Goodman®

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

LIFETIME COMPRESSOR LIMITED WARRANTY* · 10 YEAR PARTS LIMITED WARRANTY* · R-410A REFRIGERANT · GoodCare · ETL · AHRI CERTIFIED · ISO 9001 · ENERGY STAR

* 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.

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

Product Category
S Split System

Unit Type
X Condenser R-410A
Z Heat Pump R-410A

Efficiency
13 13 SEER
14 14 SEER
16 16 SEER
18 18 SEER

Engineering *
Minor Revision

Engineering *
Major Revision

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

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 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

	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.)	⅜”	⅜”	⅜”	⅜”
Suction Line Size (“O.D.)	¾”	⅞”	1⅛”	1⅛”
Refrigerant Connection Size				
Liquid Valve Size (“O.D.)	⅜”	⅜”	⅜”	⅜”
Suction Valve Size (“O.D.)	¾”	⅞”	⅞”	⅞”
Valve Connection Type	Sweat	Sweat	Sweat	Sweat
Refrigerant Charge	153	203	263	273
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	½” or ¾”	½” or ¾”	½” or ¾”	½” or ¾”
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 ⅞” to 1⅛” adapters for suction line connections.
- Unit is charged with refrigerant for 15’ of ⅜” 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

			Outdoor Ambient Temperature																							
			65ºF				75ºF				85ºF				95ºF				105ºF				115ºF			
			Entering Indoor Wet Bulb Temperature																							
IDB	Airflow		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	731	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	-
	637	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	-
	569	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	-
75	731	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
	637	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
	569	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.)

			Outdoor Ambient Temperature																							
			65ºF				75ºF				85ºF				95ºF				105ºF				115ºF			
			Entering Indoor Wet Bulb Temperature																							
IDB	Airflow		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	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
	637	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	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
	569	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	1.00	0.83	1.00	1.00	1.00	0.84
		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
	637	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
	569	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

			Outdoor Ambient Temperature																							
			65ºF				75ºF				85ºF				95ºF				105ºF				115ºF			
			Entering Indoor Wet Bulb Temperature																							
IDB	Airflow		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	-
	875	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	-
	766	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	20	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
	875	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
	766	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.)

			Outdoor Ambient Temperature																							
			65ºF				75ºF				85ºF				95ºF				105ºF				115ºF			
			Entering Indoor Wet Bulb Temperature																							
IDB	Airflow		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	984	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
	875	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
	766	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	984	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	1.00	0.84	1.00	1.00	1.00	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
	875	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
	766	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

			Outdoor Ambient Temperature																							
			65ºF				75ºF				85ºF				95ºF				105ºF				115ºF			
			Entering Indoor Wet Bulb Temperature																							
IDB	Airflow		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
70	900	MBh	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	-
	800	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	-
	700	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	-
75	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
	800	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
	700	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	23	21	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: DSZ160361A*/CA*F3743*6A* + TXV/MBE1600**-1B* — LOW STAGE (CONT.)

			Outdoor Ambient Temperature																							
			65ºF				75ºF				85ºF				95ºF				105ºF				115ºF			
			Entering Indoor Wet Bulb Temperature																							
IDB	Airflow		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	900	MBh	25.6	26.1	27.9	29.9	25.0	25.5	27.3	29.2	24.4	24.9	26.6	28.5	23.8	24.3	26.0	27.8	22.6	23.1	24.7	26.4	20.9	21.4	22.9	24.4
		S/T	0.93	0.87	0.71	0.53	0.96	0.90	0.74	0.55	1.00	0.93	0.75	0.56	1.00	0.96	0.78	0.58	1.00	1.00	0.81	0.60	1.00	1.00	0.82	0.61
		ΔT	24	23	20	16	25	24	21	16	25	24	21	16	24	24	21	17	23	24	20	16	21	22	19	15
		kW	1.47	1.50	1.55	1.60	1.58	1.62	1.67	1.73	1.68	1.72	1.78	1.84	1.77	1.81	1.87	1.94	1.85	1.89	1.95	2.02	1.92	1.96	2.02	2.09
		Amps	5.9	6.0	6.2	6.4	6.3	6.5	6.7	6.9	6.8	7.0	7.2	7.5	7.3	7.5	7.7	8.0	7.7	7.9	8.2	8.5	8.2	8.4	8.6	9.0
		Hi PR	212	228	241	251	238	256	270	282	270	291	307	320	308	331	350	365	346	372	393	410	382	412	435	453
		Lo PR	113	120	131	140	119	127	139	148	124	132	144	154	130	139	151	161	137	145	159	169	141	150	164	175
	800	MBh	24.8	25.4	27.1	29.0	24.3	24.8	26.5	28.3	23.7	24.2	25.9	27.6	23.1	23.6	**25.2**	27.0	22.0	22.4	24.0	25.6	20.3	20.8	22.2	23.7
		S/T	0.89	0.83	0.68	0.51	0.92	0.86	0.70	0.52	0.94	0.88	0.72	0.54	0.97	0.91	**0.74**	0.56	1.00	0.95	0.77	0.58	1.00	0.96	0.78	0.58
		ΔT	25	24	21	17	26	25	21	17	26	25	21	17	26	25	**22**	17	25	24	21	17	23	23	20	16
		kW	1.46	1.49	1.54	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
	700	MBh	22.9	23.4	25.0	26.8	22.4	22.9	24.5	26.1	21.9	22.3	23.9	25.5	21.3	21.8	23.3	24.9	20.3	20.7	22.1	23.7	18.8	19.2	20.5	21.9
		S/T	0.86	0.80	0.65	0.49	0.89	0.83	0.68	0.51	0.91	0.85	0.69	0.52	0.94	0.88	0.72	0.54	0.97	0.91	0.74	0.56	0.98	0.92	0.75	0.56
		ΔT	26	25	21	17	26	25	22	17	26	25	22	17	26	25	22	18	26	25	22	17	24	23	20	16
		kW	1.42	1.45	1.50	1.55	1.53	1.56	1.62	1.67	1.63	1.66	1.72	1.78	1.71	1.75	1.81	1.87	1.79	1.83	1.89	1.95	1.85	1.89	1.96	2.02
		Amps	5.7	5.8	6.0	6.2	6.1	6.2	6.4	6.7	6.6	6.8	7.0	7.2	7.0	7.2	7.4	7.7	7.5	7.6	7.9	8.2	7.9	8.1	8.3	8.6
		Hi PR	203	219	231	241	228	245	259	270	259	279	295	307	295	318	336	350	332	358	378	394	367	395	417	435
		Lo PR	109	115	126	134	115	122	133	142	119	127	138	147	125	133	145	155	131	140	152	162	136	144	158	168
85	900	MBh	26.0	26.5	27.8	29.7	25.4	25.9	27.2	29.0	24.8	25.3	26.5	28.3	24.2	24.7	25.9	27.6	23.0	23.5	24.6	26.2	21.3	21.7	22.8	24.3
		S/T	0.98	0.94	0.85	0.69	1.00	0.98	0.88	0.71	1.00	1.00	0.90	0.73	1.00	1.00	0.93	0.76	1.00	1.00	0.97	0.78	1.00	1.00	0.98	0.79
		ΔT	26	26	24	21	26	26	24	21	25	26	24	21	25	25	25	21	24	24	24	21	22	22	23	20
		kW	1.48	1.51	1.56	1.61	1.60	1.63	1.68	1.74	1.70	1.74	1.79	1.85	1.79	1.83	1.89	1.95	1.87	1.91	1.97	2.04	1.93	1.98	2.04	2.11
		Amps	5.9	6.1	6.2	6.5	6.4	6.5	6.7	7.0	6.9	7.1	7.3	7.5	7.3	7.5	7.8	8.0	7.8	8.0	8.2	8.5	8.2	8.4	8.7	9.0
		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	114	121	133	141	121	128	140	149	125	133	146	155	132	140	153	163	138	147	160	171	143	152	166	177
	800	MBh	25.3	25.8	27.0	28.8	24.7	25.2	26.4	28.1	24.1	24.6	25.7	27.5	23.5	24.0	25.1	26.8	22.3	22.8	23.8	25.4	20.7	21.1	22.1	23.6
		S/T	0.93	0.90	0.81	0.66	0.96	0.93	0.84	0.68	0.99	0.95	0.86	0.70	1.00	0.98	0.89	0.72	1.00	1.00	0.92	0.75	1.00	1.00	0.93	0.75
		ΔT	27	27	25	22	27	27	25	22	27	27	25	22	27	27	26	22	26	26	25	22	24	24	24	20
		kW	1.47	1.50	1.55	1.60	1.58	1.62	1.67	1.73	1.68	1.72	1.78	1.84	1.77	1.81	1.87	1.94	1.85	1.89	1.95	2.02	1.92	1.96	2.02	2.09
		Amps	5.9	6.0	6.2	6.4	6.3	6.5	6.7	6.9	6.8	7.0	7.2	7.5	7.3	7.5	7.7	8.0	7.7	7.9	8.2	8.5	8.2	8.4	8.6	9.0
		Hi PR	212	228	241	251	238	256	270	282	270	291	307	320	308	331	350	365	346	372	393	410	382	412	435	453
		Lo PR	113	120	131	140	119	127	139	148	124	132	144	154	130	139	151	161	137	145	159	169	141	150	164	175
	700	MBh	23.3	23.8	24.9	26.6	22.8	23.2	24.3	26.0	22.2	22.7	23.8	25.3	21.7	22.1	23.2	24.7	20.6	21.0	22.0	23.5	19.1	19.5	20.4	21.8
		S/T	0.90	0.87	0.78	0.63	0.93	0.90	0.81	0.66	0.95	0.92	0.83	0.67	0.98	0.95	0.86	0.70	1.00	0.99	0.89	0.72	1.00	0.99	0.90	0.73
		ΔT	27.5	27	26	22	28	27	26	22	28	27	26	22	28	28	26	23	27	27	26	22	25	25	24	21
		kW	1.43	1.46	1.51	1.56	1.54	1.58	1.63	1.68	1.64	1.68	1.73	1.79	1.73	1.77	1.83	1.89	1.80	1.84	1.90	1.97	1.87	1.91	1.97	2.04
		Amps	5.7	5.8	6.0	6.2	6.2	6.3	6.5	6.7	6.7	6.8	7.0	7.3	7.1	7.3	7.5	7.8	7.5	7.7	8.0	8.2	8.0	8.1	8.4	8.7
		Hi PR	205	221	233	243	230	248	262	273	262	282	298	311	298	321	339	354	336	361	382	398	371	399	422	440
		Lo PR	110	117	127	136	116	123	135	143	120	128	140	149	126	135	147	156	133	141	154	164	137	146	159	170

IDB: Entering Indoor Dry Bulb Temperature 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* — HIGH STAGE

			Outdoor Ambient Temperature																							
			65ºF				75ºF				85ºF				95ºF				105ºF				115ºF			
			Entering Indoor Wet Bulb Temperature																							
IDB	Airflow		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	1294	MBh	33.9	35.1	38.5	-	33.1	34.3	37.6	-	32.3	33.5	36.7	-	31.5	32.7	35.8	-	30.0	31.1	34.0	-	27.8	28.8	31.5	-
		S/T	0.74	0.62	0.43	-	0.76	0.64	0.44	-	0.78	0.65	0.45	-	0.81	0.67	0.47	-	0.84	0.70	0.49	-	0.85	0.71	0.49	-
		ΔT	18	15	12	-	18	16	12	-	18	16	12	-	18	16	12	-	18	15	12	-	17	14	11	-
		kW	2.16	2.20	2.27	-	2.33	2.38	2.46	-	2.48	2.53	2.62	-	2.61	2.67	2.76	-	2.72	2.78	2.88	-	2.82	2.88	2.98	-
		Amps	8.3	8.5	8.8	-	9.0	9.2	9.5	-	9.7	10.0	10.3	-	10.4	10.7	11.0	-	11.1	11.3	11.7	-	11.7	12.0	12.4	-
		Hi PR	220	237	250	-	247	266	280	-	281	302	319	-	320	344	363	-	360	387	409	-	397	428	452	-
		Lo PR	108	114	125	-	114	121	132	-	118	126	137	-	124	132	144	-	130	138	151	-	135	143	156	-
	1150	MBh	32.9	34.1	37.4	-	32.2	33.3	36.5	-	31.4	32.5	35.6	-	30.6	31.7	34.8	-	29.1	30.2	33.0	-	26.9	27.9	30.6	-
		S/T	0.70	0.59	0.41	-	0.73	0.61	0.42	-	0.75	0.62	0.43	-	0.77	0.64	0.45	-	0.80	0.67	0.46	-	0.81	0.67	0.47	-
		ΔT	18	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	17	15	11	-
		kW	2.14	2.19	2.26	-	2.31	2.36	2.44	-	2.46	2.51	2.59	-	2.59	2.65	2.73	-	2.70	2.76	2.85	-	2.79	2.86	2.95	-
		Amps	8.2	8.4	8.7	-	8.9	9.1	9.4	-	9.7	9.9	10.2	-	10.3	10.6	10.9	-	11.0	11.2	11.6	-	11.6	11.9	12.3	-
		Hi PR	218	234	247	-	244	263	278	-	278	299	316	-	317	341	360	-	356	383	405	-	393	423	447	-
		Lo PR	107	113	124	-	113	120	131	-	117	124	136	-	123	131	143	-	129	137	150	-	133	142	155	-
	1006	MBh	30.4	31.5	34.5	-	29.7	30.8	33.7	-	29.0	30.0	32.9	-	28.3	29.3	32.1	-	26.9	27.8	30.5	-	24.9	25.8	28.2	-
		S/T	0.68	0.57	0.39	-	0.70	0.59	0.41	-	0.72	0.60	0.42	-	0.74	0.62	0.43	-	0.77	0.64	0.45	-	0.78	0.65	0.45	-
		ΔT	19	16	12	-	19	16	13	-	19	16	13	-	19	17	13	-	19	16	12	-	18	15	12	-
		kW	2.09	2.13	2.20	-	2.25	2.30	2.37	-	2.39	2.45	2.53	-	2.52	2.58	2.66	-	2.63	2.69	2.78	-	2.72	2.78	2.88	-
		Amps	8.0	8.2	8.5	-	8.7	8.9	9.1	-	9.4	9.6	9.9	-	10.0	10.3	10.6	-	10.7	10.9	11.3	-	11.3	11.6	12.0	-
		Hi PR	211	227	240	-	237	255	269	-	270	290	306	-	307	330	349	-	345	372	393	-	382	411	434	-
		Lo PR	103	110	120	-	109	116	127	-	113	121	132	-	119	127	138	-	125	133	145	-	129	137	150	-
75	1294	MBh	34.5	35.5	38.4	41.2	33.7	34.7	37.5	40.3	32.9	33.8	36.6	39.3	32.1	**33.0**	35.7	38.4	30.5	31.4	34.0	36.4	28.2	29.1	31.5	33.8
		S/T	0.84	0.75	0.57	0.36	0.87	0.78	0.59	0.38	0.89	0.80	0.60	0.39	0.92	**0.82**	0.62	0.40	0.95	0.85	0.65	0.42	0.96	0.86	0.65	0.42
		ΔT	21	19	15	11	21	19	16	11	21	19	16	11	21	**19**	16	11	21	19	16	11	19	18	15	10
		kW	2.17	2.22	2.29	2.37	2.35	2.40	2.48	2.56	2.50	2.55	2.64	2.73	2.63	**2.69**	2.78	2.88	2.74	2.81	2.90	3.00	2.84	2.91	3.01	3.11
		Amps	8.4	8.6	8.9	9.2	9.1	9.3	9.6	9.9	9.8	10.1	10.4	10.8	10.5	**10.8**	11.1	11.5	11.2	11.4	11.8	12.3	11.8	12.1	12.5	13.0
		Hi PR	222	239	253	263	249	268	283	296	284	305	322	336	323	**348**	367	383	363	391	413	431	401	432	456	476
		Lo PR	109	116	126	134	115	122	133	142	119	127	139	148	125	**133**	146	155	131	140	153	163	136	145	158	168
	1150	MBh	33.5	34.5	37.3	40.0	32.7	33.7	36.4	39.1	31.9	32.9	35.6	38.2	31.1	**32.1**	34.7	37.2	29.6	30.5	33.0	35.4	27.4	28.2	30.5	32.8
		S/T	0.80	0.71	0.54	0.35	0.83	0.74	0.56	0.36	0.85	0.76	0.57	0.37	0.88	**0.78**	0.59	0.38	0.91	0.81	0.62	0.40	0.92	0.82	0.62	0.40
		ΔT	21	20	16	11	22	20	16	11	22	20	16	11	22	**20**	16	11	22	20	16	11	20	18	15	10
		kW	2.16	2.20	2.28	2.35	2.33	2.38	2.46	2.54	2.48	2.53	2.62	2.70	2.61	**2.67**	2.76	2.85	2.72	2.78	2.88	2.98	2.82	2.88	2.98	3.08
		Amps	8.3	8.5	8.8	9.1	9.0	9.2	9.5	9.8	9.7	10.0	10.3	10.7	10.4	**10.7**	11.0	11.4	11.1	11.3	11.7	12.2	11.7	12.0	12.4	12.9
		Hi PR	220	237	250	261	247	266	281	293	281	302	319	333	320	**344**	363	379	360	387	409	426	397	428	452	471
		Lo PR	108	115	125	133	114	121	132	141	118	126	137	146	124	**132**	144	154	130	138	151	161	135	143	156	166
	1006	MBh	30.9	31.8	34.4	37.0	30.2	31.1	33.6	36.1	29.5	30.3	32.8	35.2	28.7	**29.6**	32.0	34.4	27.3	28.1	30.4	32.7	25.3	26.0	28.2	30.3
		S/T	0.77	0.69	0.52	0.34	0.80	0.71	0.54	0.35	0.82	0.73	0.55	0.36	0.84	**0.76**	0.57	0.37	0.88	0.78	0.59	0.38	0.88	0.79	0.60	0.39
		ΔT	22	20	16	11	22	20	17	11	22	20	17	11	22	**20**	17	12	22	20	16	11	20	19	15	11
		kW	2.10	2.15	2.22	2.29	2.27	2.32	2.39	2.47	2.41	2.47	2.55	2.64	2.54	**2.60**	2.69	2.78	2.65	2.71	2.80	2.90	2.75	2.81	2.90	3.00
		Amps	8.1	8.3	8.6	8.9	8.7	8.9	9.2	9.6	9.5	9.7	10.0	10.4	10.1	**10.4**	10.7	11.1	10.8	11.0	11.4	11.8	11.4	11.7	12.1	12.5
		Hi PR	213	230	243	253	239	258	272	284	272	293	309	323	310	**334**	352	368	349	376	397	414	386	415	438	457
		Lo PR	104	111	121	129	110	117	128	136	115	122	133	142	120	**128**	140	149	126	134	147	156	131	139	152	161

