



# DZ13S COMMERCIAL

3 - 5 TON, THREE-PHASE  
SPLIT SYSTEM HEAT PUMP  
13 SEER / R-410A

Cooling Capacity: 35,000 to 57,000 BTU/h  
Heating Capacity: 34,000 to 58,000 BTU/h



### ■ Contents

Nomenclature.....	2
Product Specifications .....	3
Expanded Cooling Data.....	4
Expanded Heating Data .....	14
AHRI Ratings .....	15
Dimensions .....	17
Wiring Diagram.....	18
Accessories .....	19

### ■ Standard Features

- R-410A chlorine-free refrigerant
- Energy-efficient scroll compressor
- Low-pressure switch
- Liquid refrigerant return protection
- Factory-installed, bi-flow liquid-line filter drier
- Service valves with sweat connections and easy-access gauge ports
- Copper tube/enhanced aluminum fin coil
- Reliable time-initiated, temperature-terminated defrost control
- Contactor with lug connection
- Ground lug connection
- Units meet the performance outlined in Table 6.8.1B of ASHRAE Standard 90.1-2010
- AHRI Certified; ETL Listed

### ■ Cabinet Features

- Innovative sound control top design
- Steel louver coil guard
- Heavy-gauge galvanized-steel cabinet
- Attractive Nickel Gray powder-paint finish
- Top and side maintenance access
- Service ports and controls are accessible while unit is operating
- When properly anchored, meets the 2010 Florida Building Code unit integrity requirements for hurricane-type winds (Anchor bracket kits available.)



\* Complete warranty details available from your local distributor or manufacturer's representative or at [www.daikincomfort.com](http://www.daikincomfort.com).

	D	Z	13	S	A	036	3	A	A	
	1	2	3,4	5	6	7,8,9	10	11	12	
<b>Brand</b> D - Daikin										Engineering Minor revision
<b>Type</b> X - AC R-410A Z - HP R-410A										Engineering Major revision
<b>SEER</b> 13 - 13 SEER 14 - 14 SEER										Voltage 3 - 208/230 V Three-Phase 60 Hz 4 - 460 V Three-Phase 60 Hz
<b>Compressor</b> S - Single Stage T - Two Stage										Tonnage Nominal 018 - 1½ tons    042 - 3½ tons 024 - 2 tons     048 - 4 tons 030 - 2½ tons    060 - 5 tons 036 - 3 tons
<b>Feature Set</b> A - Base										

	DZ13SA 0363A*	DZ13SA 0483A*	DZ13SA 0484A*	DZ13SA 0603A*	DZ13SA 0604A*
<b>NOMINAL CAPACITIES</b>					
Cooling (BTU/h)	35,000	46,000	46,000	57,000	57,000
Heating (BTU/h)	34,000	44,000	44,000	58,000	58,000
Decibels	74	76	76	75	75
<b>COMPRESSOR</b>					
RLA	10.4	13.1	6.1	16.0	7.8
LRA	73.0	83.1	41.0	110.0	52.0
Type	Scroll	Scroll	Scroll	Scroll	Scroll
<b>CONDENSER FAN MOTOR</b>					
Horsepower	1/4	1/4	1/4	1/4	1/4
FLA	1.2	1.2	0.80	1.30	0.80
<b>REFRIGERATION SYSTEM</b>					
Refrigerant Line Size					
Liquid Line Size ("O.D.)	3/8"	3/8"	3/8"	3/8"	3/8"
Suction Line Size ("O.D.)	7/8"	1 1/8"	1 1/8"	1 1/8"	1 1/8"
Refrigerant Connection Size					
Liquid Valve Size ("O.D.)	3/8"	3/8"	3/8"	3/8"	3/8"
Suction Valve Size ("O.D.) <sup>3 4</sup>	3/4"	7/8"	7/8"	7/8"	7/8"
Valve Connection Type	Sweat	Sweat	Sweat	Sweat	Sweat
Refrigerant Charge	171	204	204	231	231
Shipped with Orifice Size	0.068	0.078	0.078	0.088	0.088
<b>ELECTRICAL DATA</b>					
Volts / Hz / Phase	208/230-60-3	208/230-60-3	460-60-3	208/230-60-3	460-60-3
Min. Circuit Ampacity <sup>1</sup>	14.2	17.6	8.4	21.3	10.6
Max. Overcurrent Device <sup>2</sup>	20	30	15	35	15
Min / Max Volts	197/253	197/253	414/506	197/253	414/506
Electrical Conduit Size	1/2" or 3/4"	1/2" or 3/4"	1/2" or 3/4"	1/2" or 3/4"	1/2" or 3/4"
<b>SHIP WEIGHT (LBS)</b>					
	232	235	234	262	261

