3	-	4.4	4.5	4.6	-	4.8	4.9	5.0	-	5.1	5.2	5.4	-	5.4	5.5	5.7	-	5.7	5.9	6.1	-	
Hi PR	203	218	230	-	228	245	259	-	259	278	294	-	295	317	335	-	332	357	377	-	366	394	416	-	
Lo PR	110	117	128	-	116	124	135	-	121	128	140	-	127	135	147	-	133	141	154	-	137	146	160	-	

71	MBh	18.0	18.5	20.1	21.5	17.6	18.1	19.6	21.0	17.2	17.7	19.1	20.5	16.7	17.2	18.7	20.0	15.9	16.4	17.7	19.0	14.7	15.2	16.4	17.6
	S/T	0.90	0.80	0.61	0.39	0.93	0.83	0.63	0.40	0.95	0.85	0.64	0.41	0.98	0.88	0.67	0.43	1.00	0.91	0.69	0.44	1.00	0.92	0.70	0.45
	ΔT	20	19	15	11	21	19	15	11	21	19	15	11	21	19	16	11	20	19	15	11	19	18	14	10
	kW	1.07	1.10	1.13	1.17	1.16	1.18	1.22	1.26	1.23	1.26	1.30	1.35	1.30	1.33	1.37	1.42	1.36	1.39	1.43	1.48	1.40	1.44	1.48	1.54
	Amps	4.2	4.3	4.5	4.6	4.6	4.7	4.8	5.0	4.9	5.1	5.2	5.4	5.3	5.4	5.6	5.8	5.6	5.7	5.9	6.2	5.9	6.1	6.3	6.5
	Hi PR	211	227	240	250	237	255	269	281	269	290	306	319	307	330	349	364	345	372	392	409	381	410	433	452
	Lo PR	114	122	133	142	121	129	140	150	126	134	146	155	132	140	153	163	138	147	161	171	143	152	166	177
	MBh	17.5	18.0	19.5	20.9	17.1	17.6	19.0	20.4	16.7	17.2	18.6	19.9	16.3	16.7	18.1	19.4	15.4	15.9	17.2	18.5	14.3	14.7	15.9	17.1
	S/T	0.85	0.76	0.58	0.37	0.89	0.79	0.60	0.39	0.91	0.81	0.61	0.40	0.94	0.84	0.63	0.41	0.97	0.87	0.66	0.42	0.98	0.88	0.66	0.43
	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	1.06	1.09	1.12	1.16	1.15	1.17	1.21	1.25	1.22	1.25	1.29	1.34	1.29	1.32	1.36	1.41	1.34	1.37	1.42	1.47	1.39	1.42	1.47	1.52
	Amps	4.2	4.3	4.4	4.6	4.5	4.6	4.8	4.9	4.9	5.0	5.2	5.4	5.2	5.3	5.5	5.7	5.6	5.7	5.9	6.1	5.9	6.0	6.2	6.5
Hi PR	209	225	238	248	235	252	267	278	267	287	303	316	304	327	345	360	342	368	388	405	378	406	429	448	
Lo PR	113	121	132	140	120	127	139	148	124	132	144	154	131	139	152	162	137	146	159	169	142	151	165	175	
MBh	16.6	17.1	18.5	19.9	16.2	16.7	18.1	19.4	15.8	16.3	17.6	18.9	15.4	15.9	17.2	18.5	14.7	15.1	16.3	17.5	13.6	14.0	15.1	16.3	
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	0.41	0.94	0.84	0.64	0.41	
ΔT	22	20	17	11	22	20	17	12	22	20	17	12	22	21	17	12	22	20	17	12	21	19	16	11	
kW	1.05	1.07	1.10	1.14	1.13	1.15	1.19	1.23	1.20	1.23	1.27	1.31	1.27	1.29	1.34	1.38	1.32	1.35	1.40	1.44	1.37	1.40	1.45	1.50	
Amps	4.1	4.2	4.3	4.5	4.4	4.5	4.7	4.9	4.8	4.9	5.1	5.3	5.1	5.3	5.4	5.6	5.5	5.6	5.8	6.0	5.8	5.9	6.1	6.3	
Hi PR	205	220	233	243	230	247	261	272	261	281	297	310	298	320	338	353	335	360	381	397	370	398	421	439	
Lo PR	111	118	129	137	117	125	136	145	122	130	142	151	128	136	149	158	134	143	156	166	139	148	161	172	

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

EXPANDED COOLING DATA: DSZ160241A* / CA*F3636C6C* + TXV/ MBE1600** -1B* — LOW STAGE (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	731	MBh	18.3	18.7	20.0	21.4	17.9	18.3	19.5	20.9	17.5	17.8	19.1	20.4	17.0	17.4	18.6	19.9	16.2	16.5	17.7	18.9	15.0	15.3	16.4	17.5
		S/T	1.00	0.92	0.75	0.56	1.00	0.95	0.78	0.58	1.00	1.00	0.80	0.60	1.00	1.00	0.82	0.61	1.00	1.00	0.85	0.64	1.00	1.00	0.86	0.64
	ΔT	23	22	19	15	22	22	19	15	22	22	19	15	21	22	19	15	20	21	19	15	19	19	15	18	14
	kW	1.08	1.11	1.14	1.18	1.17	1.19	1.23	1.27	1.24	1.27	1.31	1.36	1.31	1.34	1.38	1.43	1.37	1.40	1.45	1.50	1.42	1.45	1.50	1.55	
	Amps	4.3	4.4	4.5	4.7	4.6	4.7	4.9	5.0	5.0	5.1	5.3	5.5	5.3	5.4	5.6	5.8	5.7	5.8	6.0	6.2	6.0	6.1	6.3	6.6	
	Hi PR	213	229	242	253	239	258	272	284	272	293	309	323	310	334	352	367	349	375	396	413	385	415	438	457	
	Lo PR	116	123	134	143	122	130	142	151	127	135	147	157	133	142	155	165	140	149	162	173	145	154	168	179	
	MBh	17.8	18.2	19.4	20.8	17.4	17.8	19.0	20.3	17.0	17.3	18.5	19.8	16.5	16.9	18.1	19.3	15.7	16.1	17.2	18.3	14.6	14.9	15.9	17.0	
	S/T	0.94	0.88	0.72	0.53	0.97	0.91	0.74	0.55	1.00	0.93	0.76	0.57	1.00	0.96	0.78	0.59	1.00	1.00	0.81	0.61	1.00	1.00	0.82	0.61	
	ΔT	24	23	20	16	24	23	20	16	24	24	23	20	16	24	24	20	16	23	23	20	16	21	21	19	15
kW	1.07	1.10	1.13	1.17	1.16	1.18	1.22	1.26	1.23	1.26	1.30	1.35	1.30	1.33	1.37	1.42	1.36	1.39	1.43	1.48	1.40	1.44	1.48	1.54		
Amps	4.2	4.3	4.5	4.6	4.6	4.7	4.8	5.0	4.9	5.1	5.2	5.4	5.3	5.4	5.6	5.8	5.6	5.7	5.9	6.2	5.9	6.1	6.3	6.5		
Hi PR	211	227	240	250	237	255	269	281	269	290	306	319	307	330	349	364	345	372	392	409	381	411	433	452		
Lo PR	114	122	133	142	121	129	140	150	126	134	146	155	132	140	153	163	138	147	161	171	143	152	166	177		
MBh	16.9	17.3	18.4	19.7	16.5	16.9	18.0	19.3	16.1	16.5	17.6	18.8	15.7	16.1	17.2	18.3	14.9	15.3	16.3	17.4	13.8	14.1	15.1	16.1		
S/T	0.90	0.84	0.69	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	1.02	0.96	0.78	0.58	1.03	0.97	0.79	0.59		
ΔT	25	23	20	16	25	24	21	17	25	24	21	17	25	24	21	17	25	24	21	16	23	22	19	15		
kW	1.06	1.08	1.11	1.15	1.14	1.16	1.20	1.24	1.21	1.24	1.28	1.32	1.28	1.31	1.35	1.40	1.33	1.36	1.41	1.46	1.38	1.41	1.46	1.51		
Amps	4.1	4.2	4.4	4.5	4.5	4.6	4.7	4.9	4.8	5.0	5.1	5.3	5.2	5.3	5.5	5.7	5.5	5.6	5.8	6.0	5.8	6.0	6.2	6.4		
Hi PR	207	223	235	245	232	250	264	275	264	284	300	313	301	324	342	356	338	364	384	401	374	402	425	443		
Lo PR	112	119	130	139	118	126	138	147	123	131	143	152	129	138	150	160	136	144	157	168	140	149	163	173		

85	731	MBh	18.6	19.0	19.9	21.2	18.2	18.6	19.4	20.7	17.8	18.1	19.0	20.2	17.3	17.7	18.5	19.7	16.5	16.8	17.6	18.8	15.3	15.6	16.3	17.4
		S/T	1.00	0.99	0.90	0.73	1.00	1.00	0.93	0.75	1.00	1.00	0.95	0.77	1.00	1.00	0.98	0.80	1.00	1.00	0.83	1.00	1.00	0.83	1.00	1.00
	ΔT	23	24	22	19	23	23	23	20	22	23	23	20	22	22	23	20	21	21	22	20	19	20	20	18	
	kW	1.09	1.11	1.15	1.19	1.18	1.20	1.24	1.29	1.25	1.28	1.32	1.37	1.32	1.35	1.40	1.44	1.38	1.41	1.46	1.51	1.43	1.46	1.51	1.56	
	Amps	4.3	4.4	4.5	4.7	4.6	4.7	4.9	5.1	5.0	5.1	5.3	5.5	5.4	5.5	5.7	5.9	5.7	5.8	6.0	6.3	6.0	6.2	6.4	6.6	
	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	117	124	136	144	123	131	143	153	128	136	149	159	135	143	156	167	141	150	164	175	146	155	170	181	
	MBh	18.1	18.4	19.3	20.6	17.7	18.0	18.9	20.1	17.3	17.6	18.4	19.7	16.8	17.2	18.0	19.2	16.0	16.3	17.1	18.2	14.8	15.1	15.8	16.9	
	S/T	0.98	0.95	0.86	0.69	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	0.97	0.79	1.00	1.00	0.98	0.80	
	ΔT	26	25	24	21	26	26	24	21	25	25	24	21	24	25	24	21	23	24	24	21	21	22	22	19	
kW	1.08	1.11	1.14	1.18	1.17	1.19	1.23	1.27	1.24	1.27	1.31	1.36	1.31	1.34	1.38	1.43	1.37	1.40	1.45	1.50	1.42	1.45	1.50	1.55		
Amps	4.3	4.4	4.5	4.7	4.6	4.7	4.9	5.0	5.0	5.1	5.3	5.5	5.3	5.4	5.6	5.8	5.7	5.8	6.0	6.2	6.0	6.1	6.3	6.6		
Hi PR	213	229	242	253	239	258	272	284	272	293	309	323	310	334	352	367	349	375	396	413	385	415	438	457		
Lo PR	116	123	134	143	122	130	142	151	127	135	147	157	133	142	155	165	140	149	162	173	145	154	168	179		
MBh	17.2	17.5	18.4	19.6	16.8	17.1	17.9	19.1	16.4	16.7	17.5	18.7	16.0	16.3	17.1	18.2	15.2	15.5	16.2	17.3	14.1	14.3	15.0	16.0		
S/T	0.94	0.91	0.82	0.66	0.98	0.94	0.85	0.69	1.00	0.96	0.87	0.71	1.00	1.00	0.90	0.73	1.00	1.00	0.93	0.76	1.00	1.00	0.94	0.76		
ΔT	26.1	26	24	21	26	26	25	21	26	26	25	21	26	26	25	21	25	25	24	21	23	23	23	20		
kW	1.06	1.09	1.12	1.16	1.15	1.17	1.21	1.25	1.22	1.25	1.29	1.33	1.29	1.32	1.36	1.41	1.34	1.37	1.42	1.47	1.39	1.42	1.47	1.52		
Amps	4.2	4.3	4.4	4.6	4.5	4.6	4.8	4.9	4.9	5.0	5.2	5.4	5.2	5.3	5.5	5.7	5.6	5.7	5.9	6.1	5.9	6.0	6.2	6.5		
Hi PR	209	225	237	248	235	252	266	278	267	287	303	316	304	327	345	360	342	368	388	405	378	406	429	448		
Lo PR	113	121	132	140	120	127	139	148	124	132	144	154	131	139	152	162	137	146	159	169	142	151	164	175		