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: DSZ160361A*/CA*F3743*6A* + TXV/MBE1600**-1B* — HIGH STAGE (CONT.)

			Outdoor Ambient Temperature																							
			65ºF				75ºF				85ºF				95ºF				105ºF				115ºF			
			Entering Indoor Wet Bulb Temperature																							
IDB	Airflow		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	1294	MBh	35.1	35.9	38.3	41.0	34.3	35.0	37.4	40.0	33.5	34.2	36.5	39.0	32.6	33.4	35.6	38.1	31.0	31.7	33.9	36.2	28.7	29.4	31.4	33.5
		S/T	0.92	0.86	0.70	0.52	0.95	0.89	0.73	0.54	1.00	0.92	0.74	0.56	1.00	0.94	0.77	0.57	1.00	1.00	0.80	0.60	1.00	1.00	0.80	0.60
		ΔT	23	22	19	15	23	22	19	15	24	22	19	15	23	22	19	16	22	23	19	15	20	21	18	14
		kW	2.19	2.24	2.31	2.39	2.37	2.42	2.50	2.58	2.52	2.58	2.66	2.75	2.65	2.71	2.80	2.90	2.77	2.83	2.93	3.03	2.87	2.93	3.03	3.14
		Amps	8.5	8.7	8.9	9.3	9.1	9.4	9.7	10.0	9.9	10.2	10.5	10.9	10.6	10.9	11.2	11.6	11.3	11.5	11.9	12.4	11.9	12.2	12.6	13.1
		Hi PR	224	242	255	266	252	271	286	299	286	308	325	339	326	351	371	387	367	395	417	435	406	436	461	481
		Lo PR	110	117	128	136	116	123	135	144	121	128	140	149	127	135	147	157	133	141	154	164	137	146	159	170
	1150	MBh	34.1	34.8	37.2	39.8	33.3	34.0	36.3	38.8	32.5	33.2	35.5	37.9	31.7	32.4	**34.6**	37.0	30.1	30.8	32.9	35.1	27.9	28.5	30.4	32.5
		S/T	0.88	0.82	0.67	0.50	0.91	0.85	0.69	0.52	0.93	0.87	0.71	0.53	0.96	0.90	**0.73**	0.55	1.00	0.94	0.76	0.57	1.00	0.94	0.77	0.57
		ΔT	24	23	20	16	24	23	20	16	24	23	20	16	24	23	**20**	16	24	23	20	16	22	21	19	15
		kW	2.18	2.22	2.29	2.37	2.35	2.40	2.48	2.56	2.50	2.55	2.64	2.73	2.63	2.69	**2.78**	2.88	2.74	2.81	2.90	3.00	2.84	2.91	3.01	3.11
		Amps	8.4	8.6	8.9	9.2	9.1	9.3	9.6	9.9	9.8	10.1	10.4	10.8	10.5	10.8	**11.1**	11.5	11.2	11.4	11.8	12.3	11.8	12.1	12.5	13.0
		Hi PR	222	239	253	263	249	268	283	296	284	305	322	336	323	348	**367**	383	363	391	413	431	401	432	456	476
		Lo PR	109	116	126	134	115	122	133	142	119	127	139	148	125	133	**146**	155	131	140	153	163	136	145	158	168
	1006	MBh	31.4	32.1	34.3	36.7	30.7	31.4	33.5	35.8	30.0	30.6	32.7	35.0	29.3	29.9	31.9	34.1	27.8	28.4	30.3	32.4	25.7	26.3	28.1	30.0
		S/T	0.84	0.79	0.64	0.48	0.88	0.82	0.67	0.50	0.90	0.84	0.69	0.51	0.93	0.87	0.71	0.53	0.96	0.90	0.73	0.55	0.97	0.91	0.74	0.55
		ΔT	24	23	20	16	25	24	20	16	25	24	20	16	25	24	21	16	24	23	20	16	23	22	19	15
		kW	2.12	2.17	2.24	2.31	2.29	2.34	2.41	2.50	2.44	2.49	2.57	2.66	2.56	2.62	2.71	2.80	2.67	2.74	2.83	2.92	2.77	2.83	2.93	3.03
		Amps	8.2	8.4	8.6	8.9	8.8	9.0	9.3	9.7	9.6	9.8	10.1	10.5	10.2	10.5	10.8	11.2	10.9	11.1	11.5	11.9	11.5	11.8	12.2	12.6
		Hi PR	216	232	245	255	242	260	275	287	275	296	313	326	313	337	356	371	352	379	401	418	389	419	443	462
		Lo PR	105	112	122	130	111	119	129	138	116	123	134	143	122	129	141	150	127	136	148	158	132	140	153	163
85	1294	MBh	35.7	36.4	38.1	40.7	34.9	35.6	37.2	39.7	34.0	34.7	36.3	38.8	33.2	33.9	35.5	37.8	31.6	32.2	33.7	35.9	29.2	29.8	31.2	33.3
		S/T	0.96	0.93	0.84	0.68	1.00	0.96	0.87	0.70	1.00	0.99	0.89	0.72	1.00	1.00	0.92	0.75	1.00	1.00	0.95	0.77	1.00	1.00	0.96	0.78
		ΔT	24	24	23	20	25	24	23	20	24	24	23	20	24	24	23	20	22	23	23	20	21	21	21	18
		kW	2.21	2.26	2.33	2.41	2.39	2.44	2.52	2.60	2.54	2.60	2.68	2.77	2.68	2.74	2.83	2.93	2.79	2.86	2.95	3.05	2.89	2.96	3.06	3.17
		Amps	8.5	8.7	9.0	9.4	9.2	9.4	9.7	10.1	10.0	10.3	10.6	11.0	10.7	11.0	11.3	11.7	11.4	11.7	12.0	12.5	12.0	12.3	12.8	13.2
		Hi PR	227	244	258	269	254	274	289	301	289	311	329	343	329	355	374	391	371	399	421	439	410	441	465	485
		Lo PR	111	118	129	137	117	125	136	145	122	130	141	151	128	136	149	158	134	143	156	166	139	148	161	172
	1150	MBh	34.7	35.3	37.0	39.5	33.9	34.5	36.1	38.6	33.1	33.7	35.3	37.6	32.2	32.9	34.4	36.7	30.6	31.2	32.7	34.9	28.4	28.9	30.3	32.3
		S/T	0.92	0.89	0.80	0.65	0.95	0.92	0.83	0.67	0.98	0.94	0.85	0.69	1.00	0.97	0.88	0.71	1.00	1.00	0.91	0.74	1.00	1.00	0.92	0.74
		ΔT	25	25	24	20	26	25	24	21	26	25	24	21	26	26	24	21	24	25	24	21	23	23	22	19
		kW	2.19	2.24	2.31	2.39	2.37	2.42	2.50	2.58	2.52	2.58	2.66	2.75	2.65	2.71	2.80	2.90	2.77	2.83	2.93	3.03	2.87	2.93	3.03	3.14
		Amps	8.5	8.7	8.9	9.3	9.1	9.4	9.7	10.0	9.9	10.2	10.5	10.9	10.6	10.9	11.2	11.6	11.3	11.5	11.9	12.4	11.9	12.2	12.6	13.1
		Hi PR	224	242	255	266	252	271	286	299	286	308	325	339	326	351	371	387	367	395	417	435	406	436	461	481
		Lo PR	110	117	128	136	116	123	135	144	121	128	140	149	127	135	147	157	133	141	154	164	137	146	159	170
	1006	MBh	32.0	32.6	34.2	36.4	31.3	31.9	33.4	35.6	30.5	31.1	32.6	34.7	29.8	30.3	31.8	33.9	28.3	28.8	30.2	32.2	26.2	26.7	28.0	29.8
		S/T	0.89	0.85	0.77	0.63	0.92	0.89	0.80	0.65	0.94	0.91	0.82	0.66	0.97	0.94	0.85	0.69	1.00	0.97	0.88	0.71	1.00	0.98	0.89	0.72
		ΔT	26	25	24	21	26	26	24	21	26	26	24	21	26	26	25	21	26	26	24	21	24	24	23	20
		kW	2.14	2.19	2.26	2.33	2.31	2.36	2.43	2.52	2.46	2.51	2.59	2.68	2.59	2.64	2.73	2.83	2.70	2.76	2.85	2.95	2.79	2.86	2.95	3.06
		Amps	8.2	8.4	8.7	9.0	8.9	9.1	9.4	9.7	9.7	9.9	10.2	10.6	10.3	10.6	10.9	11.3	11.0	11.2	11.6	12.0	11.6	11.9	12.3	12.8
		Hi PR	218	234	247	258	244	263	278	290	278	299	316	329	316	341	360	375	356	383	405	422	393	423	447	466
		Lo PR	107	113	124	132	113	120	131	139	117	124	136	145	123	131	143	152	129	137	150	159	133	142	155	165

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: DSZ160481A*/ CA*F4961*6A* + TXV/ MBE2000**-1B* — LOW STAGE

			Outdoor Ambient Temperature																							
			65ºF				75ºF				85ºF				95ºF				105ºF				115ºF			
			Entering Indoor Wet Bulb Temperature																							
IDB	Airflow		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	1209	MBh	33.7	35.0	38.3	-	33.0	34.2	37.4	-	32.2	33.3	36.5	-	31.4	32.5	35.6	-	29.8	30.9	33.9	-	27.6	28.6	31.4	-
		S/T	0.74	0.62	0.43	-	0.77	0.64	0.45	-	0.79	0.66	0.46	-	0.81	0.68	0.47	-	0.85	0.71	0.49	-	0.85	0.71	0.49	-
		ΔT	19	16	13	-	19	17	13	-	19	17	13	-	19	17	13	-	19	17	13	-	18	15	12	-
		kW	1.96	2.00	2.07	-	2.12	2.16	2.23	-	2.25	2.30	2.38	-	2.37	2.43	2.51	-	2.48	2.53	2.62	-	2.57	2.62	2.71	-
		Amps	7.6	7.8	8.0	-	8.2	8.4	8.7	-	8.9	9.1	9.4	-	9.5	9.7	10.1	-	10.1	10.4	10.7	-	10.7	11.0	11.3	-
		Hi PR	205	220	233	-	230	247	261	-	261	281	297	-	297	320	338	-	335	360	380	-	370	398	420	-
		Lo PR	109	116	126	-	115	122	134	-	120	127	139	-	126	134	146	-	132	140	153	-	136	145	158	-
	1075	MBh	32.8	34.0	37.2	-	32.0	33.2	36.3	-	31.2	32.4	35.5	-	30.5	31.6	34.6	-	28.9	30.0	32.9	-	26.8	27.8	30.4	-
		S/T	0.71	0.59	0.41	-	0.73	0.61	0.42	-	0.75	0.63	0.44	-	0.78	0.65	0.45	-	0.81	0.67	0.47	-	0.81	0.68	0.47	-
		ΔT	20	17	13	-	20	17	13	-	20	17	13	-	20	18	13	-	20	17	13	-	19	16	12	-
		kW	1.95	1.99	2.05	-	2.10	2.15	2.22	-	2.23	2.28	2.36	-	2.35	2.41	2.49	-	2.46	2.51	2.60	-	2.54	2.60	2.69	-
		Amps	7.5	7.7	8.0	-	8.1	8.3	8.6	-	8.8	9.0	9.3	-	9.4	9.7	10.0	-	10.0	10.3	10.6	-	10.6	10.9	11.2	-
		Hi PR	203	218	230	-	227	245	258	-	259	278	294	-	294	317	335	-	331	356	376	-	366	394	416	-
		Lo PR	108	115	125	-	114	121	132	-	118	126	137	-	124	132	144	-	130	139	151	-	135	143	156	-
	941	MBh	30.2	31.3	34.3	-	29.5	30.6	33.5	-	28.8	29.9	32.7	-	28.1	29.1	31.9	-	26.7	27.7	30.3	-	24.7	25.7	28.1	-
		S/T	0.68	0.57	0.40	-	0.71	0.59	0.41	-	0.73	0.61	0.42	-	0.75	0.63	0.43	-	0.78	0.65	0.45	-	0.78	0.65	0.45	-
		ΔT	20	17	13	-	20	18	13	-	20	18	13	-	21	18	14	-	20	18	13	-	19	16	12	-
		kW	1.90	1.94	2.00	-	2.05	2.09	2.16	-	2.18	2.23	2.30	-	2.29	2.35	2.42	-	2.39	2.45	2.53	-	2.48	2.53	2.62	-
		Amps	7.3	7.5	7.8	-	7.9	8.1	8.4	-	8.6	8.8	9.1	-	9.2	9.4	9.7	-	9.8	10.0	10.3	-	10.3	10.6	10.9	-
		Hi PR	197	211	223	-	221	237	251	-	251	270	285	-	286	307	325	-	321	346	365	-	355	382	403	-
		Lo PR	105	111	121	-	110	117	128	-	115	122	133	-	121	128	140	-	126	134	147	-	131	139	152	-
75	1209	MBh	34.3	35.3	38.2	41.0	33.5	34.5	37.3	40.1	32.7	33.7	36.5	39.1	31.9	**32.9**	35.6	38.2	30.3	31.2	33.8	36.3	28.1	28.9	31.3	33.6
		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	0.93	**0.83**	0.63	0.40	0.96	0.86	0.65	0.42	0.97	0.87	0.66	0.42
		ΔT	22	20	17	11	22	21	17	12	22	21	17	12	22	**21**	17	12	22	20	17	12	21	19	16	11
		kW	1.98	2.02	2.09	2.16	2.13	2.18	2.25	2.33	2.27	2.32	2.40	2.48	2.39	**2.45**	2.53	2.62	2.50	2.56	2.64	2.73	2.59	2.65	2.74	2.83
		Amps	7.7	7.9	8.1	8.4	8.3	8.5	8.8	9.1	9.0	9.2	9.5	9.9	9.6	**9.8**	10.2	10.5	10.2	10.5	10.8	11.2	10.8	11.1	11.4	11.9
		Hi PR	207	222	235	245	232	250	264	275	264	284	300	313	300	**323**	341	356	338	364	384	401	373	402	424	443
		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
	1075	MBh	33.3	34.3	37.1	39.8	32.5	33.5	36.3	38.9	31.8	32.7	35.4	38.0	31.0	**31.9**	34.5	37.1	29.4	30.3	32.8	35.2	27.3	28.1	30.4	32.6
		S/T	0.80	0.72	0.54	0.35	0.83	0.75	0.56	0.36	0.86	0.77	0.58	0.37	0.88	**0.79**	0.60	0.38	0.92	0.82	0.62	0.40	0.92	0.83	0.63	0.40
		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	1.96	2.00	2.07	2.14	2.12	2.16	2.23	2.31	2.25	2.30	2.38	2.46	2.37	**2.43**	2.51	2.60	2.48	2.53	2.62	2.71	2.57	2.63	2.71	2.81
		Amps	7.6	7.8	8.0	8.3	8.2	8.4	8.7	9.0	8.9	9.1	9.4	9.8	9.5	**9.7**	10.1	10.4	10.1	10.4	10.7	11.1	10.7	11.0	11.3	11.8
		Hi PR	205	220	233	243	230	247	261	272	261	281	297	310	297	**320**	338	353	335	360	380	397	370	398	420	438
		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
	941	MBh	30.7	31.7	34.3	36.8	30.0	30.9	33.5	35.9	29.3	30.2	32.7	35.1	28.6	**29.4**	31.9	34.2	27.2	28.0	30.3	32.5	25.2	25.9	28.0	30.1
		S/T	0.78	0.69	0.53	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	18	12	24	22	18	12	24	22	18	12	24	**22**	18	12	23	22	18	12	22	20	17	11
		kW	1.91	1.95	2.02	2.08	2.06	2.11	2.18	2.25	2.20	2.25	2.32	2.40	2.31	**2.37**	2.45	2.53	2.41	2.47	2.55	2.64	2.50	2.56	2.64	2.74
		Amps	7.4	7.6	7.8	8.1	8.0	8.2	8.4	8.8	8.7	8.9	9.2	9.5	9.3	**9.5**	9.8	10.2	9.8	10.1	10.4	10.8	10.4	10.7	11.0	11.4
		Hi PR	199	214	226	235	223	240	253	264	253	273	288	300	289	**311**	328	342	325	349	369	385	359	386	408	425
		Lo PR	106	112	123	131	112	119	130	138	116	123	135	143	122	**130**	141	151	128	136	148	158	132	140	153	163

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.)