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

<sup>2</sup> Must use time-delay fuses or HACR-type circuit breakers of the same size as noted.

<sup>3</sup> Installer will need to supply 3/4" to 7/8" adapters for suction line connections.

<sup>4</sup> Installer will need to supply 7/8" to 1 1/8" adapters for suction line connections.

**NOTES**

- Always check the S&R plate for electrical data on the unit being installed.
- Unit is charged with refrigerant for 15' of 3/8" liquid line. System charge must be adjusted per Installation Instructions Final Charge Procedure.

IDB		OUTDOOR AMBIENT TEMPERATURE																							
		65				75				85				95				105				115			
		ENTERING INDOOR WET BULB TEMPERATURE																							
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
<b>70</b>	Net Cap	32.3	33.5	36.7	-	31.5	32.7	35.8	-	30.8	31.9	35.0	-	30.0	31.1	34.1	-	28.5	29.6	32.4	-	26.4	27.4	30.0	-
	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	21	18	14	-	21	18	14	-	21	18	14	-	21	18	14	-	21	18	14	-	19	17	13	-
	kW	2.39	2.44	2.51	-	2.57	2.62	2.70	-	2.72	2.78	2.87	-	2.86	2.92	3.01	-	2.98	3.04	3.14	-	3.08	3.14	3.24	-
	Amps	9.2	9.4	9.7	-	9.9	10.2	10.5	-	10.8	11.0	11.4	-	11.5	11.8	12.2	-	12.3	12.6	13.0	-	13.0	13.3	13.8	-
	HI PR	227	245	258	-	255	275	290	-	290	312	330	-	330	356	375	-	372	400	422	-	411	442	467	-
	LO PR	103	109	119	-	109	115	126	-	113	120	131	-	118	126	138	-	124	132	144	-	128	137	149	-
	Net Cap	32.0	33.1	36.3	-	31.2	32.4	35.5	-	30.5	31.6	34.6	-	29.7	30.8	33.8	-	28.2	29.3	32.1	-	26.2	27.1	29.7	-
	S/T	0.72	0.60	0.42	-	0.74	0.62	0.43	-	0.76	0.64	0.44	-	0.79	0.66	0.46	-	0.82	0.68	0.47	-	0.82	0.69	0.48	-
	ΔT	21	18	14	-	21	19	14	-	21	19	14	-	22	19	14	-	21	18	14	-	20	17	13	-
kW	2.38	2.43	2.51	-	2.56	2.61	2.69	-	2.71	2.77	2.86	-	2.85	2.91	3.00	-	2.97	3.03	3.13	-	3.07	3.13	3.24	-	
Amps	9.2	9.4	9.7	-	9.9	10.1	10.5	-	10.8	11.0	11.4	-	11.5	11.8	12.2	-	12.2	12.5	13.0	-	13.0	13.3	13.7	-	
HI PR	227	244	258	-	254	274	289	-	289	311	329	-	329	355	374	-	371	399	421	-	409	441	465	-	
LO PR	102	109	119	-	108	115	126	-	112	120	131	-	118	126	137	-	124	132	144	-	128	136	149	-	
Net Cap	33.1	34.3	37.6	-	32.3	33.5	36.7	-	31.5	32.7	35.8	-	30.8	31.9	34.9	-	29.2	30.3	33.2	-	27.1	28.1	30.8	-	
S/T	0.76	0.64	0.44	-	0.79	0.66	0.46	-	0.81	0.68	0.47	-	0.84	0.70	0.48	-	0.87	0.73	0.50	-	0.88	0.73	0.51	-	
ΔT	17	15	11	-	17	15	11	-	17	15	11	-	18	15	12	-	17	15	11	-	16	14	11	-	
kW	2.42	2.47	2.54	-	2.60	2.65	2.74	-	2.76	2.82	2.90	-	2.90	2.96	3.05	-	3.02	3.08	3.18	-	3.12	3.19	3.29	-	
Amps	9.3	9.6	9.9	-	10.1	10.3	10.7	-	11.0	11.2	11.6	-	11.7	12.0	12.4	-	12.5	12.8	13.2	-	13.2	13.5	14.0	-	