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

EXPANDED COOLING DATA: DSZ160241A* / CA*F3636C6C* + TXV/ MBE1600** -1B* — HIGH STAGE

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	984	MBh	23.5	24.4	26.7	-	23.0	23.8	26.1	-	22.4	23.2	25.5	-	21.9	22.7	24.8	-	20.8	21.5	23.6	-	19.3	20.0	21.9	-
		S/T	0.80	0.66	0.46	-	0.82	0.69	0.48	-	0.85	0.71	0.49	-	0.87	0.73	0.51	-	0.91	0.76	0.52	-	0.91	0.76	0.53	-
		ΔT	17	15	11	-	18	15	12	-	18	15	12	-	18	15	12	-	18	15	12	-	16	14	11	-
		kW	1.56	1.60	1.65	-	1.68	1.72	1.78	-	1.79	1.83	1.90	-	1.89	1.93	2.00	-	1.97	2.02	2.09	-	2.04	2.09	2.16	-
		Amps	6.0	6.1	6.3	-	6.5	6.6	6.8	-	7.0	7.2	7.4	-	7.5	7.7	7.9	-	8.0	8.2	8.5	-	8.5	8.7	9.0	-
		Hi PR	223	240	253	-	250	269	284	-	284	306	323	-	324	349	368	-	365	392	414	-	403	433	458	-
	Lo PR	111	118	129	-	117	125	136	-	122	130	142	-	128	136	149	-	134	143	156	-	139	148	161	-	
	MBh	22.8	23.7	25.9	-	22.3	23.1	25.3	-	21.8	22.6	24.7	-	21.2	22.0	24.1	-	20.2	20.9	22.9	-	18.7	19.4	21.2	-	
	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	18	16	12	-	18	16	12	-	18	16	12	-	19	16	12	-	18	16	12	-	17	15	11	-	
	kW	1.55	1.58	1.63	-	1.67	1.71	1.76	-	1.78	1.82	1.88	-	1.87	1.92	1.98	-	1.96	2.00	2.07	-	2.03	2.07	2.14	-	
	Amps	5.9	6.1	6.3	-	6.4	6.6	6.8	-	7.0	7.1	7.4	-	7.4	7.6	7.9	-	7.9	8.1	8.4	-	8.4	8.6	8.9	-	
Hi PR	221	238	251	-	248	267	281	-	282	303	320	-	321	345	365	-	361	388	410	-	399	429	453	-		
Lo PR	110	117	128	-	116	124	135	-	121	128	140	-	127	135	147	-	133	141	154	-	137	146	160	-		
MBh	21.1	21.8	23.9	-	20.6	21.3	23.4	-	20.1	20.8	22.8	-	19.6	20.3	22.3	-	18.6	19.3	21.1	-	17.3	17.9	19.6	-		
S/T	0.73	0.61	0.42	-	0.76	0.63	0.44	-	0.78	0.65	0.45	-	0.80	0.67	0.46	-	0.83	0.70	0.48	-	0.84	0.70	0.49	-		
ΔT	19	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	17	15	11	-		
kW	1.51	1.54	1.59	-	1.63	1.67	1.72	-	1.73	1.77	1.83	-	1.83	1.87	1.93	-	1.91	1.95	2.01	-	1.97	2.02	2.09	-		
Amps	5.8	5.9	6.1	-	6.2	6.4	6.6	-	6.8	6.9	7.2	-	7.2	7.4	7.6	-	7.7	7.9	8.1	-	8.1	8.3	8.6	-		
Hi PR	214	230	243	-	240	259	273	-	273	294	310	-	311	335	354	-	350	377	398	-	387	416	440	-		
Lo PR	107	113	124	-	113	120	131	-	117	125	136	-	123	131	143	-	129	137	150	-	133	142	155	-		

75	984	MBh	23.9	24.6	26.7	28.6	23.4	24.1	26.0	27.9	22.8	23.5	25.4	27.3	22.2	22.9	24.8	26.6	21.1	21.8	23.6	25.3	19.6	20.2	21.8	23.4
		S/T	0.90	0.81	0.61	0.39	0.94	0.84	0.63	0.41	0.96	0.86	0.65	0.42	0.99	0.89	0.67	0.43	1.00	0.92	0.70	0.45	1.00	0.93	0.70	0.45
		ΔT	20	19	15	11	20	19	15	11	21	19	15	11	21	19	16	11	20	19	15	11	18	17	14	10
		kW	1.57	1.61	1.66	1.72	1.70	1.74	1.79	1.85	1.81	1.85	1.91	1.98	1.91	1.95	2.02	2.08	1.99	2.03	2.10	2.18	2.06	2.11	2.18	2.26
		Amps	6.0	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	8.7	9.0	9.4
		Hi PR	225	242	256	267	253	272	287	300	287	309	327	341	327	352	372	388	368	396	418	436	407	438	462	482
	Lo PR	112	119	130	139	119	126	138	147	123	131	143	152	129	138	150	160	136	144	157	168	140	149	163	173	
	MBh	23.2	23.9	25.9	27.8	22.7	23.4	25.3	27.1	22.1	22.8	24.7	26.5	21.6	22.2	24.1	25.8	20.5	21.1	22.9	24.5	19.0	19.6	21.2	22.7	
	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	0.67	0.43	0.99	0.89	0.67	0.43	
	ΔT	21	19	16	11	21	20	16	11	21	20	16	11	21	20	16	11	21	20	16	11	20	18	15	10	
	kW	1.56	1.60	1.65	1.70	1.68	1.72	1.78	1.84	1.79	1.83	1.90	1.96	1.89	1.93	2.00	2.07	1.97	2.02	2.09	2.16	2.04	2.09	2.16	2.24	
	Amps	6.0	6.1	6.3	6.6	6.5	6.6	6.8	7.1	7.0	7.2	7.4	7.7	7.5	7.7	7.9	8.2	8.0	8.2	8.5	8.8	8.5	8.7	9.0	9.3	
Hi PR	223	240	253	264	250	269	284	297	285	306	323	337	324	349	368	384	365	392	414	432	403	434	458	477		
Lo PR	111	118	129	137	117	125	136	145	122	130	142	151	128	136	149	158	134	143	156	166	139	148	161	172		
MBh	21.4	22.1	23.9	25.6	20.9	21.6	23.3	25.0	20.4	21.0	22.8	24.4	19.9	20.5	22.2	23.8	18.9	19.5	21.1	22.7	17.5	18.1	19.6	21.0		
S/T	0.83	0.74	0.56	0.36	0.86	0.77	0.58	0.38	0.88	0.79	0.60	0.39	0.91	0.82	0.62	0.40	0.95	0.85	0.64	0.41	0.96	0.85	0.65	0.42		
ΔT	21	20	16	11	22	20	16	11	22	20	16	11	22	20	16	11	22	20	16	11	20	19	15	10		
kW	1.52	1.56	1.61	1.66	1.64	1.68	1.73	1.79	1.75	1.79	1.85	1.91	1.84	1.88	1.95	2.01	1.92	1.97	2.03	2.10	1.99	2.04	2.10	2.18		
Amps	5.8	6.0	6.2	6.4	6.3	6.4	6.6	6.9	6.8	7.0	7.2	7.5	7.3	7.5	7.7	8.0	7.8	8.0	8.2	8.5	8.2	8.4	8.7	9.0		
Hi PR	216	233	246	256	243	261	276	288	276	297	314	327	314	338	357	373	354	381	402	419	391	421	444	463		
Lo PR	108	115	125	133	114	121	132	141	118	126	137	146	124	132	144	154	130	139	151	161	135	143	156	167		

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

EXPANDED COOLING DATA: DSZ160241A* / CA*F3636C6C* + TXV/ MBE1600** -1B* — HIGH STAGE (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	24.3	24.9	26.6	28.4	23.8	24.3	26.0	27.7	23.2	23.7	25.3	27.1	22.6	23.1	24.7	26.4	21.5	22.0	23.5	25.1	19.9	20.4	21.8	23.3
	S/T	1.00	0.93	0.76	0.57	1.00	0.96	0.79	0.59	1.00	1.00	0.81	0.60	1.00	1.00	0.83	0.62	1.00	1.00	0.86	0.64	1.00	1.00	0.87	0.65
	ΔT	23	22	19	15	22	22	19	15	22	22	19	15	21	22	19	15	20	21	19	15	19	19	18	14
	kW	1.59	1.62	1.67	1.73	1.71	1.75	1.81	1.87	1.82	1.87	1.93	1.99	1.92	1.97	2.03	2.10	2.01	2.05	2.12	2.20	2.08	2.13	2.20	2.28
	Amps	6.1	6.2	6.4	6.7	6.6	6.7	7.0	7.2	7.1	7.3	7.6	7.9	7.6	7.8	8.1	8.4	8.1	8.3	8.6	8.9	8.6	8.8	9.1	9.5
	Hi PR	227	245	258	270	255	275	290	303	290	312	330	344	331	356	376	392	372	400	423	441	411	442	467	487
	Lo PR	113	121	132	140	120	127	139	148	124	132	145	154	131	139	152	162	137	146	159	169	142	151	165	175
	MBh	23.6	24.1	25.8	27.6	23.1	23.6	25.2	26.9	22.5	23.0	24.6	26.3	22.0	22.5	24.0	25.7	20.9	21.3	22.8	24.4	19.3	19.8	21.1	22.6
	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	0.97	0.79	0.59	1.00	1.00	0.82	0.61	1.00	1.00	0.83	0.62
	ΔT	24	23	20	16	24	23	20	16	24	23	20	16	23	23	20	16	22	22	20	16	20	21	18	15
kW	1.57	1.61	1.66	1.72	1.70	1.74	1.79	1.85	1.81	1.85	1.91	1.98	1.91	1.95	2.02	2.08	1.99	2.03	2.10	2.18	2.06	2.11	2.18	2.26	
Amps	6.0	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	8.7	9.0	9.4	
Hi PR	225	242	256	267	253	272	287	300	287	309	327	341	327	352	372	388	368	396	419	436	407	438	462	482	
Lo PR	112	119	130	139	119	126	138	147	123	131	143	152	129	138	150	160	136	144	158	168	140	149	163	174	
MBh	21.8	22.3	23.8	25.5	21.3	21.8	23.3	24.9	20.8	21.3	22.7	24.3	20.3	20.7	22.2	23.7	19.3	19.7	21.0	22.5	17.9	18.2	19.5	20.8	
S/T	0.91	0.86	0.70	0.52	0.95	0.89	0.72	0.54	0.97	0.91	0.74	0.55	1.00	0.94	0.76	0.57	1.04	0.97	0.79	0.59	1.05	0.98	0.80	0.60	
ΔT	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	22	22	19	15	
kW	1.54	1.57	1.62	1.67	1.66	1.69	1.75	1.81	1.76	1.80	1.86	1.93	1.86	1.90	1.96	2.03	1.94	1.98	2.05	2.12	2.01	2.05	2.12	2.20	
Amps	5.9	6.0	6.2	6.4	6.3	6.5	6.7	7.0	6.9	7.1	7.3	7.6	7.4	7.5	7.8	8.1	7.8	8.0	8.3	8.6	8.3	8.5	8.8	9.1	
Hi PR	218	235	248	259	245	264	279	291	279	300	317	330	318	342	361	376	357	384	406	423	395	425	449	468	
Lo PR	109	116	126	135	115	122	134	142	120	127	139	148	126	134	146	155	132	140	153	163	136	145	158	168	

85	MBh	24.8	25.2	26.4	28.2	24.2	24.7	25.8	27.6	23.6	24.1	25.2	26.9	23.0	23.5	24.6	26.2	21.9	22.3	23.4	24.9	20.3	20.7	21.6	23.1
	S/T	1.00	1.00	0.91	0.74	1.00	1.00	0.94	0.76	1.00	1.00	0.96	0.78	1.00	1.00	0.99	0.81	1.00	1.00	0.84	0.84	1.00	1.00	0.84	0.84
	ΔT	23	24	22	19	23	23	23	20	22	22	23	20	22	22	23	20	20	21	22	19	19	19	20	18
	kW	1.60	1.64	1.69	1.74	1.73	1.77	1.82	1.89	1.84	1.88	1.94	2.01	1.94	1.98	2.05	2.12	2.02	2.07	2.14	2.21	2.10	2.14	2.22	2.30
	Amps	6.1	6.3	6.5	6.7	6.6	6.8	7.0	7.3	7.2	7.4	7.6	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	230	247	261	272	258	277	293	306	293	316	333	348	334	359	379	396	376	404	427	445	415	447	472	492
	Lo PR	114	122	133	142	121	129	140	150	126	134	146	155	132	140	153	163	138	147	161	171	143	152	166	177
	MBh	24.0	24.5	25.7	27.4	23.5	23.9	25.1	26.8	22.9	23.4	24.5	26.1	22.4	22.8	23.9	25.5	21.2	21.7	22.7	24.2	19.7	20.1	21.0	22.4
	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	25	25	23	20	25	25	24	20	24	25	24	20	24	24	24	21	22	23	23	20	21	21	22	19
kW	1.59	1.62	1.67	1.73	1.71	1.75	1.81	1.87	1.82	1.87	1.93	1.99	1.92	1.97	2.03	2.10	2.01	2.05	2.12	2.20	2.08	2.13	2.20	2.28	
Amps	6.1	6.2	6.4	6.7	6.6	6.7	7.0	7.2	7.1	7.3	7.6	7.9	7.6	7.8	8.1	8.4	8.1	8.3	8.6	8.9	8.6	8.8	9.1	9.5	
Hi PR	227	245	258	270	255	275	290	303	290	312	330	344	331	356	376	392	372	400	423	441	411	442	467	487	
Lo PR	113	121	132	140	120	127	139	148	124	132	145	154	131	139	152	162	137	146	159	169	142	151	165	175	
MBh	22.2	22.6	23.7	25.3	21.7	22.1	23.1	24.7	21.2	21.6	22.6	24.1	20.6	21.0	22.0	23.5	19.6	20.0	20.9	22.3	18.2	18.5	19.4	20.7	
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	0.91	0.74	1.00	1.00	0.95	0.77	1.00	1.00	0.96	0.78	
ΔT	25	25	24	21	26	25	24	21	25	25	24	21	25	25	24	21	24	24	24	21	22	22	22	19	
kW	1.55	1.58	1.63	1.69	1.67	1.71	1.76	1.82	1.78	1.82	1.88	1.94	1.87	1.92	1.98	2.05	1.95	2.00	2.07	2.14	2.02	2.07	2.14	2.22	
Amps	5.9	6.1	6.3	6.5	6.4	6.6	6.8	7.0	7.0	7.1	7.4	7.6	7.4	7.6	7.9	8.2	7.9	8.1	8.4	8.7	8.4	8.6	8.9	9.2	
Hi PR	221	237	251	262	248	266	281	293	282	303	320	334	321	345	364	380	361	388	410	428	399	429	453	472	
Lo PR	110	117	128	136	116	124	135	144	121	128	140	149	127	135	147	157	133	141	154	164	137	146	160	170	