			Outdoor Ambient Temperature																							
			65ºF				75ºF				85ºF				95ºF				105ºF				115ºF			
			Entering Indoor Wet Bulb Temperature																							
IDB	Airflow		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	1209	MBh	34.9	35.7	38.1	40.8	34.1	34.9	37.2	39.8	33.3	34.0	36.3	38.9	32.5	33.2	35.5	37.9	30.9	31.5	33.7	36.0	28.6	29.2	31.2	33.4
		S/T	0.93	0.87	0.71	0.53	0.96	0.90	0.73	0.55	1.00	0.92	0.75	0.56	1.00	0.95	0.78	0.58	1.00	1.00	0.80	0.60	1.00	1.00	0.81	0.61
		ΔT	25	24	20	16	25	24	21	17	25	24	21	17	25	24	21	17	23	24	21	16	22	22	19	15
		kW	1.99	2.04	2.10	2.17	2.15	2.20	2.27	2.35	2.29	2.34	2.42	2.50	2.42	2.47	2.55	2.64	2.52	2.58	2.67	2.76	2.61	2.67	2.76	2.86
		Amps	7.7	7.9	8.2	8.5	8.4	8.6	8.8	9.2	9.1	9.3	9.6	10.0	9.7	9.9	10.3	10.6	10.3	10.6	10.9	11.3	10.9	11.2	11.6	12.0
		Hi PR	209	225	237	247	234	252	266	278	266	287	303	316	303	327	345	360	341	367	388	405	377	406	429	447
		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
	1075	MBh	33.9	34.6	37.0	39.6	33.1	33.8	36.2	38.6	32.3	33.0	35.3	37.7	31.5	32.2	**34.4**	36.8	30.0	30.6	32.7	35.0	27.8	28.4	30.3	32.4
		S/T	0.88	0.83	0.67	0.50	0.91	0.86	0.70	0.52	0.94	0.88	0.72	0.54	0.97	0.91	**0.74**	0.55	1.00	0.94	0.77	0.57	1.00	0.95	0.77	0.58
		ΔT	26	25	21	17	26	25	22	17	26	25	22	17	26	25	**22**	17	26	25	21	17	24	23	20	16
		kW	1.98	2.02	2.09	2.16	2.13	2.18	2.25	2.33	2.27	2.32	2.40	2.48	2.40	2.45	**2.53**	2.62	2.50	2.56	2.64	2.73	2.59	2.65	2.74	2.83
		Amps	7.7	7.9	8.1	8.4	8.3	8.5	8.8	9.1	9.0	9.2	9.5	9.9	9.6	9.8	**10.2**	10.5	10.2	10.5	10.8	11.2	10.8	11.1	11.4	11.9
		Hi PR	207	222	235	245	232	250	264	275	264	284	300	313	300	323	**341**	356	338	364	384	401	373	402	424	443
		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
	941	MBh	31.3	32.0	34.2	36.5	30.6	31.2	33.4	35.7	29.8	30.5	32.6	34.8	29.1	29.7	31.8	34.0	27.7	28.3	30.2	32.3	25.6	26.2	28.0	29.9
		S/T	0.85	0.80	0.65	0.49	0.88	0.83	0.67	0.50	0.90	0.85	0.69	0.52	0.93	0.88	0.71	0.53	0.97	0.91	0.74	0.55	0.98	0.92	0.75	0.56
		ΔT	26	25	22	17	26	25	22	18	26	25	22	18	27	25	22	18	26	25	22	17	24	23	20	16
		kW	1.93	1.97	2.03	2.10	2.08	2.13	2.20	2.27	2.22	2.26	2.34	2.42	2.33	2.39	2.47	2.55	2.43	2.49	2.57	2.66	2.52	2.58	2.67	2.76
		Amps	7.5	7.6	7.9	8.2	8.1	8.3	8.5	8.8	8.8	9.0	9.3	9.6	9.3	9.6	9.9	10.3	9.9	10.2	10.5	10.9	10.5	10.8	11.1	11.6
		Hi PR	201	216	228	238	225	242	256	267	256	275	291	303	291	314	331	345	328	353	373	389	362	390	412	429
		Lo PR	107	113	124	132	113	120	131	139	117	125	136	145	123	131	143	152	129	137	150	159	133	142	155	165
85	1209	MBh	35.5	36.2	37.9	40.5	34.7	35.4	37.0	39.5	33.9	34.5	36.2	38.6	33.1	33.7	35.3	37.6	31.4	32.0	33.5	35.8	29.1	29.6	31.1	33.1
		S/T	0.97	0.94	0.85	0.69	1.00	0.97	0.88	0.71	1.00	1.00	0.90	0.73	1.00	1.00	0.93	0.75	1.00	1.00	0.96	0.78	1.00	1.00	0.97	0.79
		ΔT	26	26	24	21	26	26	25	21	26	26	25	21	25	26	25	22	24	24	25	21	22	23	23	20
		kW	2.01	2.05	2.12	2.19	2.17	2.22	2.29	2.37	2.31	2.36	2.44	2.53	2.44	2.49	2.58	2.66	2.54	2.60	2.69	2.78	2.63	2.69	2.79	2.88
		Amps	7.8	8.0	8.3	8.6	8.4	8.6	8.9	9.2	9.2	9.4	9.7	10.0	9.8	10.0	10.3	10.7	10.4	10.7	11.0	11.4	11.0	11.3	11.7	12.1
		Hi PR	211	227	240	250	237	255	269	280	269	290	306	319	307	330	348	363	345	371	392	409	381	410	433	452
		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
	1075	MBh	34.5	35.2	36.8	39.3	33.7	34.3	36.0	38.4	32.9	33.5	35.1	37.5	32.1	32.7	34.3	36.5	30.5	31.1	32.5	34.7	28.2	28.8	30.1	32.2
		S/T	0.93	0.89	0.81	0.65	0.96	0.93	0.84	0.68	0.98	0.95	0.86	0.69	1.00	0.98	0.88	0.72	1.00	1.00	0.92	0.74	1.00	1.00	0.93	0.75
		ΔT	27	27	25	22	28	27	26	22	28	27	26	22	27	27	26	22	26	27	26	22	24	25	24	21
		kW	1.99	2.04	2.10	2.17	2.15	2.20	2.27	2.35	2.29	2.34	2.42	2.50	2.42	2.47	2.55	2.64	2.52	2.58	2.67	2.76	2.61	2.67	2.76	2.86
		Amps	7.7	7.9	8.2	8.5	8.4	8.6	8.8	9.2	9.1	9.3	9.6	10.0	9.7	9.9	10.3	10.6	10.3	10.6	10.9	11.3	10.9	11.2	11.6	12.0
		Hi PR	209	225	237	247	234	252	266	278	266	287	303	316	303	327	345	360	341	367	388	405	377	406	429	447
		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
	941	MBh	31.8	32.5	34.0	36.3	31.1	31.7	33.2	35.4	30.4	30.9	32.4	34.6	29.6	30.2	31.6	33.7	28.1	28.7	30.0	32.0	26.1	26.6	27.8	29.7
		S/T	0.89	0.86	0.78	0.63	0.92	0.89	0.81	0.65	0.95	0.92	0.83	0.67	0.98	0.94	0.85	0.69	1.00	0.98	0.88	0.72	1.00	0.99	0.89	0.72
		ΔT	27.8	27	26	22	28	28	26	23	28	28	26	23	28	28	26	23	28	27	26	22	25	26	24	21
		kW	1.94	1.99	2.05	2.12	2.10	2.14	2.22	2.29	2.23	2.28	2.36	2.44	2.35	2.41	2.49	2.57	2.46	2.51	2.60	2.69	2.54	2.60	2.69	2.78
		Amps	7.5	7.7	8.0	8.3	8.1	8.3	8.6	8.9	8.8	9.0	9.3	9.7	9.4	9.7	10.0	10.3	10.0	10.3	10.6	11.0	10.6	10.9	11.2	11.7
		Hi PR	203	218	230	240	227	245	258	269	258	278	294	306	294	317	335	349	331	356	376	393	366	394	416	434
		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 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: DSZ160481A*/ CA*F4961*6A* + TXV/ MBE2000**-1B* — HIGH STAGE

			Outdoor Ambient Temperature																							
			65ºF				75ºF				85ºF				95ºF				105ºF				115ºF			
			Entering Indoor Wet Bulb Temperature																							
IDB	Airflow		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	-
	1550	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	-
	1356	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**	17	11	22	20	16	11	20	19	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
	1550	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
	1356	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**	18	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 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* — HIGH STAGE (CONT.)

IDB	Airflow		Outdoor Ambient Temperature																							
			65ºF				75ºF				85ºF				95ºF				105ºF				115ºF			
			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
80	1744	MBh	48.2	49.2	52.6	56.2	47.1	48.1	51.4	54.9	45.9	46.9	50.1	53.6	44.8	45.8	48.9	52.3	42.6	43.5	46.5	49.7	39.4	40.3	43.1	46.0
		S/T	0.95	0.89	0.72	0.54	1.00	0.92	0.75	0.56	1.00	0.94	0.77	0.57	1.00	1.00	0.79	0.59	1.00	1.00	0.82	0.61	1.00	1.00	0.83	0.62
		ΔT	24	23	20	16	25	23	20	16	24	23	20	16	24	24	20	16	22	23	20	16	21	21	19	15
		kW	2.87	2.93	3.03	3.12	3.09	3.16	3.26	3.37	3.29	3.36	3.48	3.59	3.47	3.54	3.66	3.79	3.61	3.70	3.82	3.95	3.74	3.83	3.96	4.09
		Amps	6.0	6.2	6.6	7.0	6.8	7.1	7.5	8.0	7.9	8.2	8.6	9.1	8.7	9.1	9.5	10.1	9.6	10.0	10.4	11.0	10.5	10.8	11.4	12.0
		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	109	116	126	135	115	122	134	142	120	127	139	148	126	134	146	155	132	140	153	163	136	145	158	168
	1550	MBh	46.8	47.8	51.1	54.6	45.7	46.7	49.9	53.3	44.6	45.6	48.7	52.0	43.5	44.5	**47.5**	50.8	41.3	42.2	45.1	48.2	38.3	39.1	41.8	44.7
		S/T	0.90	0.85	0.69	0.51	0.94	0.88	0.71	0.53	0.96	0.90	0.73	0.55	0.99	0.93	**0.76**	0.56	1.00	0.96	0.78	0.59	1.00	0.97	0.79	0.59
		ΔT	25	24	21	17	25	24	21	17	25	24	21	17	26	24	**21**	17	25	24	21	17	23	23	20	16
		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	335	**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
	1356	MBh	43.2	44.1	47.1	50.4	42.2	43.1	46.0	49.2	41.2	42.1	44.9	48.0	40.2	41.0	43.8	46.9	38.2	39.0	41.7	44.5	35.3	36.1	38.6	41.2
		S/T	0.87	0.82	0.66	0.50	0.90	0.85	0.69	0.51	0.92	0.87	0.71	0.53	0.95	0.89	0.73	0.54	0.99	0.93	0.76	0.57	1.00	0.94	0.76	0.57
		ΔT	25	24	21	17	26	25	21	17	26	25	21	17	26	25	22	17	26	25	21	17	24	23	20	16
		kW	2.78	2.84	2.93	3.02	2.99	3.06	3.16	3.26	3.18	3.25	3.36	3.47	3.35	3.43	3.54	3.66	3.49	3.57	3.69	3.82	3.62	3.70	3.82	3.95
		Amps	5.6	5.8	6.2	6.6	6.4	6.7	7.1	7.5	7.4	7.7	8.1	8.6	8.2	8.6	9.0	9.5	9.1	9.4	9.9	10.4	9.9	10.3	10.8	11.4
		Hi PR	207	223	236	246	233	251	265	276	265	285	301	314	302	324	343	357	339	365	385	402	375	403	426	444
		Lo PR	105	111	121	129	110	118	128	137	115	122	133	142	121	128	140	149	126	134	147	156	131	139	152	162
85	1744	MBh	49.0	50.0	52.3	55.8	47.9	48.8	51.1	54.5	46.7	47.6	49.9	53.2	45.6	46.5	48.7	51.9	43.3	44.2	46.2	49.3	40.1	40.9	42.8	45.7
		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	26	25	24	21	25	26	24	21	25	25	24	21	24	25	24	21	23	23	24	21	21	22	22	19
		kW	2.89	2.96	3.05	3.15	3.12	3.19	3.29	3.40	3.32	3.39	3.50	3.62	3.49	3.57	3.69	3.82	3.64	3.73	3.85	3.98	3.77	3.86	3.99	4.13
		Amps	6.1	6.3	6.7	7.1	7.0	7.2	7.6	8.1	8.0	8.3	8.7	9.2	8.9	9.2	9.7	10.2	9.7	10.1	10.6	11.2	10.6	11.0	11.5	12.1
		Hi PR	218	235	248	259	245	263	278	290	278	300	316	330	317	341	360	376	357	384	405	423	394	424	448	467
		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
	1550	MBh	47.6	48.5	50.8	54.2	46.5	47.4	49.6	52.9	45.4	46.3	48.4	51.7	44.3	45.1	47.3	50.4	42.1	42.9	44.9	47.9	39.0	39.7	41.6	44.4
		S/T	0.95	0.91	0.82	0.67	0.98	0.95	0.85	0.69	1.00	0.97	0.88	0.71	1.00	1.00	0.90	0.73	1.00	1.00	0.94	0.76	1.00	1.00	0.95	0.77
		ΔT	27	26	25	21	27	27	25	22	27	27	25	22	26	27	25	22	25	25	25	22	23	24	23	20
		kW	2.87	2.93	3.03	3.12	3.09	3.16	3.26	3.37	3.29	3.36	3.48	3.59	3.47	3.54	3.66	3.79	3.61	3.70	3.82	3.95	3.74	3.83	3.96	4.09
		Amps	6.0	6.2	6.6	7.0	6.8	7.1	7.5	8.0	7.9	8.2	8.6	9.1	8.7	9.1	9.5	10.1	9.6	10.0	10.4	11.0	10.5	10.8	11.4	12.0
		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	109	116	126	135	115	122	134	142	120	127	139	148	126	134	146	155	132	140	153	163	136	145	158	168
	1356	MBh	43.9	44.8	46.9	50.0	42.9	43.7	45.8	48.9	41.9	42.7	44.7	47.7	40.9	41.7	43.6	46.5	38.8	39.6	41.4	44.2	36.0	36.7	38.4	41.0
		S/T	0.91	0.88	0.79	0.64	0.95	0.91	0.82	0.67	0.97	0.94	0.84	0.68	1.00	0.97	0.87	0.71	1.00	1.00	0.90	0.73	1.00	1.00	0.91	0.74
		ΔT	27	27	25	22	27	27	26	22	28	27	26	22	28	27	26	22	26	27	25	22	24	25	24	21
		kW	2.80	2.86	2.95	3.05	3.02	3.08	3.18	3.29	3.21	3.28	3.39	3.50	3.38	3.45	3.57	3.69	3.52	3.60	3.72	3.85	3.65	3.73	3.85	3.99
		Amps	5.7	5.9	6.3	6.7	6.5	6.8	7.2	7.6	7.5	7.8	8.2	8.7	8.4	8.7	9.1	9.7	9.2	9.5	10.0	10.6	10.0	10.4	10.9	11.5
		Hi PR	210	225	238	248	235	253	267	279	267	288	304	317	305	328	346	361	343	369	389	406	379	407	430	449
		Lo PR	106	112	123	131	112	119	130	138	116	123	135	143	122	130	141	151	128	136	148	158	132	140	153	163

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: DSZ160601A*/ CA*F4961*6A* + TXV/ MBE2000**-1B* — LOW STAGE

			Outdoor Ambient Temperature																							
			65ºF				75ºF				85ºF				95ºF				105ºF				115ºF			
			Entering Indoor Wet Bulb Temperature																							
IDB	Airflow		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	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	-
	1200	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	-
	1050	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	-
75	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
	1200	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
	1050	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* — LOW STAGE (CONT.)