HI PR	231	249	263	-	259	279	295	-	295	317	335	-	336	362	382	-	378	407	430	-	418	449	475	-	
LO PR	104	111	121	-	110	117	128	-	115	122	133	-	120	128	140	-	126	134	147	-	131	139	152	-	
<b>75</b>	Net Cap	32.8	33.8	36.6	39.3	32.1	33.0	35.7	38.4	31.3	32.2	34.9	37.4	30.5	31.4	34.0	36.5	29.0	29.9	32.3	34.7	26.9	27.7	30.0	32.1
	S/T	0.83	0.74	0.56	0.36	0.86	0.77	0.58	0.38	0.89	0.79	0.60	0.39	0.91	0.82	0.62	0.40	0.95	0.85	0.64	0.41	0.96	0.86	0.65	0.42
	ΔT	24	22	18	12	24	22	18	13	24	22	18	13	24	22	18	13	24	22	18	13	23	21	17	12
	kW	2.41	2.46	2.53	2.61	2.59	2.64	2.72	2.81	2.74	2.80	2.89	2.98	2.88	2.94	3.04	3.14	3.00	3.06	3.16	3.27	3.10	3.17	3.27	3.38
	Amps	9.3	9.5	9.8	10.2	10.0	10.3	10.6	11.0	10.9	11.2	11.5	12.0	11.6	11.9	12.3	12.8	12.4	12.7	13.1	13.6	13.1	13.4	13.9	14.4
	HI PR	230	247	261	272	258	277	293	305	293	315	333	347	334	359	379	396	376	404	427	445	415	446	471	492
	LO PR	104	110	121	128	110	117	127	136	114	121	132	141	120	127	139	148	125	133	146	155	130	138	151	160
	Net Cap	32.5	33.5	36.2	38.9	31.8	32.7	35.4	38.0	31.0	31.9	34.5	37.1	30.2	31.1	33.7	36.2	28.7	29.6	32.0	34.4	26.6	27.4	29.7	31.8
	S/T	0.82	0.73	0.55	0.36	0.85	0.76	0.57	0.37	0.87	0.78	0.59	0.38	0.90	0.80	0.61	0.39	0.93	0.83	0.63	0.40	0.94	0.84	0.63	0.41
	ΔT	24	22	18	13	25	23	19	13	25	23	19	13	25	23	19	13	25	23	19	13	23	21	17	12
kW	2.40	2.45	2.53	2.60	2.58	2.63	2.71	2.80	2.74	2.79	2.88	2.97	2.87	2.94	3.03	3.13	2.99	3.06	3.16	3.26	3.09	3.16	3.26	3.37	
Amps	9.3	9.5	9.8	10.1	10.0	10.2	10.6	11.0	10.9	11.1	11.5	11.9	11.6	11.9	12.3	12.7	12.3	12.6	13.1	13.6	13.1	13.4	13.9	14.4	
HI PR	229	246	260	271	257	276	292	305	292	314	332	346	333	358	378	394	374	403	425	444	414	445	470	490	
LO PR	103	110	120	128	109	116	127	135	114	121	132	141	119	127	139	148	125	133	145	155	129	138	150	160	
Net Cap	33.6	34.6	37.5	40.2	32.9	33.8	36.6	39.3	32.1	33.0	35.8	38.4	31.3	32.2	34.9	37.4	29.7	30.6	33.1	35.6	27.5	28.4	30.7	32.9	
S/T	0.87	0.78	0.59	0.38	0.90	0.80	0.61	0.39	0.92	0.83	0.62	0.40	0.95	0.85	0.64	0.41	0.99	0.88	0.67	0.43	1.00	0.89	0.67	0.43	
ΔT	20	18	15	10	20	19	15	10	20	19	15	10	20	19	15	11	20	18	15	10	19	17	14	10	
kW	2.44	2.49	2.56	2.64	2.62	2.67	2.76	2.85	2.78	2.84	2.93	3.02	2.92	2.98	3.08	3.18	3.04	3.11	3.21	3.31	3.14	3.21	3.32	3.43	
Amps	9.4	9.6	10.0	10.3	10.2	10.4	10.8	11.2	11.1	11.3	11.7	12.1	11.8	12.1	12.5	13.0	12.6	12.9	13.3	13.8	13.3	13.7	14.1	14.6	
HI PR	234	251	265	277	262	282	298	311	298	321	339	353	339	365	386	402	382	411	434	453	422	454	479	500	
LO PR	106	112	123	131	111	119	129	138	116	123	135	143	122	129	141	151	128	136	148	158	132	140	153	163	