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

EXPANDED COOLING DATA: DSZ160361A* / CA*F3743*6A* + TXV/ MBE1600** -1B* — LOW STAGE

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
900	MBh	24.7	25.6	28.1	-	24.1	25.0	27.4	-	23.6	24.4	26.8	-	23.0	23.8	26.1	-	21.8	22.6	24.8	-	20.2	21.0	23.0	-
	S/T	0.75	0.62	0.43	-	0.77	0.65	0.45	-	0.79	0.66	0.46	-	0.82	0.68	0.47	-	0.85	0.71	0.49	-	0.86	0.72	0.50	-
	ΔT	19	16	12	-	19	17	13	-	19	17	13	-	19	17	13	-	19	16	12	-	18	15	12	-
	kW	1.44	1.48	1.52	-	1.56	1.59	1.64	-	1.66	1.69	1.75	-	1.74	1.78	1.84	-	1.82	1.86	1.92	-	1.88	1.93	1.99	-
	Amps	5.8	5.9	6.1	-	6.2	6.3	6.5	-	6.7	6.9	7.1	-	7.2	7.3	7.6	-	7.6	7.8	8.0	-	8.0	8.2	8.5	-
	Hi PR	207	223	236	-	233	250	265	-	265	285	301	-	302	324	343	-	339	365	385	-	375	403	426	-
	Lo PR	111	118	129	-	117	124	136	-	122	129	141	-	128	136	148	-	134	142	155	-	138	147	161	-
	MBh	24.0	24.9	27.3	-	23.4	24.3	26.6	-	22.9	23.7	26.0	-	22.3	23.1	25.4	-	21.2	22.0	24.1	-	19.6	20.4	22.3	-
	S/T	0.71	0.59	0.41	-	0.74	0.62	0.43	-	0.76	0.63	0.44	-	0.78	0.65	0.45	-	0.81	0.68	0.47	-	0.82	0.68	0.47	-
	ΔT	20	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	18	16	12	-
	kW	1.43	1.46	1.51	-	1.54	1.58	1.63	-	1.64	1.68	1.73	-	1.73	1.77	1.83	-	1.80	1.84	1.91	-	1.87	1.91	1.97	-
	Amps	5.7	5.8	6.0	-	6.2	6.3	6.5	-	6.7	6.8	7.0	-	7.1	7.3	7.5	-	7.5	7.7	8.0	-	8.0	8.1	8.4	-
Hi PR	205	221	233	-	230	248	262	-	262	282	298	-	299	321	339	-	336	361	382	-	371	399	422	-	
Lo PR	110	117	127	-	116	123	135	-	120	128	140	-	126	135	147	-	133	141	154	-	137	146	159	-	
MBh	22.2	23.0	25.2	-	21.6	22.4	24.6	-	21.1	21.9	24.0	-	20.6	21.4	23.4	-	19.6	20.3	22.2	-	18.1	18.8	20.6	-	
S/T	0.69	0.57	0.40	-	0.71	0.59	0.41	-	0.73	0.61	0.42	-	0.75	0.63	0.44	-	0.78	0.65	0.45	-	0.79	0.66	0.46	-	
ΔT	20	17	13	-	20	18	13	-	20	18	13	-	20	18	13	-	20	17	13	-	19	16	12	-	
kW	1.40	1.43	1.47	-	1.51	1.54	1.59	-	1.60	1.64	1.69	-	1.69	1.72	1.78	-	1.76	1.80	1.86	-	1.82	1.86	1.92	-	
Amps	5.6	5.7	5.9	-	6.0	6.1	6.3	-	6.5	6.6	6.8	-	6.9	7.1	7.3	-	7.3	7.5	7.7	-	7.7	7.9	8.2	-	
Hi PR	199	214	226	-	224	241	254	-	254	274	289	-	290	312	329	-	326	351	370	-	360	387	409	-	
Lo PR	106	113	124	-	112	120	131	-	117	124	136	-	123	131	142	-	129	137	149	-	133	141	154	-	

900	MBh	25.1	25.9	28.0	30.1	24.6	25.3	27.4	29.4	24.0	24.7	26.7	28.7	23.4	24.1	26.1	28.0	22.2	22.9	24.8	26.6	20.6	21.2	22.9	24.6
	S/T	0.85	0.76	0.57	0.37	0.88	0.79	0.60	0.38	0.90	0.81	0.61	0.39	0.93	0.83	0.63	0.41	0.97	0.86	0.65	0.42	0.97	0.87	0.66	0.42
	ΔT	22	20	16	11	22	20	17	11	22	20	17	12	22	20	17	12	22	20	17	11	20	19	15	11
	kW	1.46	1.49	1.53	1.59	1.57	1.60	1.66	1.71	1.67	1.71	1.76	1.82	1.76	1.80	1.86	1.92	1.83	1.88	1.94	2.00	1.90	1.94	2.01	2.08
	Amps	5.8	5.9	6.1	6.3	6.3	6.4	6.6	6.8	6.8	6.9	7.2	7.4	7.2	7.4	7.6	7.9	7.7	7.8	8.1	8.4	8.1	8.3	8.6	8.9
	Hi PR	210	226	238	248	235	253	267	279	267	288	304	317	305	328	346	361	343	369	389	406	379	407	430	449
	Lo PR	112	119	130	138	118	126	137	146	123	131	143	152	129	137	150	160	135	144	157	167	140	149	162	173
	MBh	24.4	25.1	27.2	29.2	23.8	24.5	26.6	28.5	23.3	24.0	25.9	27.8	22.7	23.4	25.3	27.2	21.6	22.2	24.0	25.8	20.0	20.6	22.3	23.9
	S/T	0.81	0.72	0.55	0.35	0.84	0.75	0.57	0.37	0.86	0.77	0.58	0.37	0.89	0.79	0.60	0.39	0.92	0.82	0.62	0.40	0.93	0.83	0.63	0.40
	ΔT	23	21	17	12	23	21	17	12	23	21	17	12	23	21	17	12	23	21	17	12	21	20	16	11
	kW	1.44	1.48	1.52	1.57	1.56	1.59	1.64	1.70	1.66	1.69	1.75	1.81	1.74	1.78	1.84	1.90	1.82	1.86	1.92	1.99	1.88	1.93	1.99	2.06
	Amps	5.8	5.9	6.1	6.3	6.2	6.3	6.5	6.8	6.7	6.9	7.1	7.3	7.2	7.3	7.6	7.8	7.6	7.8	8.0	8.3	8.0	8.2	8.5	8.8
Hi PR	207	223	236	246	233	251	265	276	265	285	301	314	302	325	343	357	339	365	386	402	375	403	426	444	
Lo PR	111	118	129	137	117	125	136	145	122	129	141	150	128	136	148	158	134	142	156	166	139	147	161	171	
MBh	22.5	23.2	25.1	26.9	22.0	22.7	24.5	26.3	21.5	22.1	23.9	25.7	21.0	21.6	23.4	25.1	19.9	20.5	22.2	23.8	18.4	19.0	20.6	22.1	
S/T	0.78	0.70	0.53	0.34	0.81	0.72	0.55	0.35	0.83	0.74	0.56	0.36	0.86	0.77	0.58	0.37	0.89	0.79	0.60	0.39	0.90	0.80	0.61	0.39	
ΔT	23	21	17	12	23	22	18	12	23	22	18	12	24	22	18	12	24	22	18	12	22	20	16	11	
kW	1.41	1.44	1.49	1.53	1.52	1.55	1.60	1.65	1.62	1.65	1.70	1.76	1.70	1.74	1.80	1.86	1.77	1.81	1.87	1.94	1.83	1.88	1.94	2.01	
Amps	5.6	5.7	5.9	6.1	6.0	6.2	6.4	6.6	6.5	6.7	6.9	7.2	7.0	7.1	7.4	7.6	7.4	7.6	7.8	8.1	7.8	8.0	8.3	8.6	
Hi PR	201	217	229	239	226	243	257	268	257	276	292	304	293	315	332	347	329	354	374	390	364	391	413	431	
Lo PR	107	114	125	133	114	121	132	140	118	126	137	146	124	132	144	153	130	138	151	161	134	143	156	166	

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

EXPANDED COOLING DATA: DSZ160481A*/CA*F4961*6A* + TXV/ MBE2000**-1B* - LOW STAGE (CONT.)

Table with columns for Outdoor Ambient Temperature (65°F, 75°F, 85°F, 95°F, 105°F, 115°F) and Entering Indoor Wet Bulb Temperature (59-71°F). Rows include performance metrics like MBh, S/T, ΔT, kW, Amps, Hi/Lo PR for models 1209, 1075, 941, and 85.

EXPANDED COOLING DATA: DSZ160481A* / CA*F4961*6A* + TXV / MBE2000** -1B* — HIGH STAGE

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	1744	MBh	46.5	48.2	52.9	-	45.5	47.1	51.6	-	44.4	46.0	50.4	-	43.3	44.9	49.2	-	41.1	42.6	46.7	-	38.1	39.5	43.3	-
	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	-	
	ΔT	19	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	18	15	11	-	
	kW	2.82	2.88	2.98	-	3.04	3.11	3.21	-	3.24	3.31	3.42	-	3.41	3.48	3.60	-	3.55	3.63	3.75	-	3.68	3.76	3.89	-	
	Amps	5.8	6.0	6.4	-	6.6	6.9	7.3	-	7.6	7.9	8.3	-	8.5	8.8	9.3	-	9.3	9.7	10.2	-	10.2	10.5	11.1	-	
	Hi PR	212	228	241	-	238	256	270	-	270	291	307	-	308	331	350	-	346	373	393	-	382	412	435	-	
	Lo PR	107	114	124	-	113	120	131	-	117	125	136	-	123	131	143	-	129	137	150	-	133	142	155	-	
	MBh	45.2	46.8	51.3	-	44.1	45.7	50.1	-	43.1	44.7	48.9	-	42.0	43.6	47.7	-	39.9	41.4	45.4	-	37.0	38.3	42.0	-	
	S/T	0.72	0.60	0.42	-	0.75	0.63	0.43	-	0.77	0.64	0.44	-	0.79	0.66	0.46	-	0.82	0.69	0.48	-	0.83	0.69	0.48	-	
	ΔT	19	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	18	16	12	-	
	kW	2.80	2.86	2.95	-	3.02	3.08	3.18	-	3.21	3.28	3.39	-	3.38	3.45	3.57	-	3.52	3.60	3.72	-	3.65	3.73	3.86	-	
	Amps	5.7	5.9	6.3	-	6.5	6.8	7.2	-	7.5	7.8	8.2	-	8.4	8.7	9.1	-	9.2	9.5	10.0	-	10.0	10.4	10.9	-	
Hi PR	210	226	238	-	235	253	267	-	267	288	304	-	305	328	346	-	343	369	389	-	379	408	430	-		
Lo PR	106	112	123	-	112	119	130	-	116	123	135	-	122	130	142	-	128	136	148	-	132	141	153	-		
MBh	41.7	43.2	47.4	-	40.7	42.2	46.3	-	39.8	41.2	45.2	-	38.8	40.2	44.1	-	36.9	38.2	41.9	-	34.1	35.4	38.8	-		
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	20	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	19	16	12	-		
kW	2.73	2.79	2.88	-	2.94	3.01	3.10	-	3.13	3.20	3.30	-	3.29	3.37	3.48	-	3.43	3.51	3.63	-	3.55	3.63	3.76	-		
Amps	5.4	5.6	6.0	-	6.2	6.5	6.9	-	7.2	7.5	7.9	-	8.0	8.3	8.7	-	8.8	9.1	9.6	-	9.6	10.0	10.5	-		
Hi PR	203	219	231	-	228	245	259	-	259	279	295	-	296	318	336	-	332	358	378	-	367	395	417	-		
Lo PR	102	109	119	-	108	115	126	-	113	120	131	-	118	126	137	-	124	132	144	-	128	136	149	-		
75	1744	MBh	47.3	48.7	52.8	56.6	46.2	47.6	51.5	55.3	45.1	46.5	50.3	54.0	44.0	45.3	49.1	52.7	41.8	43.1	46.6	50.0	38.7	39.9	43.2	46.3
	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	22	20	16	11	22	20	16	11	22	20	16	11	22	20	16	11	22	20	16	11	22	20	15	11	
	kW	2.85	2.91	3.00	3.10	3.07	3.14	3.24	3.34	3.26	3.34	3.45	3.56	3.44	3.51	3.63	3.75	3.58	3.66	3.79	3.92	3.71	3.79	3.92	4.06	
	Amps	5.9	6.1	6.5	6.9	6.7	7.0	7.4	7.9	7.7	8.0	8.5	9.0	8.6	8.9	9.4	9.9	9.5	9.8	10.3	10.9	10.3	10.7	11.2	11.8	
	Hi PR	214	230	243	253	240	258	273	284	273	294	310	323	311	334	353	368	350	376	397	414	386	416	439	458	
	Lo PR	108	115	125	133	114	121	132	141	118	126	137	146	124	132	144	154	130	139	151	161	135	143	157	167	
	MBh	46.0	47.3	51.2	55.0	44.9	46.2	50.0	53.7	43.8	45.1	48.8	52.4	42.8	44.0	47.6	51.1	40.6	41.8	45.3	48.6	37.6	38.7	41.9	45.0	
	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	22	21	17	12	23	21	17	12	23	21	17	12	23	21	17	12	23	21	17	12	21	19	16	11	
	kW	2.82	2.88	2.98	3.07	3.04	3.11	3.21	3.32	3.24	3.31	3.42	3.53	3.41	3.48	3.60	3.72	3.55	3.63	3.75	3.88	3.68	3.76	3.89	4.02	
	Amps	5.8	6.0	6.4	6.8	6.6	6.9	7.3	7.7	7.6	7.9	8.3	8.8	8.5	8.8	9.3	9.8	9.3	9.7	10.2	10.7	10.2	10.5	11.1	11.7	
Hi PR	212	228	241	251	238	256	270	282	270	291	307	320	308	331	350	365	346	373	393	410	383	412	435	453		
Lo PR	107	114	124	132	113	120	131	139	117	125	136	145	123	131	143	152	129	137	150	160	133	142	155	165		
MBh	42.4	43.7	47.3	50.7	41.4	42.7	46.2	49.6	40.4	41.6	45.1	48.4	39.5	40.6	44.0	47.2	37.5	38.6	41.8	44.8	34.7	35.8	38.7	41.5		
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	23	21	17	12	23	21	17	12	23	21	17	12	23	21	17	12	23	21	17	12	21	20	16	11		
kW	2.76	2.81	2.90	3.00	2.97	3.03	3.13	3.23	3.16	3.23	3.33	3.44	3.32	3.40	3.51	3.63	3.46	3.54	3.66	3.78	3.59	3.67	3.79	3.92		
Amps	5.5	5.7	6.1	6.5	6.3	6.6	7.0	7.4	7.3	7.6	8.0	8.5	8.1	8.4	8.9	9.4	8.9	9.3	9.8	10.3	9.8	10.1	10.6	11.2		
Hi PR	205	221	233	243	230	248	262	273	262	282	298	311	299	321	339	354	336	361	382	398	371	399	422	440		
Lo PR	104	110	120	128	109	116	127	135	114	121	132	141	119	127	139	148	125	133	145	155	129	138	150	160		