			Outdoor Ambient Temperature																							
			65ºF				75ºF				85ºF				95ºF				105ºF				115ºF			
			Entering Indoor Wet Bulb Temperature																							
IDB	Airflow		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
80	1350	MBh	41.2	42.1	45.0	48.1	40.3	41.1	44.0	47.0	39.3	40.2	42.9	45.9	38.3	39.2	41.9	44.7	36.4	37.2	39.8	42.5	33.7	34.5	36.8	39.4
		S/T	0.90	0.85	0.69	0.52	0.94	0.88	0.71	0.53	0.96	0.90	0.73	0.55	1.00	0.93	0.76	0.57	1.00	0.96	0.79	0.59	1.00	1.00	0.79	0.59
		ΔT	25	24	21	17	26	25	21	17	26	25	21	17	26	25	22	17	25	24	21	17	23	23	20	16
		kW	2.49	2.55	2.63	2.72	2.70	2.76	2.85	2.95	2.88	2.94	3.05	3.15	3.04	3.11	3.22	3.33	3.17	3.25	3.36	3.48	3.29	3.37	3.48	3.61
		Amps	9.6	9.9	10.2	10.6	10.4	10.7	11.0	11.4	11.3	11.6	12.0	12.5	12.1	12.4	12.8	13.3	12.9	13.2	13.7	14.2	13.7	14.0	14.5	15.1
		Hi PR	211	227	240	250	237	255	269	281	269	290	306	319	307	330	348	363	345	371	392	409	381	410	433	452
		Lo PR	106	113	123	131	112	119	130	139	117	124	135	144	122	130	142	152	128	137	149	159	133	141	154	164
	1200	MBh	40.0	40.9	43.7	46.7	39.1	39.9	42.7	45.6	38.2	39.0	41.7	44.5	37.2	38.0	**40.6**	43.4	35.4	36.1	38.6	41.3	32.8	33.5	35.8	38.2
		S/T	0.86	0.81	0.66	0.49	0.89	0.84	0.68	0.51	0.92	0.86	0.70	0.52	0.94	0.89	**0.72**	0.54	0.98	0.92	0.75	0.56	0.99	0.93	0.75	0.56
		ΔT	26	25	22	18	27	26	22	18	27	26	22	18	27	26	**22**	18	27	25	22	18	25	24	21	17
		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
	1050	MBh	36.9	37.7	40.3	43.1	36.1	36.9	39.4	42.1	35.2	36.0	38.4	41.1	34.4	35.1	37.5	40.1	32.6	33.4	35.6	38.1	30.2	30.9	33.0	35.3
		S/T	0.83	0.78	0.63	0.47	0.86	0.81	0.66	0.49	0.88	0.83	0.67	0.50	0.91	0.85	0.70	0.52	0.95	0.89	0.72	0.54	0.95	0.89	0.73	0.54
		ΔT	27	26	22	18	27	26	23	18	27	26	23	18	27	26	23	18	27	26	23	18	25	24	21	17
		kW	2.41	2.46	2.55	2.63	2.61	2.66	2.75	2.85	2.78	2.84	2.94	3.04	2.93	3.00	3.10	3.21	3.06	3.13	3.24	3.36	3.17	3.25	3.36	3.48
		Amps	9.3	9.5	9.8	10.2	10.0	10.3	10.6	11.0	10.9	11.2	11.6	12.0	11.7	12.0	12.4	12.8	12.4	12.7	13.2	13.7	13.2	13.5	14.0	14.5
		Hi PR	203	218	230	240	227	245	258	269	259	278	294	306	294	317	335	349	331	357	376	393	366	394	416	434
		Lo PR	102	109	118	126	108	115	125	133	112	119	130	139	118	125	137	146	123	131	143	152	128	136	148	158
85	1350	MBh	41.9	42.7	44.8	47.8	41.0	41.8	43.7	46.7	40.0	40.8	42.7	45.5	39.0	39.8	41.6	44.4	37.1	37.8	39.6	42.2	34.3	35.0	36.7	39.1
		S/T	0.95	0.91	0.82	0.67	0.98	0.95	0.85	0.69	1.00	0.97	0.88	0.71	1.00	1.00	0.90	0.73	1.00	1.00	0.94	0.76	1.00	1.00	0.95	0.77
		ΔT	27	27	25	22	27	27	25	22	27	27	25	22	27	27	26	22	25	26	25	22	23	24	24	20
		kW	2.51	2.57	2.66	2.75	2.72	2.78	2.88	2.98	2.90	2.97	3.07	3.18	3.06	3.13	3.24	3.36	3.20	3.27	3.39	3.51	3.32	3.40	3.51	3.64
		Amps	9.7	10.0	10.3	10.7	10.5	10.8	11.1	11.6	11.4	11.7	12.1	12.6	12.2	12.5	13.0	13.5	13.0	13.4	13.8	14.3	13.8	14.2	14.6	15.2
		Hi PR	213	229	242	253	239	257	272	283	272	293	309	322	310	333	352	367	348	375	396	413	385	414	437	456
		Lo PR	107	114	125	133	113	121	132	140	118	125	137	146	124	132	144	153	130	138	151	160	134	143	156	166
	1200	MBh	40.7	41.5	43.5	46.4	39.8	40.5	42.5	45.3	38.8	39.6	41.4	44.2	37.9	38.6	40.4	43.1	36.0	36.7	38.4	41.0	33.3	34.0	35.6	38.0
		S/T	0.90	0.87	0.79	0.64	0.94	0.90	0.82	0.66	0.96	0.93	0.84	0.68	0.99	0.96	0.86	0.70	1.00	0.99	0.90	0.73	1.00	1.00	0.90	0.73
		ΔT	28	28	26	23	29	28	27	23	29	28	27	23	29	28	27	23	28	28	26	23	26	26	25	21
		kW	2.49	2.55	2.63	2.72	2.70	2.76	2.85	2.95	2.88	2.94	3.05	3.15	3.04	3.11	3.22	3.33	3.17	3.25	3.36	3.48	3.29	3.37	3.48	3.61
		Amps	9.6	9.9	10.2	10.6	10.4	10.7	11.0	11.4	11.3	11.6	12.0	12.5	12.1	12.4	12.8	13.3	12.9	13.2	13.7	14.2	13.7	14.0	14.5	15.1
		Hi PR	211	227	240	250	237	255	269	281	269	290	306	319	307	330	348	363	345	371	392	409	381	410	433	452
		Lo PR	106	113	123	131	112	119	130	139	117	124	135	144	122	130	142	152	128	137	149	159	133	141	154	164
	1050	MBh	37.6	38.3	40.1	42.8	36.7	37.4	39.2	41.8	35.8	36.5	38.3	40.8	35.0	35.6	37.3	39.8	33.2	33.9	35.5	37.8	30.8	31.4	32.8	35.0
		S/T	0.87	0.84	0.76	0.62	0.90	0.87	0.79	0.64	0.93	0.89	0.81	0.65	0.96	0.92	0.83	0.67	0.99	0.96	0.86	0.70	1.00	0.96	0.87	0.71
		ΔT	28.7	28	27	23	29	29	27	23	29	29	27	23	29	29	27	24	29	28	27	23	27	26	25	22
		kW	2.43	2.48	2.57	2.65	2.63	2.69	2.78	2.87	2.80	2.87	2.97	3.07	2.96	3.03	3.13	3.24	3.09	3.16	3.27	3.39	3.20	3.28	3.39	3.51
		Amps	9.4	9.6	9.9	10.3	10.1	10.4	10.7	11.1	11.0	11.3	11.7	12.1	11.8	12.1	12.5	13.0	12.5	12.9	13.3	13.8	13.3	13.6	14.1	14.6
		Hi PR	205	220	233	243	230	247	261	272	261	281	297	310	297	320	338	353	335	360	380	397	370	398	420	438
		Lo PR	103	110	120	127	109	116	126	135	113	120	131	140	119	126	138	147	125	132	145	154	129	137	150	159

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

IDB	Airflow		Outdoor Ambient Temperature 65ºF				75ºF				85ºF				95ºF				105ºF				115ºF			
			Entering Indoor Wet Bulb Temperature																							
			59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
70	2025	MBh	55.9	57.9	63.4	-	54.6	56.5	62.0	-	53.3	55.2	60.5	-	52.0	53.9	59.0	-	49.4	51.2	56.1	-	45.7	47.4	51.9	-
		S/T	0.74	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	-
		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	-
	1800	MBh	54.2	56.2	61.6	-	53.0	54.9	60.1	-	51.7	53.6	58.7	-	50.4	52.3	57.3	-	47.9	49.7	54.4	-	44.4	46.0	50.4	-
		S/T	0.71	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	-
		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	-
	1575	MBh	50.1	51.9	56.8	-	48.9	50.7	55.5	-	47.7	49.5	54.2	-	46.6	48.3	52.9	-	44.2	45.8	50.2	-	41.0	42.5	46.5	-
		S/T	0.68	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	-
		Lo PR	97	103	112	-	102	109	119	-	106	113	124	-	112	119	130	-	117	125	136	-	121	129	141	-
75	2025	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
		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
	1800	MBh	55.1	56.8	61.5	66.0	53.9	55.5	60.0	64.4	52.6	54.1	58.6	62.9	51.3	**52.8**	57.2	61.4	48.7	50.2	54.3	58.3	45.1	46.5	50.3	54.0
		S/T	0.80	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
		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
	1575	MBh	50.9	52.4	56.7	60.9	49.7	51.2	55.4	59.5	48.5	50.0	54.1	58.1	47.3	**48.8**	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 COOLING DATA: DSZ160601A*/ CA*F4961*6A* + TXV/ MBE2000**-1B* — HIGH STAGE (CONT.)

			Outdoor Ambient Temperature																							
			65ºF				75ºF				85ºF				95ºF				105ºF				115ºF			
			Entering Indoor Wet Bulb Temperature																							
IDB	Airflow		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
80	2025	MBh	57.8	59.1	63.1	67.5	56.5	57.7	61.6	65.9	55.1	56.3	60.2	64.3	53.8	55.0	58.7	62.8	51.1	52.2	55.8	59.6	47.3	48.4	51.7	55.2
		S/T	0.92	0.87	0.71	0.53	0.96	0.90	0.73	0.55	1.00	0.92	0.75	0.56	1.00	0.95	0.77	0.58	1.00	1.00	0.80	0.60	1.00	1.00	0.81	0.61
		ΔT	24	23	20	16	25	24	20	16	25	24	20	16	24	24	21	16	23	24	20	16	21	22	19	15
		kW	3.63	3.71	3.83	3.96	3.92	4.01	4.14	4.28	4.17	4.27	4.41	4.56	4.40	4.50	4.65	4.81	4.59	4.70	4.86	5.02	4.76	4.86	5.03	5.21
		Amps	13.4	13.7	14.2	14.7	14.5	14.8	15.4	15.9	15.8	16.2	16.7	17.4	16.9	17.3	17.9	18.6	18.0	18.5	19.1	19.8	19.1	19.6	20.3	21.1
		Hi PR	218	235	248	259	245	263	278	290	278	300	316	330	317	341	360	376	357	384	405	423	394	424	448	467
		Lo PR	103	109	120	127	109	116	126	134	113	120	131	140	119	126	138	147	124	132	144	154	129	137	149	159
	1800	MBh	56.1	57.4	61.3	65.5	54.8	56.0	59.9	64.0	53.5	54.7	58.4	62.5	52.2	53.4	**57.0**	60.9	49.6	50.7	54.2	57.9	45.9	46.9	50.2	53.6
		S/T	0.88	0.83	0.67	0.50	0.91	0.86	0.70	0.52	0.94	0.88	0.71	0.53	0.97	0.91	**0.74**	0.55	1.00	0.94	0.77	0.57	1.00	0.95	0.77	0.58
		ΔT	25	24	21	17	26	25	21	17	26	25	21	17	26	25	**21**	17	25	24	21	17	23	23	20	16
		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	4.66	4.81	4.98	4.71	4.82	4.99	5.16
		Amps	13.3	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	444	463
		Lo PR	102	108	118	126	108	115	125	133	112	119	130	138	118	125	**137**	145	123	131	143	152	127	136	148	158
	1575	MBh	51.8	52.9	56.6	60.5	50.6	51.7	55.2	59.1	49.4	50.5	53.9	57.6	48.2	49.2	52.6	56.2	45.8	46.8	50.0	53.4	42.4	43.3	46.3	49.5
		S/T	0.85	0.80	0.65	0.48	0.88	0.83	0.67	0.50	0.90	0.85	0.69	0.52	0.93	0.87	0.71	0.53	0.97	0.91	0.74	0.55	0.98	0.91	0.74	0.56
		ΔT	26	25	21	17	26	25	22	17	26	25	22	17	26	25	22	17	26	25	22	17	24	23	20	16
		kW	3.51	3.59	3.71	3.83	3.79	3.87	4.00	4.14	4.03	4.13	4.26	4.41	4.25	4.35	4.49	4.65	4.43	4.54	4.69	4.85	4.59	4.70	4.86	5.03
		Amps	12.9	13.2	13.6	14.2	14.0	14.3	14.8	15.3	15.2	15.6	16.1	16.7	16.3	16.7	17.2	17.9	17.3	17.8	18.4	19.1	18.4	18.9	19.5	20.3
		Hi PR	210	225	238	248	235	253	267	279	267	288	304	317	305	328	346	361	343	369	389	406	379	407	430	449
		Lo PR	99	105	115	122	104	111	121	129	109	115	126	134	114	121	132	141	119	127	139	148	124	131	144	153
85	2025	MBh	58.8	60.0	62.8	67.0	57.5	58.6	61.3	65.4	56.1	57.2	59.9	63.9	54.7	55.8	58.4	62.3	52.0	53.0	55.5	59.2	48.2	49.1	51.4	54.8
		S/T	0.97	0.93	0.84	0.68	1.00	0.97	0.87	0.71	1.00	0.99	0.90	0.73	1.00	1.00	0.93	0.75	1.00	1.00	0.96	0.78	1.00	1.00	0.97	0.79
		ΔT	26	25	24	21	26	26	24	21	25	26	24	21	25	25	25	21	24	24	24	21	22	22	23	20
		kW	3.66	3.74	3.86	3.99	3.95	4.04	4.17	4.31	4.21	4.30	4.45	4.60	4.44	4.54	4.69	4.85	4.63	4.74	4.90	5.07	4.80	4.91	5.07	5.25
		Amps	13.5	13.8	14.3	14.8	14.6	15.0	15.5	16.1	15.9	16.3	16.9	17.5	17.1	17.5	18.1	18.8	18.2	18.6	19.3	20.0	19.3	19.8	20.5	21.3
		Hi PR	220	237	250	261	247	266	281	293	281	303	320	333	320	345	364	380	360	388	409	427	398	428	452	472
		Lo PR	104	111	121	129	110	117	128	136	114	121	133	141	120	128	139	148	126	134	146	155	130	138	151	161
	1800	MBh	57.1	58.2	61.0	65.0	55.8	56.9	59.6	63.5	54.5	55.5	58.1	62.0	53.1	54.2	56.7	60.5	50.5	51.4	53.9	57.5	46.7	47.7	49.9	53.2
		S/T	0.92	0.89	0.80	0.65	0.96	0.92	0.83	0.68	0.98	0.95	0.86	0.69	1.00	0.98	0.88	0.72	1.00	1.00	0.92	0.74	1.00	1.00	0.92	0.75
		ΔT	27	27	25	22	27	27	25	22	27	27	25	22	27	27	26	22	26	26	25	22	24	24	24	20
		kW	3.63	3.71	3.83	3.96	3.92	4.01	4.14	4.28	4.17	4.27	4.41	4.56	4.40	4.50	4.65	4.81	4.59	4.70	4.86	5.02	4.76	4.86	5.03	5.21
		Amps	13.4	13.7	14.2	14.7	14.5	14.8	15.4	15.9	15.8	16.2	16.7	17.4	16.9	17.3	17.9	18.6	18.0	18.5	19.1	19.8	19.1	19.6	20.3	21.1
		Hi PR	218	235	248	259	245	263	278	290	278	300	316	330	317	341	360	376	357	384	405	423	394	424	448	467
		Lo PR	103	109	120	127	109	116	126	134	113	120	131	140	119	126	138	147	124	132	144	154	129	137	149	159
	1575	MBh	52.7	53.7	56.3	60.0	51.5	52.5	55.0	58.6	50.3	51.2	53.7	57.2	49.0	50.0	52.3	55.8	46.6	47.5	49.7	53.1	43.1	44.0	46.1	49.1
		S/T	0.89	0.86	0.78	0.63	0.92	0.89	0.80	0.65	0.95	0.91	0.82	0.67	0.98	0.94	0.85	0.69	1.00	0.98	0.88	0.72	1.00	0.99	0.89	0.72
		ΔT	27	27	25	22	28	27	26	22	28	27	26	22	28	28	26	23	27	27	26	22	25	25	24	21
		kW	3.54	3.62	3.74	3.86	3.82	3.91	4.03	4.17	4.07	4.16	4.30	4.44	4.29	4.38	4.53	4.69	4.47	4.57	4.73	4.89	4.63	4.74	4.90	5.07
		Amps	13.0	13.3	13.8	14.3	14.1	14.4	14.9	15.5	15.3	15.7	16.3	16.9	16.4	16.8	17.4	18.1	17.5	17.9	18.6	19.3	18.6	19.0	19.7	20.5
		Hi PR	212	228	240	251	237	256	270	281	270	291	307	320	308	331	350	365	346	372	393	410	382	411	434	453
		Lo PR	100	106	116	123	105	112	122	130	110	117	127	136	115	122	134	142	121	128	140	149	125	133	145	154