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
Design Subcooling 5 - 7°F @ the liquid service valve, AHRI 95 test conditions

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

EXPANDED COOLING DATA: DSZ160601A* / CA*F4961*6A* + TXV/ MBE2000** -1B* - Low Stage

IDB	Airflow	Outdoor Ambient Temperature																							
		65°F				75°F				85°F				95°F				105°F				115°F			
Entering Indoor Wet Bulb Temperature																									
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
1350	MBh	39.8	41.3	45.2	-	38.9	40.3	44.2	-	38.0	39.4	43.1	-	37.0	38.4	42.1	-	35.2	36.5	40.0	-	32.6	33.8	37.0	-
	S/T	0.72	0.61	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	20	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	18	16	12	-
	kW	2.45	2.51	2.59	-	2.65	2.71	2.80	-	2.83	2.89	2.99	-	2.98	3.05	3.16	-	3.12	3.19	3.30	-	3.23	3.31	3.42	-
	Amps	9.5	9.7	10.0	-	10.2	10.5	10.8	-	11.1	11.4	11.8	-	11.9	12.2	12.6	-	12.7	13.0	13.4	-	13.4	13.8	14.2	-
	Hi PR	207	222	235	-	232	250	264	-	264	284	300	-	301	323	341	-	338	364	384	-	374	402	424	-
	Lo PR	104	111	121	-	110	117	128	-	114	122	133	-	120	128	139	-	126	134	146	-	130	138	151	-
	MBh	38.7	40.1	43.9	-	37.8	39.1	42.9	-	36.9	38.2	41.9	-	36.0	37.3	40.8	-	34.2	35.4	38.8	-	31.6	32.8	35.9	-
S/T	0.69	0.58	0.40	-	0.72	0.60	0.41	-	0.73	0.61	0.42	-	0.76	0.63	0.44	-	0.79	0.66	0.46	-	0.79	0.66	0.46	-	
ΔT	20	18	13	-	21	18	14	-	21	18	14	-	21	18	14	-	21	18	14	-	19	17	13	-	
kW	2.43	2.48	2.57	-	2.63	2.69	2.78	-	2.80	2.87	2.97	-	2.96	3.03	3.13	-	3.09	3.16	3.27	-	3.20	3.28	3.39	-	
Amps	9.4	9.6	9.9	-	10.1	10.4	10.7	-	11.0	11.3	11.7	-	11.8	12.1	12.5	-	12.6	12.9	13.3	-	13.3	13.6	14.1	-	
Hi PR	205	220	233	-	230	247	261	-	261	281	297	-	298	320	338	-	335	360	380	-	370	398	420	-	
Lo PR	103	110	120	-	109	116	126	-	113	120	131	-	119	126	138	-	125	133	145	-	129	137	150	-	
MBh	35.7	37.0	40.5	-	34.9	36.1	39.6	-	34.0	35.3	38.6	-	33.2	34.4	37.7	-	31.5	32.7	35.8	-	29.2	30.3	33.2	-	
S/T	0.67	0.56	0.39	-	0.69	0.58	0.40	-	0.71	0.59	0.41	-	0.73	0.61	0.42	-	0.76	0.63	0.44	-	0.76	0.64	0.44	-	
ΔT	21	18	14	-	21	18	14	-	21	18	14	-	21	18	14	-	21	18	14	-	20	17	13	-	
kW	2.37	2.42	2.50	-	2.56	2.62	2.71	-	2.73	2.79	2.89	-	2.88	2.95	3.05	-	3.01	3.08	3.18	-	3.12	3.19	3.30	-	
Amps	9.1	9.3	9.6	-	9.9	10.1	10.4	-	10.7	11.0	11.3	-	11.5	11.7	12.1	-	12.2	12.5	12.9	-	12.9	13.3	13.7	-	
Hi PR	199	214	226	-	223	240	253	-	253	273	288	-	289	311	328	-	325	349	369	-	359	386	408	-	
Lo PR	100	106	116	-	106	112	123	-	110	117	127	-	115	123	134	-	121	129	140	-	125	133	145	-	

1350	MBh	40.5	41.7	45.1	48.4	39.6	40.7	44.1	47.3	38.6	39.8	43.0	46.2	37.7	38.8	42.0	45.1	35.8	36.8	39.9	42.8	33.2	34.1	36.9	39.7
	S/T	0.82	0.74	0.56	0.36	0.85	0.76	0.58	0.37	0.88	0.78	0.59	0.38	0.90	0.81	0.61	0.39	0.94	0.84	0.63	0.41	0.95	0.85	0.64	0.41
	ΔT	23	21	17	12	23	21	17	12	23	21	17	12	23	21	17	12	23	21	17	12	21	20	16	11
	kW	2.47	2.53	2.61	2.70	2.67	2.74	2.83	2.93	2.85	2.92	3.02	3.12	3.01	3.08	3.19	3.30	3.14	3.22	3.33	3.45	3.26	3.34	3.45	3.58
	Amps	9.6	9.8	10.1	10.5	10.3	10.6	10.9	11.3	11.2	11.5	11.9	12.3	12.0	12.3	12.7	13.2	12.8	13.1	13.5	14.1	13.6	13.9	14.4	14.9
	Hi PR	209	225	237	248	234	252	266	278	267	287	303	316	304	327	345	360	342	368	388	405	377	406	429	447
	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
	MBh	39.3	40.5	43.8	47.0	38.4	39.5	42.8	45.9	37.5	38.6	41.8	44.8	36.6	37.7	40.8	43.7	34.7	35.8	38.7	41.6	32.2	33.1	35.9	38.5
S/T	0.79	0.70	0.53	0.34	0.81	0.73	0.55	0.35	0.83	0.75	0.57	0.36	0.86	0.77	0.58	0.38	0.89	0.80	0.61	0.39	0.90	0.81	0.61	0.39	
ΔT	24	22	18	12	24	22	18	12	24	22	18	12	24	22	18	13	24	22	18	12	22	20	17	12	
kW	2.45	2.51	2.59	2.68	2.65	2.71	2.80	2.90	2.83	2.89	2.99	3.10	2.98	3.05	3.16	3.27	3.12	3.19	3.30	3.42	3.23	3.31	3.42	3.54	
Amps	9.5	9.7	10.0	10.4	10.2	10.5	10.8	11.2	11.1	11.4	11.8	12.2	11.9	12.2	12.6	13.1	12.7	13.0	13.4	13.9	13.4	13.8	14.2	14.8	
Hi PR	207	223	235	245	232	250	264	275	264	284	300	313	301	323	342	356	338	364	384	401	374	402	425	443	
Lo PR	104	111	121	129	110	117	128	136	114	122	133	141	120	128	139	149	126	134	146	156	130	138	151	161	
MBh	36.3	37.4	40.4	43.4	35.4	36.5	39.5	42.4	34.6	35.6	38.6	41.4	33.8	34.8	37.6	40.4	32.1	33.0	35.7	38.4	29.7	30.6	33.1	35.5	
S/T	0.76	0.68	0.51	0.33	0.78	0.70	0.53	0.34	0.80	0.72	0.54	0.35	0.83	0.74	0.56	0.36	0.86	0.77	0.58	0.38	0.87	0.78	0.59	0.38	
ΔT	24	22	18	13	24	22	18	13	24	22	18	13	25	23	19	13	24	22	18	13	23	21	17	12	
kW	2.39	2.44	2.52	2.61	2.58	2.64	2.73	2.83	2.75	2.82	2.91	3.02	2.91	2.97	3.08	3.18	3.03	3.11	3.21	3.33	3.15	3.22	3.33	3.45	
Amps	9.2	9.4	9.7	10.1	10.0	10.2	10.5	10.9	10.8	11.1	11.5	11.9	11.6	11.9	12.3	12.7	12.3	12.6	13.0	13.5	13.1	13.4	13.8	14.4	
Hi PR	201	216	228	238	225	242	256	267	256	275	291	303	292	314	331	346	328	353	373	389	362	390	412	430	
Lo PR	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 kW = Total system power Shaded area is ACCA (TVA) conditions Amps = outdoor unit amps (comp. + fan)
 High and low pressures are measured at the liquid and suction service valves. Design Subcooling 5 - 7°F @ the liquid service valve, AHRI 95 test conditions