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

Low pressure is measured at the gauge port connection.
Calculations are based on nominal CFM and 70 °F indoor dry bulb.
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).
Amps = Outdoor unit amps (comp.+fan)
kW = Total system power

Low pressure is measured at the gauge port connection.
Calculations are based on nominal CFM and 70 °F indoor dry bulb.
Shaded area is AHRI Rating Conditions at 47°F outdoor ambient temperature

AHRI Performance Ratings

Outdoor Unit	Indoor Units		Cooling Capacity (BTU/h)				TVA Ratings[3]		Heating Capacity			AHRI #
	Coils & Air Handlers	Furnace/Blower	Total	Sens.	SEER[1]	EER[2]	Total	Sens.	High	HSPF[4]	Low	
DSZ16 0241A*	AEPF303616C*+TXV		24,000	19,000	16	12.5	22,200	18,900	23,000	9.5	15,000	3367860
	AEPF313716A*+TXV		24,000	19,000	16	12.5	22,200	18,900	23,000	9.5	15,000	3493528
	CA*F3636*6B*+TXV	MBE1200**-1B*	24,000	19,000	16	12.5	22,200	18,900	24,000	9.5	15,000	3372179
	CA*F3636*6B*+TXV	MBE1600**-1B*	24,000	19,000	16	12.5	22,200	18,900	23,000	9.5	15,000	3372180
	CA*F3636*6B*+TXV	A*V80704B**	24,000	19,000	16	12.5	22,200	18,900	23,000	9.5	15,000	3367861
	CA*F3636*6B*+TXV	G*V950453B**	23,000	18,200	15.5	12	21,300	18,100	24,000	9.5	15,000	3367865
	CA*F3636*6B*+TXV	G*V950704C**	24,000	19,000	16	12.5	22,200	18,900	23,000	9.5	15,000	3367866
	CA*F3636*6B*+TXV	A*V80905C**	24,000	19,000	16	12.5	22,200	18,900	23,000	9.5	15,000	3422792
	CA*F3636*6B*+TXV	A*V81155C**	24,000	19,000	16	12.5	22,200	18,900	23,000	9.5	15,000	3422793
	CA*F3636*6B*+TXV	G*VC950453BXA*	23,000	18,200	15.5	12	21,300	18,100	24,000	9.5	15,000	3599169
	CA*F3636*6B*+TXV	G*VC950704CXA*	24,000	19,000	16	12.5	22,200	18,900	23,000	9.5	15,000	3599238
	CA*F3636*6B*+TXV	G*V90704C**	24,000	19,000	16	12.5	22,200	18,900	23,000	9.5	15,000	3606041
	CA*F3636*6C*+TXV	MBE1200**-1B*	24,000	19,000	16	12.5	22,200	18,900	24,000	9.5	15,000	3372181
	CA*F3636*6C*+TXV	MBE1600**-1B*	24,000	19,000	16	12.5	22,200	18,900	23,000	9.5	15,000	3372182
	CA*F3636*6C*+TXV	MBVC1200**-1A*	24,000	19,000	16	12.5	22,200	18,900	24,000	9.5	15,000	3609927
	CA*F3636*6C*+TXV	MBVC1600**-1A*	24,000	19,000	16	12.5	22,200	18,900	23,000	9.5	15,000	3609931
	CA*F3636*6C*+TXV	A*V80704B**	24,000	19,000	16	12.5	22,200	18,900	23,000	9.5	15,000	3372183
	CA*F3636*6C*+TXV	G*V90704C**	24,000	19,000	16	12.5	22,200	18,900	23,000	9.5	15,000	3372187
	CA*F3636*6C*+TXV	G*V950453B**	23,000	18,200	15.5	12	21,300	18,100	24,000	9.5	15,000	3372188
	CA*F3636*6C*+TXV	G*V950704C**	24,000	19,000	16	12.5	22,200	18,900	23,000	9.5	15,000	3372189
	CA*F3636*6C*+TXV	A*V80905C**	24,000	19,000	16	12.5	22,200	18,900	23,000	9.5	15,000	3422794
	CA*F3636*6C*+TXV	A*V81155C**	24,000	19,000	16	12.5	22,200	18,900	23,000	9.5	15,000	3422795
	CA*F3636*6C*+TXV	G*VC90704CXA*	24,000	19,000	16	12.5	22,200	18,900	23,000	9.5	15,000	3599018
	CA*F3636*6C*+TXV	G*VC950453BXA*	23,000	18,200	15.5	12	21,300	18,100	24,000	9.5	15,000	3599170
	CA*F3636*6C*+TXV	G*VC950704CXA*	24,000	19,000	16	12.5	22,200	18,900	23,000	9.5	15,000	3599242
	CA*F3636*6C*+TXV	A*VC80704BXA*	24,000	19,000	16	12.5	22,200	18,900	23,000	9.5	15,000	3629712
	CA*F3636*6C*+TXV	A*VC80905CXA*	24,000	19,000	16	12.5	22,200	18,900	23,000	9.5	15,000	3629717
	CA*F3636*6C*+TXV	A*VC81155CXA*	24,000	19,000	16	12.5	22,200	18,900	23,000	9.5	15,000	3629724
	CA*F3642*6B*+TXV	MBE1600**-1B*	24,000	19,000	16	12.5	22,200	18,900	24,000	9.5	15,000	3372190
	CA*F3642*6B*+TXV	A*V80704B**	24,000	19,000	16	12.5	22,200	18,900	24,000	9.5	15,000	3367867
	CA*F3642*6B*+TXV	G*V950453B**	24,000	19,000	15.5	12	22,200	18,900	24,000	9.3	15,000	3367871
	CA*F3642*6B*+TXV	A*V80905C**	24,000	19,000	16	12.5	22,200	18,900	24,000	9.5	15,000	3422796
	CA*F3642*6B*+TXV	A*V81155C**	24,000	19,000	16	12.5	22,200	18,900	24,000	9.5	15,000	3422797
	CA*F3642*6B*+TXV	G*VC950453BXA*	24,000	19,000	15.5	12	22,200	18,900	24,000	9.3	15,000	3599192
	CA*F3642*6C*+TXV	MBE1600**-1B*	24,000	19,000	16	12.5	22,200	18,900	24,000	9.5	15,000	3372191
	CA*F3642*6C*+TXV	MBVC1600**-1A*	24,000	19,000	16	12.5	22,200	18,900	24,000	9.5	15,000	3609941
	CA*F3642*6C*+TXV	A*V80704B**	24,000	19,000	16	12.5	22,200	18,900	24,000	9.5	15,000	3372192
	CA*F3642*6C*+TXV	G*V950453B**	24,000	19,000	15.5	12	22,200	18,900	24,000	9.3	15,000	3372196
	CA*F3642*6C*+TXV	A*V80905C**	24,000	19,000	16	12.5	22,200	18,900	24,000	9.5	15,000	3422798
	CA*F3642*6C*+TXV	A*V81155C**	24,000	19,000	16	12.5	22,200	18,900	24,000	9.5	15,000	3422799
	CA*F3642*6C*+TXV	G*VC950453BXA*	24,000	19,000	15.5	12	22,200	18,900	24,000	9.3	15,000	3599198
	CA*F3642*6C*+TXV	A*VC80704BXA*	24,000	19,000	16	12.5	22,200	18,900	24,000	9.5	15,000	3629713
	CA*F3642*6C*+TXV	A*VC80905CXA*	24,000	19,000	16	12.5	22,200	18,900	24,000	9.5	15,000	3629718
	CA*F3642*6C*+TXV	A*VC81155CXA*	24,000	19,000	16	12.5	22,200	18,900	24,000	9.5	15,000	3629725
	CHPF3636B6B*+TXV	MBE1200**-1B*	24,000	19,000	16	12.5	22,200	18,900	23,000	9.5	15,000	3367872

See Notes on Page 29.

AHRI Performance Ratings (cont.)

Outdoor Unit	Indoor Units		Cooling Capacity (BTU/h)				TVA Ratings[3]		Heating Capacity			AHRI #
	Coils & Air Handlers	Furnace/Blower	Total	Sens.	SEER[1]	EER[2]	Total	Sens.	High	HSPF[4]	Low	
DSZ16 0241A* (cont.)	CHPF3636B6B*+TXV	A*V80704B**	24,000	19,000	16	12.5	22,200	18,900	24,000	9.5	15,000	3367873
	CHPF3636B6B*+TXV	G*V950453B**	24,000	19,000	15.5	12	22,200	18,900	24,000	9.3	15,000	3367877
	CHPF3636B6B*+TXV	G*VC950453BXA*	24,000	19,000	15.5	12	22,200	18,900	24,000	9.3	15,000	3599193
	CHPF3636B6C*+TXV	MBE1200**-1B*	24,000	19,000	16	12.5	22,200	18,900	23,000	9.5	15,000	3367878
	CHPF3636B6C*+TXV	MBVC1200**-1A*	24,000	19,000	16	12.5	22,200	18,900	23,000	9.5	15,000	3610006
	CHPF3636B6C*+TXV	A*V80704B**	24,000	19,000	16	12.5	22,200	18,900	24,000	9.5	15,000	3367879
	CHPF3636B6C*+TXV	G*V950453B**	24,000	19,000	15.5	12	22,200	18,900	24,000	9.3	15,000	3367883
	CHPF3636B6C*+TXV	A*V80905C**	24,000	19,000	16	12.5	22,200	18,900	24,000	9.5	15,000	3422800
	CHPF3636B6C*+TXV	A*V81155C**	24,000	19,000	16	12.5	22,200	18,900	24,000	9.5	15,000	3422801
	CHPF3636B6C*+TXV	G*VC950453BXA*	24,000	19,000	15.5	12	22,200	18,900	24,000	9.3	15,000	3599194
	CHPF3636B6C*+TXV	A*VC80704BXA*	24,000	19,000	16	12.5	22,200	18,900	24,000	9.5	15,000	3629714
	CHPF3636B6C*+TXV	A*VC80905CXA*	24,000	19,000	16	12.5	22,200	18,900	24,000	9.5	15,000	3629719
	CHPF3636B6C*+TXV	A*VC81155CXA*	24,000	19,000	16	12.5	22,200	18,900	24,000	9.5	15,000	3629726
	CHPF3642C6B*+TXV	MBE1600**-1B*	24,000	19,000	16	12.5	22,200	18,900	24,000	9.5	15,000	3372197
	CHPF3642C6B*+TXV	A*V80704B**	24,000	19,000	16	12.5	22,200	18,900	24,000	9.5	15,000	3367884
	CHPF3642C6B*+TXV	G*V950453B**	24,000	19,000	15.5	12	22,200	18,900	24,000	9.3	15,000	3367888
	CHPF3642C6B*+TXV	G*VC950453BXA*	24,000	19,000	15.5	12	22,200	18,900	24,000	9.3	15,000	3599195
	CHPF3642C6C*+TXV	MBE1600**-1B*	24,000	19,000	16	12.5	22,200	18,900	24,000	9.5	15,000	3367889
	CHPF3642C6C*+TXV	MBVC1600**-1A*	24,000	19,000	16	12.5	22,200	18,900	24,000	9.5	15,000	3610010
	CHPF3642C6C*+TXV	A*V80704B**	24,000	19,000	16	12.5	22,200	18,900	24,000	9.5	15,000	3367890
	CHPF3642C6C*+TXV	G*V950453B**	24,000	19,000	15.5	12	22,200	18,900	24,000	9.3	15,000	3367894
	CHPF3642C6C*+TXV	G*V950704C**	24,000	19,000	16	12.5	22,200	18,900	24,000	9.5	15,000	3367895
	CHPF3642C6C*+TXV	A*V80905C**	24,000	19,000	16	12.5	22,200	18,900	24,000	9.5	15,000	3422802
	CHPF3642C6C*+TXV	A*V81155C**	24,000	19,000	16	12.5	22,200	18,900	24,000	9.5	15,000	3422803
	CHPF3642C6C*+TXV	G*VC950453BXA*	24,000	19,000	15.5	12	22,200	18,900	24,000	9.3	15,000	3599196
	CHPF3642C6C*+TXV	G*VC950704CXA*	24,000	19,000	16	12.5	22,200	18,900	24,000	9.5	15,000	3599239
	CHPF3642C6C*+TXV	A*VC80704BXA*	24,000	19,000	16	12.5	22,200	18,900	24,000	9.5	15,000	3629715
	CHPF3642C6C*+TXV	A*VC80905CXA*	24,000	19,000	16	12.5	22,200	18,900	24,000	9.5	15,000	3629720
	CHPF3642C6C*+TXV	A*VC81155CXA*	24,000	19,000	16	12.5	22,200	18,900	24,000	9.5	15,000	3629727
	CHPF3743C6A*+TXV	G*V950704C**	24,000	19,000	16	12.5	22,200	18,900	24,000	9.5	15,000	3367898
	CHPF3743C6A*+TXV	G*VC950704CXA*	24,000	19,000	16	12.5	22,200	18,900	24,000	9.5	15,000	3599240
	CHPF3743C6B*+TXV	G*V950704C**	24,000	19,000	16	12.5	22,200	18,900	24,000	9.5	15,000	3367901
	CHPF3743C6B*+TXV	A*V80905C**	24,000	19,000	16	12.5	22,200	18,900	24,000	9.5	15,000	3422804
	CHPF3743C6B*+TXV	A*V81155C**	24,000	19,000	16	12.5	22,200	18,900	24,000	9.5	15,000	3422805
	CHPF3743C6B*+TXV	G*VC950704CXA*	24,000	19,000	16	12.5	22,200	18,900	24,000	9.5	15,000	3599241
	CHPF3743C6B*+TXV	A*VC80905CXA*	24,000	19,000	16	12.5	22,200	18,900	24,000	9.5	15,000	3629721
	CHPF3743C6B*+TXV	A*VC81155CXA*	24,000	19,000	16	12.5	22,200	18,900	24,000	9.5	15,000	3629728
	CHPF3743D6A*+TXV	MBE1600**-1B*	24,000	19,000	16	12.5	22,200	18,900	23,000	9.5	15,000	3372198
	CHPF3743D6B*+TXV	MBE1600**-1B*	24,000	19,000	16	12.5	22,200	18,900	23,000	9.5	15,000	3372199
	CHPF3743D6B*+TXV	MBVC1600**-1A*	24,000	19,000	16	12.5	22,200	18,900	23,000	9.5	15,000	3610026
	CHTF3636B6A*+TXV	MBE1200**-1B*	24,000	19,000	16	12.5	22,200	18,900	23,000	9.5	15,000	3372200
	CHTF3636B6A*+TXV	MBVC1200**-1A*	24,000	19,000	16	12.5	22,200	18,900	23,000	9.5	15,000	3610062
	CHTF3642C6A*+TXV	MBE1600**-1B*	24,000	19,000	16	12.5	22,200	18,900	24,000	9.5	15,000	3372201
	CHTF3642C6A*+TXV	MBVC1600**-1A*	24,000	19,000	16	12.5	22,200	18,900	24,000	9.5	15,000	3610063
	CSCF3036N6B*+TXV	A*V80704B**	23,400	18,500	15	12	21,600	18,400	23,000	9.1	15,000	3367902

See Notes on Page 29.

AHRI Performance Ratings (cont.)

Outdoor Unit	Indoor Units		Cooling Capacity (BTU/h)				TVA Ratings[3]		Heating Capacity			AHRI #
	Coils & Air Handlers	Furnace/Blower	Total	Sens.	SEER[1]	EER[2]	Total	Sens.	High	HSPF[4]	Low	
DSZ16 0241A* (cont.)	CSCF3036N6B*+TXV	G*V950453B**	23,400	18,500	15	12	21,600	18,400	23,000	9.3	15,000	3367906
	CSCF3036N6B*+TXV	G*V950704C**	24,000	19,000	16	12.5	22,200	18,900	24,000	9.5	15,000	3367907
	CSCF3036N6B*+TXV	A*V80905C**	24,000	19,000	16	12.5	22,200	18,900	24,000	9.5	15,000	3422806
	CSCF3036N6B*+TXV	A*V81155C**	24,000	19,000	16	12.5	22,200	18,900	24,000	9.5	15,000	3422807
	CSCF3036N6B*+TXV	G*VC950453BXA*	23,400	18,500	15	12	21,600	18,400	23,000	9.3	15,000	3599180
	CSCF3036N6B*+TXV	G*VC950704CXA*	24,000	19,000	16	12.5	22,200	18,900	24,000	9.5	15,000	3599237
	CSCF3036N6B*+TXV	A*VC80704BXA*	23,400	18,500	15	12	21,600	18,400	23,000	9.1	15,000	3629711
	CSCF3036N6B*+TXV	A*VC80905CXA*	24,000	19,000	16	12.5	22,200	18,900	24,000	9.5	15,000	3629722
	CSCF3036N6B*+TXV	A*VC81155CXA*	24,000	19,000	16	12.5	22,200	18,900	24,000	9.5	15,000	3629729
	CSCF3642N6C*+TXV	A*V80704B**	24,000	19,000	16	12.5	22,200	18,900	24,000	9.5	15,000	3367908
	CSCF3642N6C*+TXV	G*V950453B**	24,000	19,000	15.5	12	22,200	18,900	24,000	9.3	15,000	3367912
	CSCF3642N6C*+TXV	A*V80905C**	24,000	19,000	16	12.5	22,200	18,900	24,000	9.5	15,000	3422808
	CSCF3642N6C*+TXV	A*V81155C**	24,000	19,000	16	12.5	22,200	18,900	24,000	9.5	15,000	3422809
	CSCF3642N6C*+TXV	G*VC950453BXA*	24,000	19,000	15.5	12	22,200	18,900	24,000	9.3	15,000	3599197
	CSCF3642N6C*+TXV	A*VC80704BXA*	24,000	19,000	16	12.5	22,200	18,900	24,000	9.5	15,000	3629716
	CSCF3642N6C*+TXV	A*VC80905CXA*	24,000	19,000	16	12.5	22,200	18,900	24,000	9.5	15,000	3629723
	CSCF3642N6C*+TXV	A*VC81155CXA*	24,000	19,000	16	12.5	22,200	18,900	24,000	9.5	15,000	3629730
	CT*F3636*6A*+TXV	MBE1200**-1B*	24,000	19,000	16	12.5	22,200	18,900	24,000	9.5	15,000	3372324
	CT*F3636*6A*+TXV	MBE1600**-1B*	24,000	19,000	16	12.5	22,200	18,900	24,000	9.5	15,000	3372325
	CT*F3636*6A*+TXV	MBVC1200**-1A*	24,000	19,000	16	12.5	22,200	18,900	24,000	9.5	15,000	3610095
	CT*F3636*6A*+TXV	MBVC1600**-1A*	24,000	19,000	16	12.5	22,200	18,900	24,000	9.5	15,000	3610099
	CT*F3642*6A*+TXV	MBE1600**-1B*	24,000	19,000	16	12.5	22,200	18,900	24,000	9.5	15,000	3372326
	CT*F3642*6A*+TXV	MBVC1600**-1A*	24,000	19,000	16	12.5	22,200	18,900	24,000	9.5	15,000	3610109
DSZ16 0361A*	AEPF313716A*+TXV		34,600	25,300	16	12.5	32,000	25,000	34,400	9.5	21,000	3476073
	CA*F3743*6A*+TXV	MBE1600**-1B*	34,600	25,300	16	12.5	32,000	25,000	34,400	9.75	21,000	3372327
	CA*F3743*6A*+TXV	MBE2000**-1B*	34,600	25,300	16	12.5	32,000	25,000	34,400	9.5	21,000	3372202
	CA*F3743*6A*+TXV	MBVC1600**-1A*	34,600	25,300	16	12.5	32,000	25,000	34,400	9.75	21,000	3609948
	CA*F3743*6A*+TXV	MBVC2000**-1A*	34,600	25,300	16	12.5	32,000	25,000	34,400	9.5	21,000	3609953
	CA*F3743*6A*+TXV	A*V80704B**	34,200	25,000	15.5	11.5	31,600	24,600	34,000	9.3	21,000	3367914
	CA*F3743*6A*+TXV	G*V950453B**	34,600	25,300	15.5	11.5	32,000	25,000	34,000	9.3	21,000	3367918
	CA*F3743*6A*+TXV	G*V950704C**	34,600	25,300	16	12	32,000	25,000	34,000	9.3	21,000	3367919
	CA*F3743*6A*+TXV	G*V950905D**	34,600	25,300	16	12.5	32,000	25,000	34,400	9.5	21,000	3367920
	CA*F3743*6A*+TXV	G*V951155D**	34,600	25,300	16	12.5	32,000	25,000	34,400	9.5	21,000	3367921
	CA*F3743*6A*+TXV	A*V80905C**	34,200	25,000	15	12	31,600	24,600	34,000	9.5	20,400	3422810
	CA*F3743*6A*+TXV	A*V81155C**	34,600	25,300	15	12	32,000	25,000	34,000	9.5	20,400	3422811
	CA*F3743*6A*+TXV	G*VC950453BXA*	34,600	25,300	15.5	11.5	32,000	25,000	34,000	9.3	21,000	3599210
	CA*F3743*6A*+TXV	G*VC950704CXA*	34,600	25,300	16	12	32,000	25,000	34,000	9.3	21,000	3599293
	CA*F3743*6A*+TXV	G*VC950905DXA*	34,600	25,300	16	12.5	32,000	25,000	34,400	9.5	21,000	3599344
	CA*F3743*6A*+TXV	G*VC951155DXA*	34,600	25,300	16	12.5	32,000	25,000	34,400	9.5	21,000	3599494
	CA*F3743*6A*+TXV	G*V90704C**	34,600	25,300	16	12	32,000	25,000	34,000	9.3	21,000	3606042
	CA*F3743*6A*+TXV	G*V90905D**	34,600	25,300	16	12.5	32,000	25,000	34,400	9.5	21,000	3606043
	CA*F3743*6A*+TXV	G*V91155D**	34,600	25,300	16	12.5	32,000	25,000	34,400	9.5	21,000	3606044
	CA*F3743*6A*+TXV	A*VC80704BXA*	34,200	25,000	15.5	11.5	31,600	24,600	34,000	9.3	21,000	3629732
	CA*F3743*6A*+TXV	A*VC80905CXA*	34,200	25,000	15	12	31,600	24,600	34,000	9.5	20,400	3629733
	CA*F3743*6A*+TXV	A*VC81155CXA*	34,600	25,300	15	12	32,000	25,000	34,000	9.5	20,400	3643009

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AHRI Performance Ratings (cont.)

Outdoor Unit	Indoor Units		Cooling Capacity (BTU/h)				TVA Ratings[3]		Heating Capacity			AHRI #
	Coils & Air Handlers	Furnace/Blower	Total	Sens.	SEER[1]	EER[2]	Total	Sens.	High	HSPF[4]	Low	
DSZ16 0361A* (cont.)	CA*F4860*6B*+TXV	MBE1600**-1B*	35,000	25,600	16	12.5	32,400	25,300	34,400	9.5	21,000	3372203
	CA*F4860*6B*+TXV	MBE2000**-1B*	35,000	25,600	16	12.5	32,400	25,300	34,400	9.5	21,000	3372204
	CA*F4860*6B*+TXV	MBVC1600**-1A*	35,000	25,600	16	12.5	32,400	25,300	34,400	9.5	21,000	3609955
	CA*F4860*6B*+TXV	MBVC2000**-1A*	35,000	25,600	16	12.5	32,400	25,300	34,400	9.5	21,000	3609962
	CA*F4860*6B*+TXV	A*V80704B**	35,000	25,600	15.5	11.5	32,400	25,300	34,000	9.3	21,000	3367922
	CA*F4860*6B*+TXV	G*V950453B**	35,000	25,600	15.5	11.5	32,400	25,300	34,000	9.3	21,000	3367926
	CA*F4860*6B*+TXV	G*V950704C**	35,000	25,600	16	12	32,400	25,300	34,000	9.3	21,000	3367927
	CA*F4860*6B*+TXV	G*V950905D**	35,000	25,600	16	12.5	32,400	25,300	34,400	9.5	21,000	3367928
	CA*F4860*6B*+TXV	G*V951155D**	35,000	25,600	16	12.5	32,400	25,300	34,400	9.5	21,000	3367929
	CA*F4860*6B*+TXV	A*V80905C**	35,000	25,600	15.5	12	32,400	25,300	34,000	9.5	20,400	3422812
	CA*F4860*6B*+TXV	A*V81155C**	35,000	25,600	15	12	32,400	25,300	34,000	9.5	20,400	3422813
	CA*F4860*6B*+TXV	G*VC950453BXA*	35,000	25,600	15.5	11.5	32,400	25,300	34,000	9.3	21,000	3599222
	CA*F4860*6B*+TXV	G*VC950704CXA*	35,000	25,600	16	12	32,400	25,300	34,000	9.3	21,000	3599309
	CA*F4860*6B*+TXV	G*VC950905DXA*	35,000	25,600	16	12.5	32,400	25,300	34,400	9.5	21,000	3599349
	CA*F4860*6B*+TXV	G*VC951155DXA*	35,000	25,600	16	12.5	32,400	25,300	34,400	9.5	21,000	3599499
	CA*F4860*6B*+TXV	G*V90704C**	35,000	25,600	16	12	32,400	25,300	34,000	9.3	21,000	3606045
	CA*F4860*6B*+TXV	G*V90905D**	35,000	25,600	16	12.5	32,400	25,300	34,400	9.5	21,000	3606046
	CA*F4860*6B*+TXV	G*V91155D**	35,000	25,600	16	12.5	32,400	25,300	34,400	9.5	21,000	3606047
	CA*F4860*6B*+TXV	A*VC80704BXA*	35,000	25,600	15.5	11.5	32,400	25,300	34,000	9.3	21,000	3629767
	CA*F4860*6B*+TXV	A*VC80905CXA*	35,000	25,600	15.5	12	32,400	25,300	34,000	9.5	20,400	3629769
	CA*F4860*6B*+TXV	A*VC81155CXA*	35,000	25,600	15	12	32,400	25,300	34,000	9.5	20,400	3643030
	CA*F4961*6A*+TXV	G*V90905D**	34,600	25,300	16	12.5	32,000	25,000	34,400	9.75	21,000	3367930
	CA*F4961*6A*+TXV	G*VC90905DXA*	34,600	25,300	16	12.5	32,000	25,000	34,400	9.75	21,000	3599059
	CHPF3642C6C*+TXV	MBE1600**-1B*	34,600	25,300	16	12.5	32,000	25,000	34,400	9.5	21,000	3367931
	CHPF3642C6C*+TXV	MBVC1600**-1A*	34,600	25,300	16	12.5	32,000	25,000	34,400	9.5	21,000	3610012
	CHPF3642D6C*+TXV	MBE2000**-1B*	34,600	25,300	16	12.5	32,000	25,000	34,400	9.5	21,000	3367932
	CHPF3642D6C*+TXV	MBVC2000**-1A*	34,600	25,300	16	12.5	32,000	25,000	34,400	9.5	21,000	3610018
	CHPF3642D6C*+TXV	G*V950905D**	34,600	25,300	16	12.5	32,000	25,000	34,400	9.5	21,000	3367933
	CHPF3642D6C*+TXV	G*V951155D**	34,600	25,300	16	12.5	32,000	25,000	34,400	9.5	21,000	3367934
	CHPF3642D6C*+TXV	G*VC950905DXA*	34,600	25,300	16	12.5	32,000	25,000	34,400	9.5	21,000	3599338
	CHPF3642D6C*+TXV	G*VC951155DXA*	34,600	25,300	16	12.5	32,000	25,000	34,400	9.5	21,000	3599486
	CHPF3743C6A*+TXV	MBE1600**-1B*	34,600	25,300	16	12.5	32,000	25,000	34,400	9.5	21,000	3372205
	CHPF3743C6A*+TXV	A*V80704B**	34,600	25,300	15.5	11.5	32,000	25,000	34,000	9.3	21,000	3367935
	CHPF3743C6A*+TXV	G*V950453B**	34,600	25,300	15.5	11.5	32,000	25,000	34,000	9.3	21,000	3367939
	CHPF3743C6A*+TXV	G*V950704C**	34,600	25,300	16	12	32,000	25,000	34,000	9.3	21,000	3367940
	CHPF3743C6A*+TXV	G*V950905D**	34,600	25,300	16	12.5	32,000	25,000	34,400	9.5	21,000	3367941
	CHPF3743C6A*+TXV	G*V951155D**	34,600	25,300	16	12.5	32,000	25,000	34,400	9.5	21,000	3367942
	CHPF3743C6A*+TXV	G*VC950453BXA*	34,600	25,300	15.5	11.5	32,000	25,000	34,000	9.3	21,000	3599211
	CHPF3743C6A*+TXV	G*VC950704CXA*	34,600	25,300	16	12	32,000	25,000	34,000	9.3	21,000	3599294
	CHPF3743C6A*+TXV	G*VC950905DXA*	34,600	25,300	16	12.5	32,000	25,000	34,400	9.5	21,000	3599339
	CHPF3743C6A*+TXV	G*VC951155DXA*	34,600	25,300	16	12.5	32,000	25,000	34,400	9.5	21,000	3599487
	CHPF3743C6B*+TXV	MBE1600**-1B*	34,600	25,300	16	12.5	32,000	25,000	34,400	9.5	21,000	3367943
	CHPF3743C6B*+TXV	MBVC1600**-1A*	34,600	25,300	16	12.5	32,000	25,000	34,400	9.5	21,000	3610020
	CHPF3743C6B*+TXV	A*V80704B**	34,600	25,300	15.5	11.5	32,000	25,000	34,000	9.3	21,000	3367944
	CHPF3743C6B*+TXV	G*V950453B**	34,600	25,300	15.5	11.5	32,000	25,000	34,000	9.3	21,000	3367948

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AHRI Performance Ratings (cont.)