EXPANDED COOLING DATA: DSZ160601A* / CA*F4961*6A* + TXV/ MBE2000** -1B* — HIGH STAGE

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	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	0.74	0.62	0.43	-	0.77	0.64	0.44	-	0.79	0.66	0.46	-	0.81	0.68	0.47	-	0.84	0.70	0.49	-	0.85	0.71	0.49	-
		ΔT	19	16	12	-	19	16	13	-	19	16	13	-	19	17	13	-	19	16	12	-	18	15	12	-
		kW	3.57	3.65	3.77	-	3.85	3.94	4.07	-	4.10	4.20	4.34	-	4.32	4.42	4.57	-	4.51	4.61	4.77	-	4.67	4.78	4.94	-
		Amps	13.1	13.4	13.9	-	14.2	14.6	15.1	-	15.5	15.9	16.4	-	16.6	17.0	17.6	-	17.7	18.1	18.7	-	18.7	19.2	19.9	-
	1200	Hi PR	214	230	243	-	240	258	273	-	273	294	310	-	311	334	353	-	350	376	397	-	386	416	439	-
		Lo PR	101	107	117	-	107	113	124	-	111	118	129	-	116	124	135	-	122	130	142	-	126	134	146	-
		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	0.71	0.59	0.41	-	0.73	0.61	0.42	-	0.75	0.63	0.43	-	0.78	0.65	0.45	-	0.80	0.67	0.47	-	0.81	0.68	0.47	-
		ΔT	20	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	18	16	12	-
1050	kW	3.54	3.62	3.74	-	3.82	3.91	4.04	-	4.07	4.16	4.30	-	4.29	4.38	4.53	-	4.47	4.58	4.73	-	4.63	4.74	4.90	-	
	Amps	13.0	13.3	13.8	-	14.1	14.4	14.9	-	15.3	15.7	16.3	-	16.4	16.8	17.4	-	17.5	17.9	18.6	-	18.6	19.0	19.7	-	
	Hi PR	212	228	241	-	238	256	270	-	270	291	307	-	308	331	350	-	346	373	393	-	382	412	435	-	
	Lo PR	100	106	116	-	106	112	123	-	110	117	127	-	115	123	134	-	121	128	140	-	125	133	145	-	
	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	-	
75	1350	S/T	0.68	0.57	0.39	-	0.71	0.59	0.41	-	0.72	0.60	0.42	-	0.75	0.62	0.43	-	0.78	0.65	0.45	-	0.78	0.65	0.45	-
		ΔT	20	17	13	-	20	17	13	-	20	17	13	-	20	18	13	-	20	17	13	-	19	16	12	-
		kW	3.46	3.53	3.64	-	3.73	3.81	3.93	-	3.97	4.06	4.19	-	4.18	4.27	4.42	-	4.36	4.46	4.61	-	4.51	4.62	4.77	-
		Amps	12.6	13.0	13.4	-	13.7	14.0	14.5	-	14.9	15.3	15.8	-	16.0	16.4	16.9	-	17.0	17.4	18.0	-	18.0	18.5	19.1	-
		Hi PR	205	221	233	-	230	248	262	-	262	282	298	-	298	321	339	-	336	361	382	-	371	399	422	-
	1200	Lo PR	97	103	112	-	102	109	119	-	106	113	124	-	112	119	130	-	117	125	136	-	121	129	141	-
		MBh	56.8	58.5	63.3	67.9	55.5	57.1	61.8	66.4	54.2	55.8	60.4	64.8	52.8	54.4	58.9	63.2	50.2	51.7	55.9	60.0	46.5	47.9	51.8	55.6
		S/T	0.84	0.75	0.57	0.37	0.87	0.78	0.59	0.38	0.90	0.80	0.61	0.39	0.92	0.83	0.63	0.40	0.96	0.86	0.65	0.42	0.97	0.87	0.65	0.42
		ΔT	22	20	16	11	22	20	17	11	22	20	17	11	22	20	17	12	22	20	16	11	20	19	15	11
		kW	3.60	3.68	3.80	3.93	3.89	3.97	4.10	4.24	4.14	4.23	4.37	4.52	4.36	4.46	4.61	4.77	4.55	4.65	4.81	4.98	4.71	4.82	4.99	5.16
1050	Amps	13.2	13.6	14.0	14.6	14.4	14.7	15.2	15.8	15.6	16.0	16.6	17.2	16.7	17.2	17.7	18.4	17.8	18.3	18.9	19.7	18.9	19.4	20.1	20.9	
	Hi PR	216	232	245	256	242	261	275	287	276	297	313	327	314	338	357	372	353	380	401	419	390	420	443	463	
	Lo PR	102	108	118	126	108	115	125	133	112	119	130	138	118	125	136	145	123	131	143	152	127	136	148	158	
	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	0.80	0.72	0.54	0.35	0.83	0.74	0.56	0.36	0.85	0.76	0.58	0.37	0.88	0.79	0.60	0.38	0.91	0.82	0.62	0.40	0.92	0.83	0.62	0.40	
75	1200	ΔT	23	21	17	12	23	21	17	12	23	21	17	12	23	21	17	12	23	21	17	12	21	20	16	11
		kW	3.57	3.65	3.77	3.89	3.85	3.94	4.07	4.21	4.10	4.20	4.34	4.48	4.32	4.42	4.57	4.73	4.51	4.62	4.77	4.94	4.67	4.78	4.94	5.12
		Amps	13.1	13.5	13.9	14.4	14.2	14.6	15.1	15.6	15.5	15.9	16.4	17.0	16.6	17.0	17.6	18.3	17.7	18.1	18.7	19.5	18.8	19.2	19.9	20.7
		Hi PR	214	230	243	253	240	258	273	284	273	294	310	323	311	335	353	368	350	376	397	414	386	416	439	458
		Lo PR	101	107	117	125	107	113	124	132	111	118	129	137	116	124	135	144	122	130	142	151	126	134	146	156
	1050	MBh	50.9	52.4	56.7	60.9	49.7	51.2	55.4	59.5	48.5	50.0	54.1	58.1	47.3	48.8	52.8	56.6	45.0	46.3	50.1	53.8	41.7	42.9	46.4	49.8
		S/T	0.77	0.69	0.52	0.34	0.80	0.72	0.54	0.35	0.82	0.74	0.56	0.36	0.85	0.76	0.58	0.37	0.88	0.79	0.60	0.38	0.89	0.80	0.60	0.39
		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	3.48	3.56	3.67	3.80	3.76	3.84	3.97	4.10	4.00	4.09	4.23	4.37	4.21	4.31	4.45	4.61	4.40	4.50	4.65	4.81	4.55	4.66	4.82	4.98
		Amps	12.8	13.1	13.5	14.0	13.8	14.2	14.6	15.2	15.1	15.4	16.0	16.6	16.1	16.5	17.1	17.7	17.2	17.6	18.2	18.9	18.2	18.7	19.3	20.1
Hi PR	207	223	236	246	233	250	265	276	265	285	301	314	302	324	343	357	339	365	385	402	375	403	426	444		
Lo PR	98	104	114	121	103	110	120	128	107	114	125	133	113	120	131	140	118	126	137	146	122	130	142	151		

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

EXPANDED HEATING DATA — Low Stage

DSZ160241A* / CA*F3636C6C* + TXV / MBE1600**-1B*

Low Stage

	Outdoor Ambient Temperature																	
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10
MBh	20.8	19.7	18.5	17.3	16.6	16.0	14.9	13.7	13.1	12.1	11.1	10.5	10.1	9.1	8.1	7.0	6.0	4.9
ΔT	30.2	28.6	26.9	25.2	24.1	23.3	21.7	20.0	19.0	17.6	16.2	15.3	14.7	13.2	11.7	10.2	8.7	7.1
kW	1.42	1.40	1.37	1.34	1.32	1.31	1.28	1.25	1.37	1.33	1.30	1.28	1.27	1.23	1.20	1.17	1.14	1.10
Amps	6.8	6.3	5.9	5.6	5.4	5.3	5.0	4.7	4.5	4.3	4.1	4.0	4.0	3.8	3.5	3.3	3.1	2.8
COP	4.27	4.13	3.97	3.79	3.67	3.59	3.41	3.21	2.81	2.66	2.51	2.40	2.34	2.15	1.96	1.76	1.54	1.30
EER	14.6	14.1	13.6	13.0	12.5	12.3	11.6	11.0	9.6	9.1	8.6	8.2	8.0	7.4	6.7	6.0	5.3	4.5
Hi PR	360	345	331	317	309	304	292	280	268	256	246	240	236	227	218	209	202	195
Lo PR	150	139	130	119	113	109	100	89	80	72	63	59	56	48	41	35	30	24

DSZ160361A* / CA*F3743*6A* + TXV / MBE1600**-1B*

Low Stage

	Outdoor Ambient Temperature																	
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10
MBh	30.3	28.7	27.0	25.3	24.1	23.4	21.7	20.0	18.1	16.7	15.4	14.5	14.0	12.6	11.1	9.7	8.3	6.8
ΔT	35.1	33.2	31.3	29.2	27.9	27.1	25.1	23.2	21.0	19.4	17.8	16.8	16.2	14.5	12.9	11.2	9.6	7.9
kW	2.03	1.98	1.94	1.90	1.9	1.86	1.82	1.78	1.93	1.89	1.84	1.81	1.79	1.75	1.70	1.65	1.61	1.56
Amps	9.8	9.1	8.5	8.0	7.8	7.6	7.2	6.8	6.6	6.3	6.0	5.8	5.8	5.5	5.1	4.8	4.5	4.1
COP	4.38	4.23	4.07	3.89	3.76	3.68	3.49	3.29	2.74	2.60	2.45	2.35	2.29	2.11	1.92	1.72	1.51	1.27
EER	15.0	14.5	13.9	13.3	12.8	12.6	11.9	11.3	9.4	8.9	8.4	8.0	7.8	7.2	6.6	5.9	5.2	4.4
Hi PR	379	363	349	334	326	320	307	295	282	270	259	253	248	239	230	220	212	205
Lo PR	149	139	130	119	113	108	100	89	80	72	63	58	56	48	41	35	30	24

DSZ160481A* / CA*F4961*6A* +T XV / MBE2000**-1B*

Low Stage

	Outdoor Ambient Temperature																	
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10
MBh	43.2	40.9	38.5	36.0	34.4	33.3	30.9	28.5	25.7	23.7	21.8	20.6	19.9	17.8	15.8	13.8	11.8	9.6
ΔT	37.2	35.2	33.1	31.0	29.6	28.7	26.6	24.6	22.1	20.4	18.8	17.8	17.1	15.4	13.6	11.9	10.1	8.3
kW	2.97	2.91	2.85	2.79	2.8	2.72	2.66	2.60	2.71	2.65	2.58	2.54	2.52	2.45	2.38	2.32	2.25	2.18
Amps	14.1	13.1	12.2	11.5	11.1	10.9	10.3	9.7	9.3	8.9	8.5	8.3	8.1	7.7	7.2	6.8	6.3	5.6
COP	4.25	4.11	3.95	3.78	3.66	3.58	3.40	3.21	2.77	2.62	2.48	2.38	2.31	2.13	1.94	1.74	1.53	1.29
EER	14.5	14.0	13.5	12.9	12.5	12.2	11.6	11.0	9.5	9.0	8.5	8.1	7.9	7.3	6.6	5.9	5.2	4.4
Hi PR	411	394	379	362	354	347	334	320	307	293	281	275	270	259	249	239	231	223
Lo PR	145	135	126	116	110	105	97	86	78	70	61	57	55	46	40	34	29	23

DSZ160601A* / CA*F4961*6A* + TXV / MBE2000**-1B*

Low Stage

	Outdoor Ambient Temperature																	
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10
MBh	52.2	49.5	46.5	43.5	41.6	40.3	37.4	34.5	33.0	30.4	28.0	26.5	25.5	22.9	20.3	17.7	15.1	12.4
ΔT	40.3	38.2	35.9	33.6	32.1	31.1	28.9	26.6	25.4	23.5	21.6	20.4	19.7	17.6	15.6	13.6	11.6	9.5
kW	3.67	3.59	3.51	3.44	3.4	3.36	3.28	3.21	3.42	3.34	3.25	3.20	3.17	3.08	3.00	2.91	2.82	2.74
Amps	17.4	16.1	15.0	14.1	13.6	13.3	12.6	11.9	11.4	10.9	10.3	10.1	9.9	9.4	8.8	8.2	7.6	6.8
COP	4.16	4.03	3.88	3.71	3.59	3.51	3.33	3.15	2.82	2.67	2.52	2.42	2.35	2.17	1.98	1.78	1.56	1.32
EER	14.2	13.8	13.2	12.7	12.3	12.0	11.4	10.8	9.6	9.1	8.6	8.3	8.0	7.4	6.8	6.1	5.3	4.5
Hi PR	402	385	371	354	346	339	326	313	300	286	275	268	264	254	244	234	226	218
Lo PR	141	131	123	113	107	103	94	84	76	68	59	55	53	45	39	33	29	22

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

Low pressure is measured at the gauge port connection.

Amps = Outdoor unit amps (comp.+fan)

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

kW = Total system power

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

EXPANDED HEATING DATA — HIGH STAGE

DSZ160241A* / CA*F3636C6C* + TXV / MBE1600**-1B*

High Stage

	Outdoor Ambient Temperature																	
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10
MBh	30.2	28.6	26.9	25.1	24.0	23.3	21.6	19.9	18.7	17.3	15.9	15.0	14.4	13.0	11.5	10.0	8.6	7.0
ΔT	31.9	30.2	28.4	26.6	25.4	24.6	22.9	21.1	19.8	18.3	16.8	15.9	15.3	13.7	12.2	10.6	9.0	7.4
kW	1.86	1.83	1.79	1.75	1.7	1.71	1.68	1.64	1.72	1.68	1.64	1.61	1.60	1.56	1.52	1.48	1.44	1.40
Amps	8.7	8.0	7.5	7.1	6.8	6.7	6.3	6.0	5.7	5.5	5.2	5.1	5.0	4.8	4.5	4.2	3.9	3.5
COP	4.74	4.58	4.40	4.20	4.06	3.97	3.77	3.55	3.18	3.01	2.84	2.72	2.65	2.44	2.22	1.99	1.74	1.47
EER	16.2	15.6	15.0	14.3	13.9	13.6	12.9	12.1	10.9	10.3	9.7	9.3	9.0	8.3	7.6	6.8	6.0	5.0
Hi PR	359	344	331	316	309	303	291	279	268	256	245	240	235	226	218	209	201	194
Lo PR	145	134	126	116	109	105	97	86	78	69	61	57	55	46	40	34	29	23

DSZ160361A* / CA*F3743*6A* + TXV / MBE1600**-1B*

High Stage

	Outdoor Ambient Temperature																	
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10
MBh	43.2	40.9	38.5	36.0	34.4	33.3	31.0	28.6	26.2	24.2	22.2	21.0	20.2	18.1	16.1	14.0	12.0	9.8
ΔT	34.8	33.0	31.0	29.0	27.7	26.8	24.9	23.0	21.1	19.4	17.9	16.9	16.3	14.6	13.0	11.3	9.6	7.9
kW	2.80	2.74	2.69	2.63	2.6	2.57	2.52	2.46	2.39	2.33	2.28	2.24	2.22	2.16	2.11	2.05	2.00	1.94
Amps	13.1	12.1	11.4	10.7	10.3	10.1	9.5	9.1	8.7	8.3	7.9	7.7	7.6	7.2	6.7	6.4	5.9	5.3
COP	4.52	4.37	4.20	4.01	3.88	3.79	3.60	3.40	3.21	3.03	2.86	2.74	2.66	2.45	2.23	2.00	1.75	1.48
EER	15.4	14.9	14.3	13.7	13.2	13.0	12.3	11.6	11.0	10.4	9.8	9.4	9.1	8.4	7.6	6.8	6.0	5.0
Hi PR	391	375	360	344	336	330	317	304	292	279	267	261	256	247	237	227	219	212
Lo PR	143	133	125	114	108	104	96	85	77	69	60	56	54	46	39	33	29	23

DSZ160481A* / CA*F4961*6A* +T XV / MBE2000**-1B*

High Stage

	Outdoor Ambient Temperature																	
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10
MBh	59.1	55.9	52.6	49.2	47.0	45.5	42.3	39.0	41.1	38.0	34.9	33.0	31.8	28.5	25.3	22.0	18.8	15.4
ΔT	35.3	33.4	31.4	29.4	28.1	27.2	25.3	23.3	24.6	22.7	20.9	19.7	19.0	17.0	15.1	13.2	11.2	9.2
kW	3.81	3.73	3.65	3.58	3.5	3.50	3.42	3.35	3.33	3.25	3.17	3.13	3.10	3.02	2.94	2.86	2.78	2.71
Amps	18.8	17.1	15.6	14.4	13.7	13.3	12.2	11.3	10.6	9.9	9.2	8.8	8.6	7.9	7.0	6.3	5.4	4.3
COP	4.54	4.39	4.22	4.03	3.89	3.81	3.61	3.41	3.61	3.42	3.22	3.09	3.00	2.77	2.52	2.25	1.98	1.67
EER	15.5	15.0	14.4	13.8	13.3	13.0	12.4	11.7	12.3	11.7	11.0	10.6	10.3	9.5	8.6	7.7	6.8	5.7
Hi PR	402	386	371	354	346	340	326	313	300	287	275	269	264	254	244	234	226	218
Lo PR	139	129	121	111	105	101	93	82	74	66	58	54	52	44	38	32	28	22

DSZ160601A* / CA*F4961*6A* + TXV / MBE2000**-1B*

High Stage

	Outdoor Ambient Temperature																	
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10
MBh	71.6	67.8	63.8	59.7	57.0	55.2	51.3	47.3	44.9	41.4	38.1	36.0	34.7	31.1	27.6	24.0	20.5	16.8
ΔT	36.9	34.9	32.8	30.7	29.3	28.4	26.4	24.3	23.1	21.3	19.6	18.5	17.8	16.0	14.2	12.4	10.6	8.6
kW	4.73	4.63	4.53	4.44	4.4	4.34	4.25	4.15	4.27	4.16	4.06	4.00	3.96	3.86	3.76	3.66	3.55	3.45
Amps	21.6	20.0	18.6	17.5	16.9	16.5	15.5	14.7	14.1	13.4	12.8	12.4	12.3	11.6	10.8	10.1	9.3	8.3
COP	4.44	4.29	4.12	3.94	3.81	3.73	3.54	3.34	3.08	2.91	2.75	2.63	2.56	2.36	2.15	1.92	1.69	1.42
EER	15.2	14.7	14.1	13.5	13.0	12.7	12.1	11.4	10.5	9.9	9.4	9.0	8.7	8.1	7.3	6.6	5.8	4.9
Hi PR	395	379	364	348	340	334	321	308	295	282	270	264	259	249	240	230	222	214
Lo PR	133	124	116	106	101	97	89	79	71	64	56	52	50	43	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.

Amps = Outdoor unit amps (comp.+fan)

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

kW = Total system power

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

AHRI PERFORMANCE RATINGS

Outdoor Units	Indoor Units		Cooling Capacity				Heating Capacity			AHRI #
	Coils/ Air Handlers	Furnace/ Blower	Total	Sensible	EER ¹	SEER ²	High	HSPF ³	Low	
DSZ16 0241A*	AEPF303616C*+TXV		24,000	19,000	12.5	16	23,000	9.5	15,000	3367860
	CA*F3636*6B*+TXV	A*V80704B**	24,000	19,000	12.5	16	23,000	9.5	15,000	3367861
	CA*F3636*6B*+TXV	G*V80704B**	24,000	19,000	12.5	16	23,000	9.5	15,000	3367862
	CA*F3636*6B*+TXV	G*V80905C**	24,000	19,000	12.5	16	23,000	9.5	15,000	3367863
	CA*F3636*6B*+TXV	G*V81155C**	24,000	19,000	12.5	16	23,000	9.5	15,000	3367864
	CA*F3636*6B*+TXV	G*V950453B**	23,000	18,200	12	15.5	24,000	9.5	15,000	3367865
	CA*F3636*6B*+TXV	G*V950704C**	24,000	19,000	12.5	16	23,000	9.5	15,000	3367866
	CA*F3636*6B*+TXV	MBE1200**-1B*	24,000	19,000	12.5	16	24,000	9.5	15,000	3372179
	CA*F3636*6B*+TXV	MBE1600**-1B*	24,000	19,000	12.5	16	23,000	9.5	15,000	3372180
	CA*F3636*6C*+TXV	A*V80704B**	24,000	19,000	12.5	16	23,000	9.5	15,000	3372183
	CA*F3636*6C*+TXV	G*V80704B**	24,000	19,000	12.5	16	23,000	9.5	15,000	3372184
	CA*F3636*6C*+TXV	G*V80905C**	24,000	19,000	12.5	16	23,000	9.5	15,000	3372185
	CA*F3636*6C*+TXV	G*V81155C**	24,000	19,000	12.5	16	23,000	9.5	15,000	3372186
	CA*F3636*6C*+TXV	G*V90704C**	24,000	19,000	12.5	16	23,000	9.5	15,000	3372187
	CA*F3636*6C*+TXV	G*V950453B**	23,000	18,200	12	15.5	24,000	9.5	15,000	3372188
	CA*F3636*6C*+TXV	G*V950704C**	24,000	19,000	12.5	16	23,000	9.5	15,000	3372189
	CA*F3636*6C*+TXV	MBE1200**-1B*	24,000	19,000	12.5	16	24,000	9.5	15,000	3372181
	CA*F3636*6C*+TXV	MBE1600**-1B*	24,000	19,000	12.5	16	23,000	9.5	15,000	3372182
	CA*F3642*6B*+TXV	A*V80704B**	24,000	19,000	12.5	16	24,000	9.5	15,000	3367867
	CA*F3642*6B*+TXV	G*V80704B**	24,000	19,000	12.5	16	24,000	9.5	15,000	3367868
	CA*F3642*6B*+TXV	G*V80905C**	24,000	19,000	12.5	16	24,000	9.5	15,000	3367869
	CA*F3642*6B*+TXV	G*V81155C**	24,000	19,000	12.5	16	24,000	9.5	15,000	3367870
	CA*F3642*6B*+TXV	G*V950453B**	24,000	19,000	12	15.5	24,000	9.3	15,000	3367871
	CA*F3642*6B*+TXV	MBE1600**-1B*	24,000	19,000	12.5	16	24,000	9.5	15,000	3372190
	CA*F3642*6C*+TXV	A*V80704B**	24,000	19,000	12.5	16	24,000	9.5	15,000	3372192
	CA*F3642*6C*+TXV	G*V80704B**	24,000	19,000	12.5	16	24,000	9.5	15,000	3372193
	CA*F3642*6C*+TXV	G*V80905C**	24,000	19,000	12.5	16	24,000	9.5	15,000	3372194
	CA*F3642*6C*+TXV	G*V81155C**	24,000	19,000	12.5	16	24,000	9.5	15,000	3372195
	CA*F3642*6C*+TXV	G*V950453B**	24,000	19,000	12	15.5	24,000	9.3	15,000	3372196
	CA*F3642*6C*+TXV	MBE1600**-1B*	24,000	19,000	12.5	16	24,000	9.5	15,000	3372191
	CHPF3636B6B*+TXV	A*V80704B**	24,000	19,000	12.5	16	24,000	9.5	15,000	3367873
	CHPF3636B6B*+TXV	G*V80704B**	24,000	19,000	12.5	16	24,000	9.5	15,000	3367874
	CHPF3636B6B*+TXV	G*V80905C**	24,000	19,000	12.5	16	24,000	9.5	15,000	3367875
	CHPF3636B6B*+TXV	G*V81155C**	24,000	19,000	12.5	16	24,000	9.5	15,000	3367876
	CHPF3636B6B*+TXV	G*V950453B**	24,000	19,000	12	15.5	24,000	9.3	15,000	3367877
	CHPF3636B6B*+TXV	MBE1200**-1B*	24,000	19,000	12.5	16	23,000	9.5	15,000	3367872
	CHPF3636B6C*+TXV	A*V80704B**	24,000	19,000	12.5	16	24,000	9.5	15,000	3367879
	CHPF3636B6C*+TXV	G*V80704B**	24,000	19,000	12.5	16	24,000	9.5	15,000	3367880
	CHPF3636B6C*+TXV	G*V80905C**	24,000	19,000	12.5	16	24,000	9.5	15,000	3367881
	CHPF3636B6C*+TXV	G*V81155C**	24,000	19,000	12.5	16	24,000	9.5	15,000	3367882
CHPF3636B6C*+TXV	G*V950453B**	24,000	19,000	12	15.5	24,000	9.3	15,000	3367883	
CHPF3636B6C*+TXV	MBE1200**-1B*	24,000	19,000	12.5	16	23,000	9.5	15,000	3367878	
CHPF3642C6B*+TXV	A*V80704B**	24,000	19,000	12.5	16	24,000	9.5	15,000	3367884	
CHPF3642C6B*+TXV	G*V80704B**	24,000	19,000	12.5	16	24,000	9.5	15,000	3367885	

See Notes on Page 26.

AHRI PERFORMANCE RATINGS (CONT.)

Outdoor Units	Indoor Units		Cooling Capacity				Heating Capacity			AHRI #
	Coils/ Air Handlers	Furnace/ Blower	Total	Sensible	EER ¹	SEER ²	High	HSPF ³	Low	
DSZ16 0241A* (cont.)	CHPF3642C6B*+TXV	G*V80905C**	24,000	19,000	12.5	16	24,000	9.5	15,000	3367886
	CHPF3642C6B*+TXV	G*V81155C**	24,000	19,000	12.5	16	24,000	9.5	15,000	3367887
	CHPF3642C6B*+TXV	G*V950453B**	24,000	19,000	12	15.5	24,000	9.3	15,000	3367888
	CHPF3642C6B*+TXV	MBE1600**-1B*	24,000	19,000	12.5	16	24,000	9.5	15,000	3372197
	CHPF3642C6C*+TXV	A*V80704B**	24,000	19,000	12.5	16	24,000	9.5	15,000	3367890
	CHPF3642C6C*+TXV	G*V80704B**	24,000	19,000	12.5	16	24,000	9.5	15,000	3367891
	CHPF3642C6C*+TXV	G*V80905C**	24,000	19,000	12.5	16	24,000	9.5	15,000	3367892
	CHPF3642C6C*+TXV	G*V81155C**	24,000	19,000	12.5	16	24,000	9.5	15,000	3367893
	CHPF3642C6C*+TXV	G*V950453B**	24,000	19,000	12	15.5	24,000	9.3	15,000	3367894
	CHPF3642C6C*+TXV	G*V950704C**	24,000	19,000	12.5	16	24,000	9.5	15,000	3367895
	CHPF3642C6C*+TXV	MBE1600**-1B*	24,000	19,000	12.5	16	24,000	9.5	15,000	3367889
	CHPF3743C6A*+TXV	G*V80905C**	24,000	19,000	12.5	16	24,000	9.5	15,000	3367896
	CHPF3743C6A*+TXV	G*V81155C**	24,000	19,000	12.5	16	24,000	9.5	15,000	3367897
	CHPF3743C6A*+TXV	G*V950704C**	24,000	19,000	12.5	16	24,000	9.5	15,000	3367898
	CHPF3743C6B*+TXV	G*V80905C**	24,000	19,000	12.5	16	24,000	9.5	15,000	3367899
	CHPF3743C6B*+TXV	G*V81155C**	24,000	19,000	12.5	16	24,000	9.5	15,000	3367900
	CHPF3743C6B*+TXV	G*V950704C**	24,000	19,000	12.5	16	24,000	9.5	15,000	3367901
	CHPF3743D6A*+TXV	MBE1600**-1B*	24,000	19,000	12.5	16	23,000	9.5	15,000	3372198
	CHPF3743D6B*+TXV	MBE1600**-1B*	24,000	19,000	12.5	16	23,000	9.5	15,000	3372199
	CHTF3636B6A*+TXV	MBE1200**-1B*	24,000	19,000	12.5	16	23,000	9.5	15,000	3372200
	CHTF3642C6A*+TXV	MBE1600**-1B*	24,000	19,000	12.5	16	24,000	9.5	15,000	3372201
	CSCF3036N6B*+TXV	A*V80704B**	23,400	18,500	12	15	23,000	9.1	15,000	3367902
	CSCF3036N6B*+TXV	G*V80704B**	23,400	18,500	12	15	23,000	9.1	15,000	3367903
	CSCF3036N6B*+TXV	G*V80905C**	24,000	19,000	12.5	16	24,000	9.5	15,000	3367904
	CSCF3036N6B*+TXV	G*V81155C**	24,000	19,000	12.5	16	24,000	9.5	15,000	3367905
	CSCF3036N6B*+TXV	G*V950453B**	23,400	18,500	12	15	23,000	9.3	15,000	3367906
	CSCF3036N6B*+TXV	G*V950704C**	24,000	19,000	12.5	16	24,000	9.5	15,000	3367907
	CSCF3642N6C*+TXV	A*V80704B**	24,000	19,000	12.5	16	24,000	9.5	15,000	3367908
	CSCF3642N6C*+TXV	G*V80704B**	24,000	19,000	12.5	16	24,000	9.5	15,000	3367909
	CSCF3642N6C*+TXV	G*V80905C**	24,000	19,000	12.5	16	24,000	9.5	15,000	3367910
	CSCF3642N6C*+TXV	G*V81155C**	24,000	19,000	12.5	16	24,000	9.5	15,000	3367911
	CSCF3642N6C*+TXV	G*V950453B**	24,000	19,000	12	15.5	24,000	9.3	15,000	3367912
	CT*F3636*6A*+TXV	MBE1200**-1B*	24,000	19,000	12.5	16	24,000	9.5	15,000	3372324
CT*F3636*6A*+TXV	MBE1600**-1B*	24,000	19,000	12.5	16	24,000	9.5	15,000	3372325	
CT*F3642*6A*+TXV	MBE1600**-1B*	24,000	19,000	12.5	16	24,000	9.5	15,000	3372326	
DSZ16 0361A*	AEPF303616B*+TXV		34,600	27,400	12.5	16	34,400	9.75	21,000	3367913
	CA*F3743*6A*+TXV	A*V80704B**	34,200	27,100	11.5	15.5	34,000	9.3	21,000	3367914
	CA*F3743*6A*+TXV	G*V80704B**	34,200	27,100	11.5	15.5	34,000	9.3	21,000	3367915
	CA*F3743*6A*+TXV	G*V80905C**	34,200	27,100	12	15	34,000	9.5	20,400	3367916
	CA*F3743*6A*+TXV	G*V81155C**	34,600	27,400	12	15	34,000	9.5	20,400	3367917
	CA*F3743*6A*+TXV	G*V950453B**	34,600	27,400	11.5	15.5	34,000	9.3	21,000	3367918
	CA*F3743*6A*+TXV	G*V950704C**	34,600	27,400	12	16	34,000	9.3	21,000	3367919
	CA*F3743*6A*+TXV	G*V950905D**	34,600	27,400	12.5	16	34,400	9.5	21,000	3367920
	CA*F3743*6A*+TXV	G*V951155D**	34,600	27,400	12.5	16	34,400	9.5	21,000	3367921