Outdoor Unit	Indoor Units		Cooling Capacity (BTU/h)				TVA Ratings[3]		Heating Capacity			AHRI #
	Coils & Air Handlers	Furnace/Blower	Total	Sens.	SEER[1]	EER[2]	Total	Sens.	High	HSPF[4]	Low	
DSZ16 0361A* (cont.)	CHPF3743C6B*+TXV	G*V950704C**	34,600	25,300	16	12	32,000	25,000	34,000	9.3	21,000	3367949
	CHPF3743C6B*+TXV	G*V950905D**	34,600	25,300	16	12.5	32,000	25,000	34,400	9.5	21,000	3367950
	CHPF3743C6B*+TXV	G*V951155D**	34,600	25,300	16	12.5	32,000	25,000	34,400	9.5	21,000	3367951
	CHPF3743C6B*+TXV	A*V80905C**	35,000	25,600	15	12	32,400	25,300	34,000	9.5	20,400	3422814
	CHPF3743C6B*+TXV	A*V81155C**	34,600	25,300	15	12	32,000	25,000	34,000	9.5	20,400	3422815
	CHPF3743C6B*+TXV	G*VC950453BXA*	34,600	25,300	15.5	11.5	32,000	25,000	34,000	9.3	21,000	3599212
	CHPF3743C6B*+TXV	G*VC950704CXA*	34,600	25,300	16	12	32,000	25,000	34,000	9.3	21,000	3599295
	CHPF3743C6B*+TXV	G*VC950905DXA*	34,600	25,300	16	12.5	32,000	25,000	34,400	9.5	21,000	3599340
	CHPF3743C6B*+TXV	G*VC951155DXA*	34,600	25,300	16	12.5	32,000	25,000	34,400	9.5	21,000	3599488
	CHPF3743C6B*+TXV	A*VC80704BXA*	34,600	25,300	15.5	11.5	32,000	25,000	34,000	9.3	21,000	3629735
	CHPF3743C6B*+TXV	A*VC80905CXA*	35,000	25,600	15	12	32,400	25,300	34,000	9.5	20,400	3629770
	CHPF3743C6B*+TXV	A*VC81155CXA*	34,600	25,300	15	12	32,000	25,000	34,000	9.5	20,400	3643010
	CHPF3743D6A*+TXV	MBE2000**-1B*	34,600	25,300	16	12.5	32,000	25,000	34,400	9.5	21,000	3372206
	CHPF3743D6A*+TXV	A*V80704B**	34,600	25,300	15.5	11.5	32,000	25,000	34,000	9.3	21,000	3372207
	CHPF3743D6A*+TXV	G*V950453B**	34,600	25,300	15.5	11.5	32,000	25,000	34,000	9.3	21,000	3372211
	CHPF3743D6A*+TXV	G*V950704C**	34,600	25,300	16	12	32,000	25,000	34,000	9.3	21,000	3372212
	CHPF3743D6A*+TXV	G*V950905D**	34,600	25,300	16	12.5	32,000	25,000	34,400	9.5	21,000	3372213
	CHPF3743D6A*+TXV	G*V951155D**	34,600	25,300	16	12.5	32,000	25,000	34,400	9.5	21,000	3372214
	CHPF3743D6A*+TXV	G*VC950453BXA*	34,600	25,300	15.5	11.5	32,000	25,000	34,000	9.3	21,000	3599214
	CHPF3743D6A*+TXV	G*VC950704CXA*	34,600	25,300	16	12	32,000	25,000	34,000	9.3	21,000	3599297
	CHPF3743D6A*+TXV	G*VC950905DXA*	34,600	25,300	16	12.5	32,000	25,000	34,400	9.5	21,000	3599342
	CHPF3743D6A*+TXV	G*VC951155DXA*	34,600	25,300	16	12.5	32,000	25,000	34,400	9.5	21,000	3599490
	CHPF3743D6B*+TXV	MBE2000**-1B*	34,600	25,300	16	12.5	32,000	25,000	34,400	9.5	21,000	3367952
	CHPF3743D6B*+TXV	MBVC2000**-1A*	34,600	25,300	16	12.5	32,000	25,000	34,400	9.5	21,000	3610027
	CHPF3743D6B*+TXV	A*V80704B**	34,600	25,300	15.5	11.5	32,000	25,000	34,000	9.3	21,000	3372215
	CHPF3743D6B*+TXV	G*V950453B**	34,600	25,300	15.5	11.5	32,000	25,000	34,000	9.3	21,000	3372219
	CHPF3743D6B*+TXV	G*V950704C**	34,600	25,300	16	12	32,000	25,000	34,000	9.3	21,000	3372220
	CHPF3743D6B*+TXV	G*V950905D**	34,600	25,300	16	12.5	32,000	25,000	34,400	9.5	21,000	3372221
	CHPF3743D6B*+TXV	G*V951155D**	34,600	25,300	16	12.5	32,000	25,000	34,400	9.5	21,000	3372222
	CHPF3743D6B*+TXV	A*V80905C**	34,200	25,000	15.5	12	31,600	24,600	34,000	9.5	20,400	3422816
	CHPF3743D6B*+TXV	A*V81155C**	34,600	25,300	15	12	32,000	25,000	34,000	9.5	20,400	3422817
	CHPF3743D6B*+TXV	G*VC950453BXA*	34,600	25,300	15.5	11.5	32,000	25,000	34,000	9.3	21,000	3599215
	CHPF3743D6B*+TXV	G*VC950704CXA*	34,600	25,300	16	12	32,000	25,000	34,000	9.3	21,000	3599298
	CHPF3743D6B*+TXV	G*VC950905DXA*	34,600	25,300	16	12.5	32,000	25,000	34,400	9.5	21,000	3599343
	CHPF3743D6B*+TXV	G*VC951155DXA*	34,600	25,300	16	12.5	32,000	25,000	34,400	9.5	21,000	3599491
	CHPF3743D6B*+TXV	A*VC80905CXA*	34,200	25,000	15.5	12	31,600	24,600	34,000	9.5	20,400	3629734
	CHPF3743D6B*+TXV	A*VC80704BXA*	34,600	25,300	15.5	11.5	32,000	25,000	34,000	9.3	21,000	3629736
	CHPF3743D6B*+TXV	A*VC81155CXA*	34,600	25,300	15	12	32,000	25,000	34,000	9.5	20,400	3643011
	CHTF3743C6A*+TXV	MBE1600**-1B*	34,600	25,300	16	12.5	32,000	25,000	34,400	9.5	21,000	3372223
	CHTF3743C6A*+TXV	MBVC1600**-1A*	34,600	25,300	16	12.5	32,000	25,000	34,400	9.5	21,000	3610064
	CHTF3743D6A*+TXV	MBE2000**-1B*	34,600	25,300	16	12.5	32,000	25,000	34,400	9.5	21,000	3372224
	CHTF3743D6A*+TXV	MBVC2000**-1A*	34,600	25,300	16	12.5	32,000	25,000	34,400	9.5	21,000	3610067
	CSCF3642N6C*+TXV	A*V80704B**	34,600	25,300	15.5	11.5	32,000	25,000	34,000	9.3	21,000	3367953
	CSCF3642N6C*+TXV	G*V950453B**	34,600	25,300	15.5	11.5	32,000	25,000	34,000	9.3	21,000	3367957
	CSCF3642N6C*+TXV	G*V950704C**	34,600	25,300	16	12	32,000	25,000	34,000	9.3	21,000	3367958

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AHRI Performance Ratings (cont.)

Outdoor Unit	Indoor Units		Cooling Capacity (BTU/h)				TVA Ratings[3]		Heating Capacity			AHRI #
	Coils & Air Handlers	Furnace/Blower	Total	Sens.	SEER[1]	EER[2]	Total	Sens.	High	HSPF[4]	Low	
DSZ16 0361A* (cont.)	CSCF3642N6C*+TXV	G*V950905D**	34,600	25,300	16	12.5	32,000	25,000	34,400	9.5	21,000	3367959
	CSCF3642N6C*+TXV	G*V951155D**	34,600	25,300	16	12.5	32,000	25,000	34,400	9.5	21,000	3367960
	CSCF3642N6C*+TXV	A*V80905C**	35,000	25,600	15	12	32,400	25,300	34,000	9.5	20,400	3422818
	CSCF3642N6C*+TXV	A*V81155C**	34,600	25,300	15	12	32,000	25,000	34,000	9.5	20,400	3422819
	CSCF3642N6C*+TXV	G*VC950453BXA*	34,600	25,300	15.5	11.5	32,000	25,000	34,000	9.3	21,000	3599213
	CSCF3642N6C*+TXV	G*VC950704CXA*	34,600	25,300	16	12	32,000	25,000	34,000	9.3	21,000	3599296
	CSCF3642N6C*+TXV	G*VC950905DXA*	34,600	25,300	16	12.5	32,000	25,000	34,400	9.5	21,000	3599341
	CSCF3642N6C*+TXV	G*VC951155DXA*	34,600	25,300	16	12.5	32,000	25,000	34,400	9.5	21,000	3599489
	CSCF3642N6C*+TXV	A*VC80704BXA*	34,600	25,300	15.5	11.5	32,000	25,000	34,000	9.3	21,000	3629737
	CSCF3642N6C*+TXV	A*VC80905CXA*	35,000	25,600	15	12	32,400	25,300	34,000	9.5	20,400	3629771
	CSCF3642N6C*+TXV	A*VC81155CXA*	34,600	25,300	15	12	32,000	25,000	34,000	9.5	20,400	3643012
	CSCF4860N6C*+TXV	A*V80704B**	35,000	25,600	15.5	11.5	32,400	25,300	34,000	9.3	21,000	3367961
	CSCF4860N6C*+TXV	G*V950453B**	35,000	25,600	15.5	11.5	32,400	25,300	34,000	9.3	21,000	3367965
	CSCF4860N6C*+TXV	G*V950704C**	35,000	25,600	16	12	32,400	25,300	34,000	9.3	21,000	3367966
	CSCF4860N6C*+TXV	G*V950905D**	35,000	25,600	16	12.5	32,400	25,300	34,400	9.5	21,000	3367967
	CSCF4860N6C*+TXV	G*V951155D**	35,000	25,600	16	12.5	32,400	25,300	34,400	9.5	21,000	3367968
	CSCF4860N6C*+TXV	A*V80905C**	35,000	25,600	15	12	32,400	25,300	34,000	9.5	20,400	3422820
	CSCF4860N6C*+TXV	A*V81155C**	35,000	25,600	15	12	32,400	25,300	34,000	9.5	20,400	3422821
	CSCF4860N6C*+TXV	G*VC950453BXA*	35,000	25,600	15.5	11.5	32,400	25,300	34,000	9.3	21,000	3599223
	CSCF4860N6C*+TXV	G*VC950704CXA*	35,000	25,600	16	12	32,400	25,300	34,000	9.3	21,000	3599310
	CSCF4860N6C*+TXV	G*VC950905DXA*	35,000	25,600	16	12.5	32,400	25,300	34,400	9.5	21,000	3599350
	CSCF4860N6C*+TXV	G*VC951155DXA*	35,000	25,600	16	12.5	32,400	25,300	34,400	9.5	21,000	3599500
	CSCF4860N6C*+TXV	A*VC80704BXA*	35,000	25,600	15.5	11.5	32,400	25,300	34,000	9.3	21,000	3629768
	CSCF4860N6C*+TXV	A*VC80905CXA*	35,000	25,600	15	12	32,400	25,300	34,000	9.5	20,400	3629772
	CSCF4860N6C*+TXV	A*VC81155CXA*	35,000	25,600	15	12	32,400	25,300	34,000	9.5	20,400	3643031
	CT*F3642*6A*+TXV	MBE1600**-1B*	34,600	25,300	16	12.5	32,000	25,000	34,400	9.75	21,000	3372328
	CT*F3642*6A*+TXV	MBVC1600**-1A*	34,600	25,300	16	12.5	32,000	25,000	34,400	9.75	21,000	3610110
	CT*F4860*6A*+TXV	MBE2000**-1B*	35,000	25,600	16	12.5	32,400	25,300	34,400	9.5	21,000	3372329
	CT*F4860*6A*+TXV	MBVC2000**-1A*	35,000	25,600	16	12.5	32,400	25,300	34,400	9.5	21,000	3610137
DSZ16 0481A*	AEPF426016C*+TXV		46,000	35,000	15.5	12	42,600	34,500	46,000	9.5	34,000	3367969
	CA*F4961*6A*+TXV	MBE1600**-1B*	47,000	35,700	15.5	12.5	43,500	35,200	47,000	9.75	34,000	3372225
	CA*F4961*6A*+TXV	MBE2000**-1B*	47,500	36,100	16	13	43,900	35,600	47,000	9.75	34,000	3372226
	CA*F4961*6A*+TXV	MBVC1600**-1A*	47,000	35,700	15.5	12.5	43,500	35,200	47,000	9.75	34,000	3609967
	CA*F4961*6A*+TXV	MBVC2000**-1A*	47,500	36,100	16	13	43,900	35,600	47,000	9.75	34,000	3609982
	CA*F4961*6A*+TXV	G*V950704C**	47,500	36,100	16	12.5	43,900	35,600	47,000	9.5	34,000	3367972
	CA*F4961*6A*+TXV	G*V950905D**	47,500	36,100	16	12.5	43,900	35,600	47,000	9.5	34,000	3367973
	CA*F4961*6A*+TXV	G*V951155D**	47,500	36,100	16	12.5	43,900	35,600	47,000	9.5	34,000	3367974
	CA*F4961*6A*+TXV	A*V80905C**	47,000	35,700	15.5	12	43,500	35,200	46,000	9.5	34,000	3422822
	CA*F4961*6A*+TXV	A*V81155C**	47,500	36,100	15.5	12	43,900	35,600	46,000	9.5	34,000	3422823
	CA*F4961*6A*+TXV	G*VC950704CXA*	47,500	36,100	16	12.5	43,900	35,600	47,000	9.5	34,000	3599319
	CA*F4961*6A*+TXV	G*VC950905DXA*	47,500	36,100	16	12.5	43,900	35,600	47,000	9.5	34,000	3599443
	CA*F4961*6A*+TXV	G*VC951155DXA*	47,500	36,100	16	12.5	43,900	35,600	47,000	9.5	34,000	3599602
	CA*F4961*6A*+TXV	G*V90704C**	47,000	35,700	15	12	43,500	35,200	46,000	9	34,000	3606048
	CA*F4961*6A*+TXV	G*V90905D**	47,000	35,700	15.5	12.5	43,500	35,200	46,000	9	34,000	3606049
	CA*F4961*6A*+TXV	G*V91155D**	47,000	35,700	16	12.5	43,500	35,200	46,000	9	34,000	3606050

See Notes on Page 29.

AHRI Performance Ratings (cont.)