See Notes on Page 26.

AHRI PERFORMANCE RATINGS (CONT.)

Outdoor Units	Indoor Units		Cooling Capacity				Heating Capacity			AHRI #
	Coils/ Air Handlers	Furnace/ Blower	Total	Sensible	EER ¹	SEER ²	High	HSPF ³	Low	
DSZ16 0361A* (cont.)	CA*F3743*6A*+TXV	MBE1600**-1B*	34,600	27,400	12.5	16	34,400	9.75	21,000	3372327
	CA*F3743*6A*+TXV	MBE2000**-1B*	34,600	27,400	12.5	16	34,400	9.5	21,000	3372202
	CA*F4860*6B*+TXV	A*V80704B**	35,000	27,700	11.5	15.5	34,000	9.3	21,000	3367922
	CA*F4860*6B*+TXV	G*V80704B**	35,000	27,700	11.5	15.5	34,000	9.3	21,000	3367923
	CA*F4860*6B*+TXV	G*V80905C**	35,000	27,700	12	15.5	34,000	9.5	20,400	3367924
	CA*F4860*6B*+TXV	G*V81155C**	35,000	27,700	12	15	34,000	9.5	20,400	3367925
	CA*F4860*6B*+TXV	G*V950453B**	35,000	27,700	11.5	15.5	34,000	9.3	21,000	3367926
	CA*F4860*6B*+TXV	G*V950704C**	35,000	27,700	12	16	34,000	9.3	21,000	3367927
	CA*F4860*6B*+TXV	G*V950905D**	35,000	27,700	12.5	16	34,400	9.5	21,000	3367928
	CA*F4860*6B*+TXV	G*V951155D**	35,000	27,700	12.5	16	34,400	9.5	21,000	3367929
	CA*F4860*6B*+TXV	MBE1600**-1B*	35,000	27,700	12.5	16	34,400	9.5	21,000	3372203
	CA*F4860*6B*+TXV	MBE2000**-1B*	35,000	27,700	12.5	16	34,400	9.5	21,000	3372204
	CA*F4961*6A*+TXV	G*V90905D**	34,600	27,400	12.5	16	34,400	9.75	21,000	3367930
	CHPF3642C6C*+TXV	MBE1600**-1B*	34,600	27,400	12.5	16	34,400	9.5	21,000	3367931
	CHPF3642D6C*+TXV	G*V950905D**	34,600	27,400	12.5	16	34,400	9.5	21,000	3367933
	CHPF3642D6C*+TXV	G*V951155D**	34,600	27,400	12.5	16	34,400	9.5	21,000	3367934
	CHPF3642D6C*+TXV	MBE2000**-1B*	34,600	27,400	12.5	16	34,400	9.5	21,000	3367932
	CHPF3743C6A*+TXV	A*V80704B**	34,600	27,400	11.5	15.5	34,000	9.3	21,000	3367935
	CHPF3743C6A*+TXV	G*V80704B**	34,600	27,400	11.5	15.5	34,000	9.3	21,000	3367936
	CHPF3743C6A*+TXV	G*V80905C**	35,000	27,700	12	15	34,000	9.5	20,400	3367937
	CHPF3743C6A*+TXV	G*V81155C**	34,600	27,400	12	15	34,000	9.5	20,400	3367938
	CHPF3743C6A*+TXV	G*V950453B**	34,600	27,400	11.5	15.5	34,000	9.3	21,000	3367939
	CHPF3743C6A*+TXV	G*V950704C**	34,600	27,400	12	16	34,000	9.3	21,000	3367940
	CHPF3743C6A*+TXV	G*V950905D**	34,600	27,400	12.5	16	34,400	9.5	21,000	3367941
	CHPF3743C6A*+TXV	G*V951155D**	34,600	27,400	12.5	16	34,400	9.5	21,000	3367942
	CHPF3743C6A*+TXV	MBE1600**-1B*	34,600	27,400	12.5	16	34,400	9.5	21,000	3372205
	CHPF3743C6B*+TXV	A*V80704B**	34,600	27,400	11.5	15.5	34,000	9.3	21,000	3367944
	CHPF3743C6B*+TXV	G*V80704B**	34,600	27,400	11.5	15.5	34,000	9.3	21,000	3367945
	CHPF3743C6B*+TXV	G*V80905C**	35,000	27,700	12	15	34,000	9.5	20,400	3367946
	CHPF3743C6B*+TXV	G*V81155C**	34,600	27,400	12	15	34,000	9.5	20,400	3367947
	CHPF3743C6B*+TXV	G*V950453B**	34,600	27,400	11.5	15.5	34,000	9.3	21,000	3367948
	CHPF3743C6B*+TXV	G*V950704C**	34,600	27,400	12	16	34,000	9.3	21,000	3367949
	CHPF3743C6B*+TXV	G*V950905D**	34,600	27,400	12.5	16	34,400	9.5	21,000	3367950
	CHPF3743C6B*+TXV	G*V951155D**	34,600	27,400	12.5	16	34,400	9.5	21,000	3367951
	CHPF3743C6B*+TXV	MBE1600**-1B*	34,600	27,400	12.5	16	34,400	9.5	21,000	3367943
	CHPF3743D6A*+TXV	A*V80704B**	34,600	27,400	11.5	15.5	34,000	9.3	21,000	3372207
	CHPF3743D6A*+TXV	G*V80704B**	34,600	27,400	11.5	15.5	34,000	9.3	21,000	3372208
	CHPF3743D6A*+TXV	G*V80905C**	34,200	27,100	12	15.5	34,000	9.5	20,400	3372209
	CHPF3743D6A*+TXV	G*V81155C**	34,600	27,400	12	15	34,000	9.5	20,400	3372210
	CHPF3743D6A*+TXV	G*V950453B**	34,600	27,400	11.5	15.5	34,000	9.3	21,000	3372211
	CHPF3743D6A*+TXV	G*V950704C**	34,600	27,400	12	16	34,000	9.3	21,000	3372212
	CHPF3743D6A*+TXV	G*V950905D**	34,600	27,400	12.5	16	34,400	9.5	21,000	3372213
CHPF3743D6A*+TXV	G*V951155D**	34,600	27,400	12.5	16	34,400	9.5	21,000	3372214	
CHPF3743D6A*+TXV	MBE2000**-1B*	34,600	27,400	12.5	16	34,400	9.5	21,000	3372206	

See Notes on Page 26.

AHRI PERFORMANCE RATINGS (CONT.)

Outdoor Units	Indoor Units		Cooling Capacity				Heating Capacity			AHRI #	
	Coils/ Air Handlers	Furnace/ Blower	Total	Sensible	EER ¹	SEER ²	High	HSPF ³	Low		
DSZ16 0361A* (cont.)	CHPF3743D6B*+TXV	A*V80704B**	34,600	27,400	11.5	15.5	34,000	9.3	21,000	3372215	
	CHPF3743D6B*+TXV	G*V80704B**	34,600	27,400	11.5	15.5	34,000	9.3	21,000	3372216	
	CHPF3743D6B*+TXV	G*V80905C**	34,200	27,100	12	15.5	34,000	9.5	20,400	3372217	
	CHPF3743D6B*+TXV	G*V81155C**	34,600	27,400	12	15	34,000	9.5	20,400	3372218	
	CHPF3743D6B*+TXV	G*V950453B**	34,600	27,400	11.5	15.5	34,000	9.3	21,000	3372219	
	CHPF3743D6B*+TXV	G*V950704C**	34,600	27,400	12	16	34,000	9.3	21,000	3372220	
	CHPF3743D6B*+TXV	G*V950905D**	34,600	27,400	12.5	16	34,400	9.5	21,000	3372221	
	CHPF3743D6B*+TXV	G*V951155D**	34,600	27,400	12.5	16	34,400	9.5	21,000	3372222	
	CHPF3743D6B*+TXV	MBE2000**-1B*	34,600	27,400	12.5	16	34,400	9.5	21,000	3367952	
	CHTF3743C6A*+TXV	MBE1600**-1B*	34,600	27,400	12.5	16	34,400	9.5	21,000	3372223	
	CHTF3743D6A*+TXV	MBE2000**-1B*	34,600	27,400	12.5	16	34,400	9.5	21,000	3372224	
	CSCF3642N6C*+TXV	A*V80704B**	34,600	27,400	11.5	15.5	34,000	9.3	21,000	3367953	
	CSCF3642N6C*+TXV	G*V80704B**	34,600	27,400	11.5	15.5	34,000	9.3	21,000	3367954	
	CSCF3642N6C*+TXV	G*V80905C**	35,000	27,700	12	15	34,000	9.5	20,400	3367955	
	CSCF3642N6C*+TXV	G*V81155C**	34,600	27,400	12	15	34,000	9.5	20,400	3367956	
	CSCF3642N6C*+TXV	G*V950453B**	34,600	27,400	11.5	15.5	34,000	9.3	21,000	3367957	
	CSCF3642N6C*+TXV	G*V950704C**	34,600	27,400	12	16	34,000	9.3	21,000	3367958	
	CSCF3642N6C*+TXV	G*V950905D**	34,600	27,400	12.5	16	34,400	9.5	21,000	3367959	
	CSCF3642N6C*+TXV	G*V951155D**	34,600	27,400	12.5	16	34,400	9.5	21,000	3367960	
	CSCF4860N6C*+TXV	A*V80704B**	35,000	27,700	11.5	15.5	34,000	9.3	21,000	3367961	
	CSCF4860N6C*+TXV	G*V80704B**	35,000	27,700	11.5	15.5	34,000	9.3	21,000	3367962	
	CSCF4860N6C*+TXV	G*V80905C**	35,000	27,700	12	15	34,000	9.5	20,400	3367963	
	CSCF4860N6C*+TXV	G*V81155C**	35,000	27,700	12	15	34,000	9.5	20,400	3367964	
	CSCF4860N6C*+TXV	G*V950453B**	35,000	27,700	11.5	15.5	34,000	9.3	21,000	3367965	
	CSCF4860N6C*+TXV	G*V950704C**	35,000	27,700	12	16	34,000	9.3	21,000	3367966	
	CSCF4860N6C*+TXV	G*V950905D**	35,000	27,700	12.5	16	34,400	9.5	21,000	3367967	
	CSCF4860N6C*+TXV	G*V951155D**	35,000	27,700	12.5	16	34,400	9.5	21,000	3367968	
	CT*F3642*6A*+TXV	MBE1600**-1B*	34,600	27,400	12.5	16	34,400	9.75	21,000	3372328	
	CT*F4860*6A*+TXV	MBE2000**-1B*	35,000	27,700	12.5	16	34,400	9.5	21,000	3372329	
	DSZ16 0481A*	AEPF426016C*+TXV		46,000	36,400	12	15.5	46,000	9.5	34,000	3367969
		CA*F4961*6A*+TXV	G*V80905C**	47,000	37,200	12	15.5	46,000	9.5	34,000	3367970
		CA*F4961*6A*+TXV	G*V81155C**	47,500	37,600	12	15.5	46,000	9.5	34,000	3367971
CA*F4961*6A*+TXV		G*V950704C**	47,500	37,600	12.5	16	47,000	9.5	34,000	3367972	
CA*F4961*6A*+TXV		G*V950905D**	47,500	37,600	12.5	16	47,000	9.5	34,000	3367973	
CA*F4961*6A*+TXV		G*V951155D**	47,500	37,600	12.5	16	47,000	9.5	34,000	3367974	
CA*F4961*6A*+TXV		MBE1600**-1B*	47,000	37,200	12.5	15.5	47,000	9.75	34,000	3372225	
CA*F4961*6A*+TXV		MBE2000**-1B*	47,500	37,600	13	16	47,000	9.75	34,000	3372226	
CHPF4860D6C*+TXV		G*V81155C**	47,500	37,600	12	15.5	46,000	9.5	34,000	3367976	
CHPF4860D6C*+TXV		G*V950704C**	47,500	37,600	12.5	16	47,000	9.5	34,000	3367977	
CHPF4860D6C*+TXV		G*V950905D**	47,500	37,600	12.5	16	47,000	9.5	34,000	3367978	
CHPF4860D6C*+TXV		G*V951155D**	47,500	37,600	12.5	16	47,000	9.5	34,000	3367979	
CHPF4860D6C*+TXV		MBE2000**-1B*	47,500	37,600	12.5	16	47,000	9.75	34,000	3367975	
CHPF4860D6D*+TXV		G*V80905C**	47,500	37,600	12	15.5	46,000	9.5	34,000	3367981	
CHPF4860D6D*+TXV		G*V81155C**	47,500	37,600	12	15.5	46,000	9.5	34,000	3367982	

See Notes on Page 26.