Outdoor Unit	Indoor Units		Cooling Capacity (BTU/h)				TVA Ratings[3]		Heating Capacity			AHRI #
	Coils & Air Handlers	Furnace/Blower	Total	Sens.	SEER[1]	EER[2]	Total	Sens.	High	HSPF[4]	Low	
DSZ16 0481A* (cont.)	CA*F4961*6A*+TXV	A*VC80905CXA*	47,000	35,700	15.5	12	43,500	35,200	46,000	9.5	34,000	3643032
	CA*F4961*6A*+TXV	A*VC81155CXA*	47,500	36,100	15.5	12	43,900	35,600	46,000	9.5	34,000	3643043
	CHPF4860D6C*+TXV	MBE2000**-1B*	47,500	36,100	16	12.5	43,900	35,600	47,000	9.75	34,000	3367975
	CHPF4860D6C*+TXV	G*V950704C**	47,500	36,100	16	12.5	43,900	35,600	47,000	9.5	34,000	3367977
	CHPF4860D6C*+TXV	G*V950905D**	47,500	36,100	16	12.5	43,900	35,600	47,000	9.5	34,000	3367978
	CHPF4860D6C*+TXV	G*V951155D**	47,500	36,100	16	12.5	43,900	35,600	47,000	9.5	34,000	3367979
	CHPF4860D6C*+TXV	G*VC950704CXA*	47,500	36,100	16	12.5	43,900	35,600	47,000	9.5	34,000	3599320
	CHPF4860D6C*+TXV	G*VC950905DXA*	47,500	36,100	16	12.5	43,900	35,600	47,000	9.5	34,000	3599444
	CHPF4860D6C*+TXV	G*VC951155DXA*	47,500	36,100	16	12.5	43,900	35,600	47,000	9.5	34,000	3599603
	CHPF4860D6D*+TXV	MBE2000**-1B*	47,500	36,100	16	12.5	43,900	35,600	47,000	9.75	34,000	3367980
	CHPF4860D6D*+TXV	MBVC2000**-1A*	47,500	36,100	16	12.5	43,900	35,600	47,000	9.75	34,000	3610042
	CHPF4860D6D*+TXV	G*V950704C**	47,500	36,100	16	12.5	43,900	35,600	47,000	9.5	34,000	3367983
	CHPF4860D6D*+TXV	G*V950905D**	47,500	36,100	16	12.5	43,900	35,600	47,000	9.5	34,000	3367984
	CHPF4860D6D*+TXV	G*V951155D**	47,500	36,100	16	12.5	43,900	35,600	47,000	9.5	34,000	3367985
	CHPF4860D6D*+TXV	A*V80905C**	47,500	36,100	15.5	12	43,900	35,600	46,000	9.5	34,000	3422824
	CHPF4860D6D*+TXV	A*V81155C**	47,500	36,100	15.5	12	43,900	35,600	46,000	9.5	34,000	3422825
	CHPF4860D6D*+TXV	G*VC950704CXA*	47,500	36,100	16	12.5	43,900	35,600	47,000	9.5	34,000	3599321
	CHPF4860D6D*+TXV	G*VC950905DXA*	47,500	36,100	16	12.5	43,900	35,600	47,000	9.5	34,000	3599445
	CHPF4860D6D*+TXV	G*VC951155DXA*	47,500	36,100	16	12.5	43,900	35,600	47,000	9.5	34,000	3599604
	CHPF4860D6D*+TXV	A*VC80905CXA*	47,500	36,100	15.5	12	43,900	35,600	46,000	9.5	34,000	3643042
	CHPF4860D6D*+TXV	A*VC81155CXA*	47,500	36,100	15.5	12	43,900	35,600	46,000	9.5	34,000	3643044
	CHTF4860D6A*+TXV	MBE2000**-1B*	47,500	36,100	16	12.5	43,900	35,600	47,000	9.75	34,000	3372227
	CHTF4860D6A*+TXV	MBVC2000**-1A*	47,500	36,100	16	12.5	43,900	35,600	47,000	9.75	34,000	3610069
	CSCF4860N6C*+TXV	G*V950704C**	47,500	36,100	16	12.5	43,900	35,600	47,000	9.5	34,000	3367988
	CSCF4860N6C*+TXV	G*V950905D**	47,500	36,100	16	12.5	43,900	35,600	47,000	9.5	34,000	3367989
	CSCF4860N6C*+TXV	G*V951155D**	47,500	36,100	16	12.5	43,900	35,600	47,000	9.5	34,000	3367990
	CSCF4860N6C*+TXV	A*V80905C**	47,000	35,700	15.5	12	43,500	35,200	46,000	9.5	34,000	3422826
	CSCF4860N6C*+TXV	A*V81155C**	47,000	35,700	15.5	12	43,500	35,200	46,000	9.5	34,000	3422827
	CSCF4860N6C*+TXV	G*VC950704CXA*	47,500	36,100	16	12.5	43,900	35,600	47,000	9.5	34,000	3599322
	CSCF4860N6C*+TXV	G*VC950905DXA*	47,500	36,100	16	12.5	43,900	35,600	47,000	9.5	34,000	3599446
	CSCF4860N6C*+TXV	G*VC951155DXA*	47,500	36,100	16	12.5	43,900	35,600	47,000	9.5	34,000	3599605
	CSCF4860N6C*+TXV	A*VC80905CXA*	47,000	35,700	15.5	12	43,500	35,200	46,000	9.5	34,000	3643033
	CSCF4860N6C*+TXV	A*VC81155CXA*	47,000	35,700	15.5	12	43,500	35,200	46,000	9.5	34,000	3643034
	CT*F4860*6A*+TXV	MBE2000**-1B*	47,500	36,100	16	12.5	43,900	35,600	47,000	9.75	34,000	3372330
	CT*F4860*6A*+TXV	MBVC2000**-1A*	47,500	36,100	16	12.5	43,900	35,600	47,000	9.75	34,000	3610139
DSZ16 0601A*	AEPF426016C*+TXV		57,000	42,200	15	12	52,700	41,600	57,000	9	36,400	3367991
	CA*F4961*6A*+TXV	MBE2000**-1B*	57,000	42,200	16	12.2	52,700	41,600	57,000	9.75	36,000	3372228
	CA*F4961*6A*+TXV	MBVC2000**-1A*	57,000	42,200	16	12.2	52,700	41,600	57,000	9.75	36,000	3609983
	CA*F4961*6A*+TXV	G*V950905D**	57,000	42,200	15	12	52,700	41,600	57,000	9.25	36,000	3367994
	CA*F4961*6A*+TXV	G*V951155D**	57,000	42,200	15	12	52,700	41,600	57,000	9.25	36,000	3367995
	CA*F4961*6A*+TXV	A*V80905C**	57,000	42,200	15	12	52,700	41,600	57,000	9.25	36,000	3422828
	CA*F4961*6A*+TXV	A*V81155C**	57,000	42,200	15	12	52,700	41,600	57,000	9.25	36,000	3422829
	CA*F4961*6A*+TXV	G*VC950905DXA*	57,000	42,200	15	12	52,700	41,600	57,000	9.25	36,000	3599462
	CA*F4961*6A*+TXV	G*VC951155DXA*	57,000	42,200	15	12	52,700	41,600	57,000	9.25	36,000	3599621

See Notes on Page 29.

AHRI Performance Ratings (cont.)

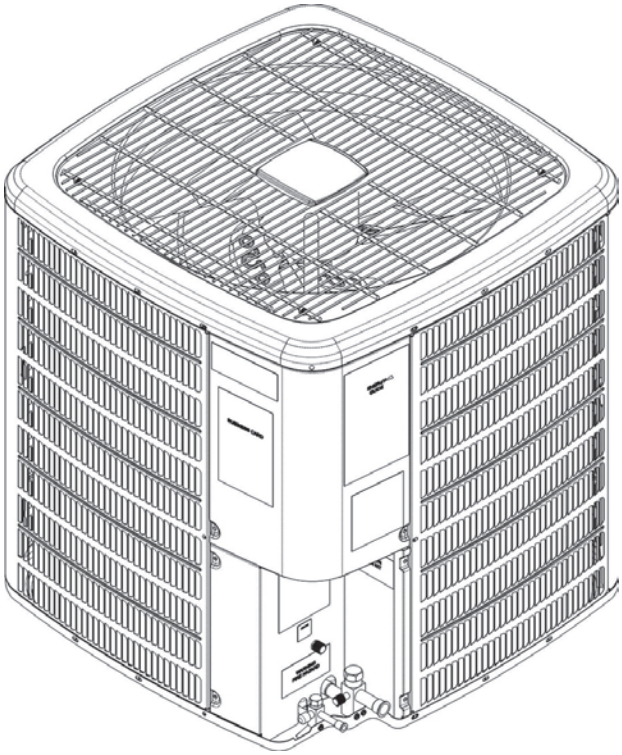
Outdoor Unit	Indoor Units		Cooling Capacity (BTU/h)				TVA Ratings[3]		Heating Capacity			AHRI #
	Coils & Air Handlers	Furnace/Blower	Total	Sens.	SEER[1]	EER[2]	Total	Sens.	High	HSPF[4]	Low	
DSZ16 0601A* (cont.)	CA*F4961*6A*+TXV	G*V90905D**	55,500	41,100	14.5	12	51,300	40,500	57,000	9	36,000	3606051
	CA*F4961*6A*+TXV	G*V91155D**	56,000	41,400	15	12	51,800	40,900	57,000	9	36,000	3606052
	CA*F4961*6A*+TXV	A*VC80905CXA*	57,000	42,200	15	12	52,700	41,600	57,000	9.25	36,000	3643045
	CA*F4961*6A*+TXV	A*VC81155CXA*	57,000	42,200	15	11.5	52,700	41,600	57,000	9.25	36,000	3643048
	CHPF4860D6C*+TXV	MBE2000**-1B*	57,000	42,200	16	12.2	52,700	41,600	57,000	9.35	36,000	3367996
	CHPF4860D6C*+TXV	G*V950905D**	57,000	42,200	15	12	52,700	41,600	57,000	9.25	36,000	3367999
	CHPF4860D6C*+TXV	G*V951155D**	57,000	42,200	15	12	52,700	41,600	57,000	9.25	36,000	3368000
	CHPF4860D6C*+TXV	G*VC950905DXA*	57,000	42,200	15	12	52,700	41,600	57,000	9.25	36,000	3599459
	CHPF4860D6C*+TXV	G*VC951155DXA*	57,000	42,200	15	12	52,700	41,600	57,000	9.25	36,000	3599622
	CHPF4860D6D*+TXV	MBE2000**-1B*	57,000	42,200	16	12.2	52,700	41,600	57,000	9.35	36,000	3368001
	CHPF4860D6D*+TXV	MBVC2000**-1A*	57,000	42,200	16	12.2	52,700	41,600	57,000	9.35	36,000	3610043
	CHPF4860D6D*+TXV	G*V950905D**	57,000	42,200	15	12	52,700	41,600	57,000	9.25	36,000	3368004
	CHPF4860D6D*+TXV	G*V951155D**	57,000	42,200	15	12	52,700	41,600	57,000	9.25	36,000	3368005
	CHPF4860D6D*+TXV	A*V80905C**	57,000	42,200	15	12	52,700	41,600	57,000	9.25	36,000	3422830
	CHPF4860D6D*+TXV	A*V81155C**	57,000	42,200	15	12	52,700	41,600	57,000	9.25	36,000	3422831
	CHPF4860D6D*+TXV	G*VC950905DXA*	57,000	42,200	15	12	52,700	41,600	57,000	9.25	36,000	3599460
	CHPF4860D6D*+TXV	G*VC951155DXA*	57,000	42,200	15	12	52,700	41,600	57,000	9.25	36,000	3599623
	CHPF4860D6D*+TXV	A*VC80905CXA*	57,000	42,200	15	11.5	52,700	41,600	57,000	9.25	36,000	3643046
	CHPF4860D6D*+TXV	A*VC81155CXA*	57,000	42,200	15	11.5	52,700	41,600	57,000	9.25	36,000	3643049
	CHTF4860D6A*+TXV	MBE2000**-1B*	57,000	42,200	16	12.2	52,700	41,600	57,000	9.35	36,000	3372229
	CHTF4860D6A*+TXV	MBVC2000**-1A*	57,000	42,200	16	12.2	52,700	41,600	57,000	9.35	36,000	3610070
	CSCF4860N6C*+TXV	G*V950905D**	57,000	42,200	15	12	52,700	41,600	57,000	9.25	36,000	3368008
	CSCF4860N6C*+TXV	G*V951155D**	57,000	42,200	15	12	52,700	41,600	57,000	9.25	36,000	3368009
	CSCF4860N6C*+TXV	A*V80905C**	57,000	42,200	15	12	52,700	41,600	57,000	9.25	36,000	3422832
	CSCF4860N6C*+TXV	A*V81155C**	57,000	42,200	15	12	52,700	41,600	57,000	9.25	36,000	3422833
	CSCF4860N6C*+TXV	G*VC950905DXA*	57,000	42,200	15	12	52,700	41,600	57,000	9.25	36,000	3599463
	CSCF4860N6C*+TXV	G*VC951155DXA*	57,000	42,200	15	12	52,700	41,600	57,000	9.25	36,000	3599627
	CSCF4860N6C*+TXV	A*VC80905CXA*	57,000	42,200	15	11.5	52,700	41,600	57,000	9.25	36,000	3643047
	CSCF4860N6C*+TXV	A*VC81155CXA*	57,000	42,200	15	11.5	52,700	41,600	57,000	9.25	36,000	3643050
	CT*F4860*6A*+TXV	MBE2000**-1B*	57,000	42,200	16	12.2	52,700	41,600	57,000	9.75	36,000	3372331
	CT*F4860*6A*+TXV	MBVC2000**-1A*	57,000	42,200	16	12.2	52,700	41,600	57,000	9.75	36,000	3610140

[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:

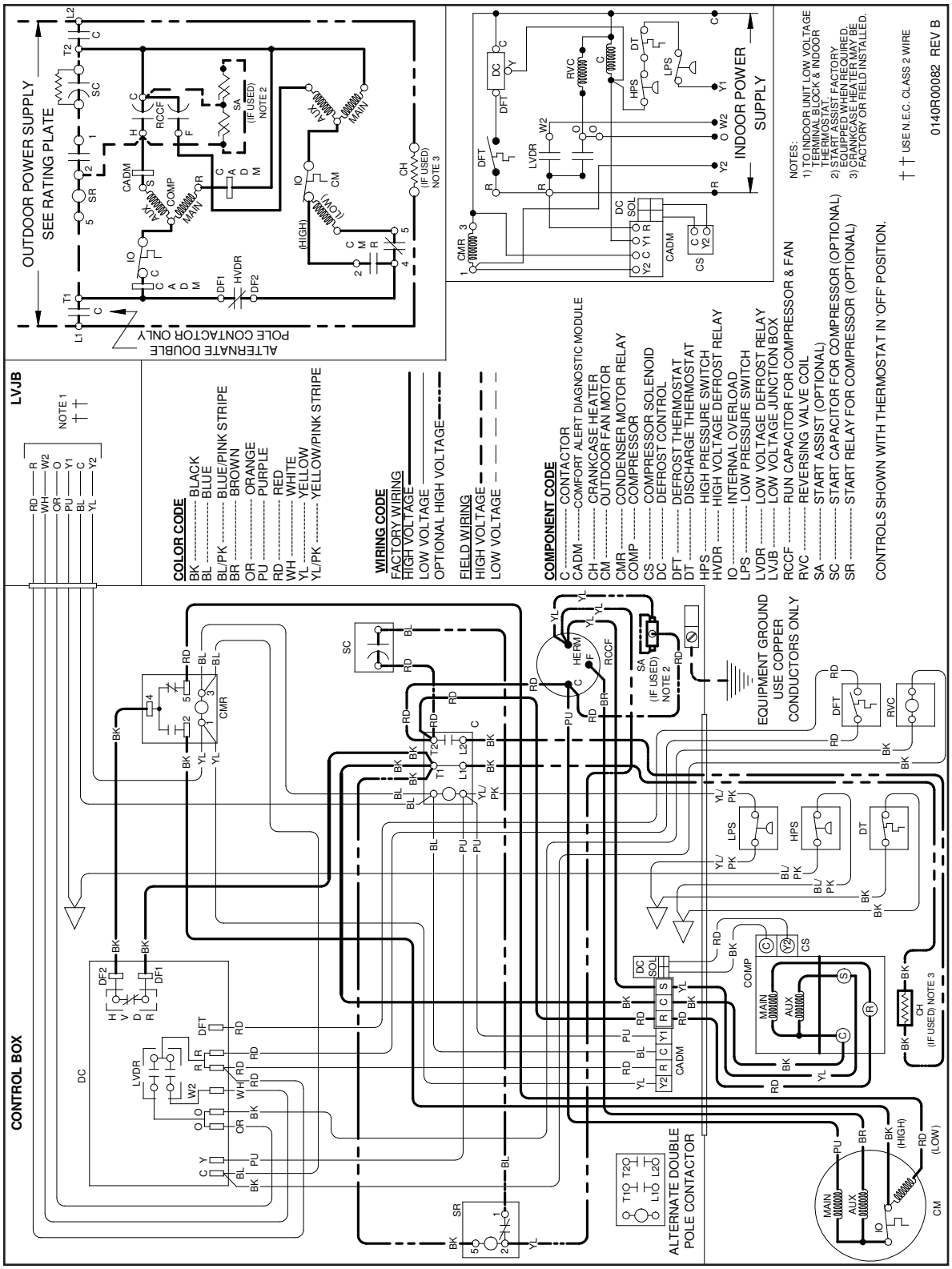
- Always check the S&R plate for electrical data on the unit being installed.
- When matching the outdoor unit to the indoor unit, use the piston supplied with the outdoor unit or that specified on the piston kit chart supplied with the indoor unit.
- EEP - Order from Service Dept. Part No. B13707-38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

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

DSZ16 WIRING DIAGRAM



WARNING

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

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

ACCESSORIES

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

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