AHRI PERFORMANCE RATINGS (CONT.)

Outdoor Units	Indoor Units		Cooling Capacity				Heating Capacity			AHRI #
	Coils/ Air Handlers	Furnace/ Blower	Total	Sensible	EER ¹	SEER ²	High	HSPF ³	Low	
DSZ16 0481A* (cont.)	CHPF4860D6D*+TXV	G*V950704C**	47,500	37,600	12.5	16	47,000	9.5	34,000	3367983
	CHPF4860D6D*+TXV	G*V950905D**	47,500	37,600	12.5	16	47,000	9.5	34,000	3367984
	CHPF4860D6D*+TXV	G*V951155D**	47,500	37,600	12.5	16	47,000	9.5	34,000	3367985
	CHPF4860D6D*+TXV	MBE2000**-1B*	47,500	37,600	12.5	16	47,000	9.75	34,000	3367980
	CHTF4860D6A*+TXV	MBE2000**-1B*	47,500	37,600	12.5	16	47,000	9.75	34,000	3372227
	CSCF4860N6C*+TXV	G*V80905C**	47,000	37,200	12	15.5	46,000	9.5	34,000	3367986
	CSCF4860N6C*+TXV	G*V81155C**	47,000	37,200	12	15.5	46,000	9.5	34,000	3367987
	CSCF4860N6C*+TXV	G*V950704C**	47,500	37,600	12.5	16	47,000	9.5	34,000	3367988
	CSCF4860N6C*+TXV	G*V950905D**	47,500	37,600	12.5	16	47,000	9.5	34,000	3367989
	CSCF4860N6C*+TXV	G*V951155D**	47,500	37,600	12.5	16	47,000	9.5	34,000	3367990
	CT*F4860*6A*+TXV	MBE2000**-1B*	47,500	37,600	12.5	16	47,000	9.75	34,000	3372330
DSZ16 0601A*	AEPF426016C*+TXV		57,000	45,100	12	15	57,000	9	36,400	3367991
	CA*F4961*6A*+TXV	G*V80905C**	57,000	45,100	12	15	57,000	9.25	36,000	3367992
	CA*F4961*6A*+TXV	G*V81155C**	57,000	45,100	12	15	57,000	9.25	36,000	3367993
	CA*F4961*6A*+TXV	G*V950905D**	57,000	45,100	12	15	57,000	9.25	36,000	3367994
	CA*F4961*6A*+TXV	G*V951155D**	57,000	45,100	12	15	57,000	9.25	36,000	3367995
	CA*F4961*6A*+TXV	MBE2000**-1B*	57,000	45,100	12.2	16	57,000	9.75	36,000	3372228
	CHPF4860D6C*+TXV	G*V80905C**	57,000	45,100	12	15	57,000	9.25	36,000	3367997
	CHPF4860D6C*+TXV	G*V81155C**	57,000	45,100	12	15	57,000	9.25	36,000	3367998
	CHPF4860D6C*+TXV	G*V950905D**	57,000	45,100	12	15	57,000	9.25	36,000	3367999
	CHPF4860D6C*+TXV	G*V951155D**	57,000	45,100	12	15	57,000	9.25	36,000	3368000
	CHPF4860D6C*+TXV	MBE2000**-1B*	57,000	45,100	12.2	16	57,000	9.35	36,000	3367996
	CHPF4860D6D*+TXV	G*V80905C**	57,000	45,100	12	15	57,000	9.25	36,000	3368002
	CHPF4860D6D*+TXV	G*V81155C**	57,000	45,100	12	15	57,000	9.25	36,000	3368003
	CHPF4860D6D*+TXV	G*V950905D**	57,000	45,100	12	15	57,000	9.25	36,000	3368004
	CHPF4860D6D*+TXV	G*V951155D**	57,000	45,100	12	15	57,000	9.25	36,000	3368005
	CHPF4860D6D*+TXV	MBE2000**-1B*	57,000	45,100	12.2	16	57,000	9.35	36,000	3368001
	CHTF4860D6A*+TXV	MBE2000**-1B*	57,000	45,100	12.2	16	57,000	9.35	36,000	3372229
	CSCF4860N6C*+TXV	G*V80905C**	57,000	45,100	12	15	57,000	9.25	36,000	3368006
	CSCF4860N6C*+TXV	G*V81155C**	57,000	45,100	12	15	57,000	9.25	36,000	3368007
	CSCF4860N6C*+TXV	G*V950905D**	57,000	45,100	12	15	57,000	9.25	36,000	3368008
CSCF4860N6C*+TXV	G*V951155D**	57,000	45,100	12	15	57,000	9.25	36,000	3368009	
CT*F4860*6A*+TXV	MBE2000**-1B*	57,000	45,100	12.2	16	57,000	9.75	36,000	3372331	

¹ Energy Efficiency Ratio @ 80°F/ 67°F/ 95°F

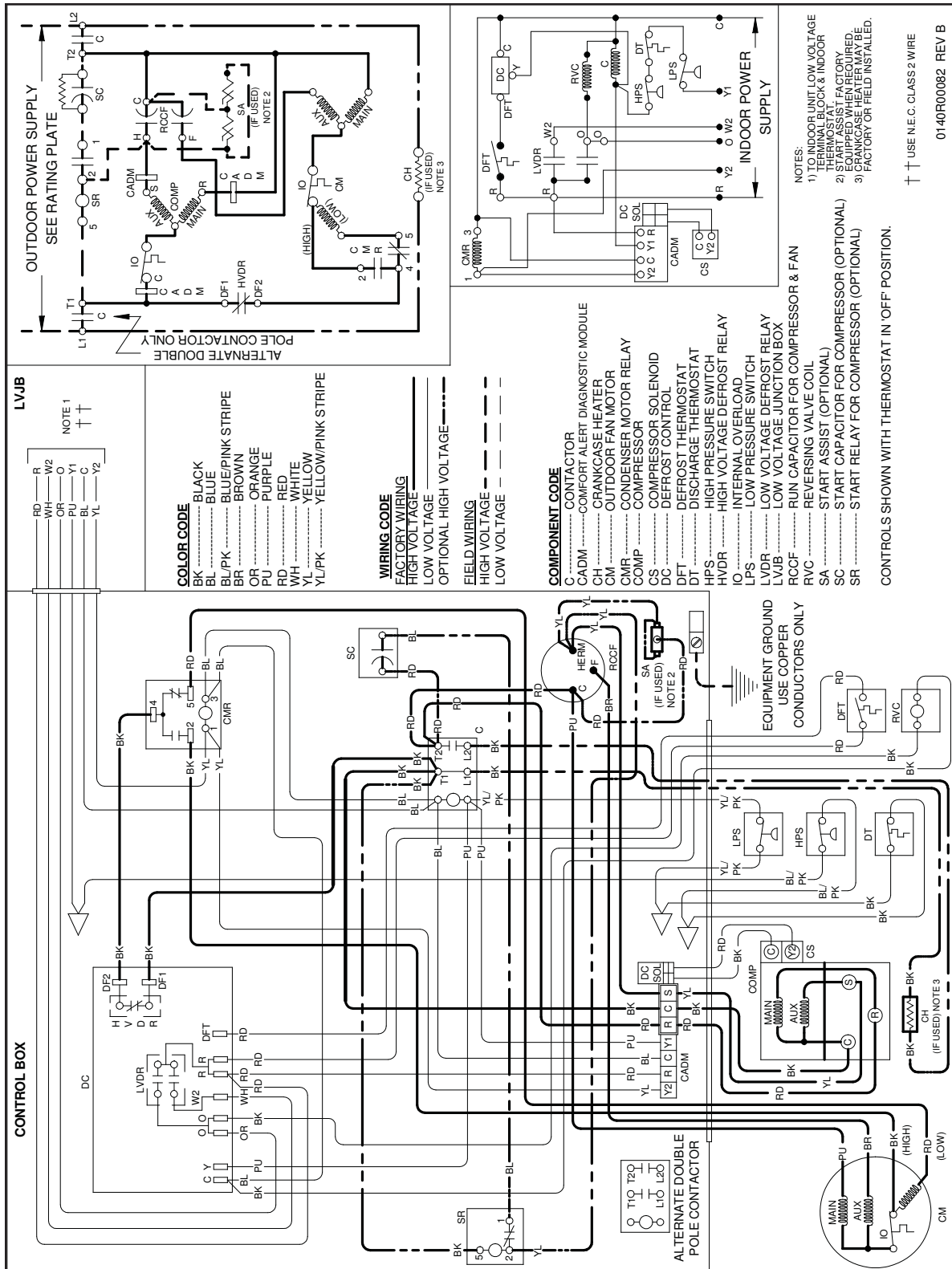
² Seasonal Energy Efficiency Ratio; Certified per AHRI 210/240 @ 80°F/ 67°F/ 95°F

³ 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

DSZ16 WIRING DIAGRAM



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

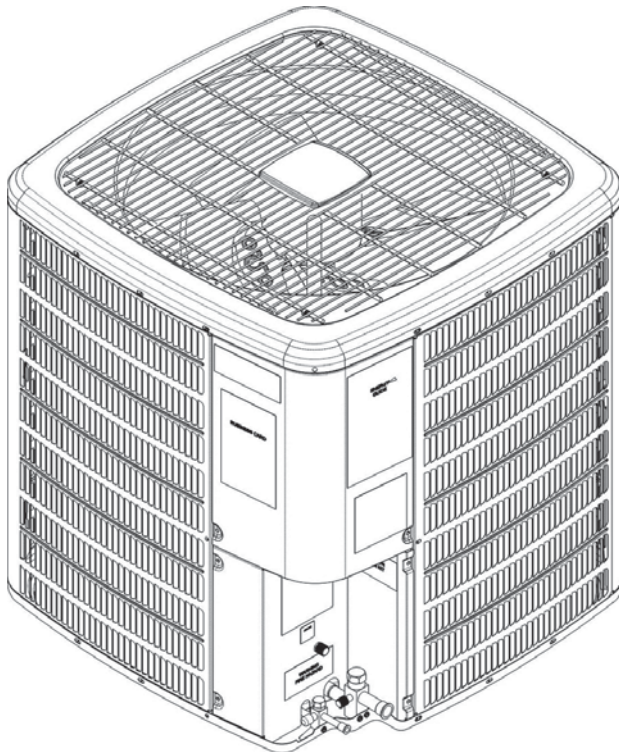


WARNING

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



DIMENSIONS



Model	Dimensions (")
DSZ160241A	29 x 29 x 38¼
DSZ160361A	35½ x 35½ x 38¼
DSZ160481A	35½ x 35½ x 38¼
DSZ160601A	35½ x 35½ x 38¼

ACCESSORIES

Model	Description	DSZ16 024	DSZ16 030	DSZ16 036	DSZ16 042	DSZ16 048	DSZ16 060
ABK-20	Anchor Bracket Kit ▼	X	X	X	X	X	X
ASC01	Anti-Short Cycle Kit	X	X	X	X	X	X
CSR-U-1	Hard-start Kit	X	X	X			
CSR-U-2	Hard-start Kit			X	X	X	X
CSR-U-3	Hard-start Kit					X	X
FSK01A ¹	Freeze Protection Kit	X	X	X	X	X	X
OT18-60A ²	Outdoor Thermostat w/ Lockout Stat	X	X	X	X	X	X
TX2N4 ³	TXV Kit	X					
TX3N4 ³	TXV Kit		X	X			
TX5N4 ³	TXV Kit				X	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.