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

EXPANDED COOLING DATA — DZ13SA0363A\*/ARUF42C14A\*(CONT.)

IDB	AIRFLOW	OUTDOOR AMBIENT TEMPERATURE																			
		65			75			85			95			105			115				
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
1050	Net Cap	33.4	34.1	36.5	39.0	32.6	33.4	35.6	38.1	31.9	32.6	34.8	37.2	31.1	31.8	33.9	36.3	29.5	30.2	32.2	34.5
	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	1.00	0.98	0.79	0.59
	ΔT	27	26	22	18	27	26	23	18	27	26	23	18	27	26	23	18	26	26	22	18
	kW	2.43	2.48	2.55	2.63	2.61	2.66	2.74	2.83	2.76	2.82	2.91	3.01	2.91	2.97	3.06	3.16	3.02	3.09	3.19	3.29
	Amps	9.4	9.6	9.9	10.3	10.1	10.4	10.7	11.1	11.0	11.3	11.6	12.1	11.7	12.0	12.4	12.9	12.5	12.8	13.2	13.7
	HI PR	232	250	264	275	260	280	296	309	296	319	336	351	337	363	383	400	379	408	431	450
LO PR	105	112	122	130	111	118	129	137	115	122	134	142	121	129	140	150	127	135	147	157	
80	Net Cap	33.1	33.8	36.1	38.6	32.3	33.0	35.3	37.7	31.5	32.2	34.4	36.8	30.8	31.4	33.6	35.9	29.2	29.9	31.9	34.1
	S/T	0.90	0.84	0.68	0.51	0.93	0.87	0.71	0.53	0.95	0.89	0.73	0.54	0.98	0.92	0.75	0.56	1.00	0.96	0.78	0.58
	ΔT	27	26	23	18	28	26	23	18	28	26	23	18	28	27	23	19	27	26	23	18
	kW	2.42	2.47	2.55	2.62	2.60	2.65	2.74	2.82	2.76	2.82	2.91	3.00	2.90	2.96	3.05	3.15	3.02	3.08	3.18	3.29
	Amps	9.3	9.6	9.9	10.2	10.1	10.3	10.7	11.1	11.0	11.2	11.6	12.0	11.7	12.0	12.4	12.9	12.5	12.8	13.2	13.7
	HI PR	231	249	263	274	260	279	295	308	295	318	335	350	336	362	382	398	378	407	430	448
LO PR	105	111	121	129	110	117	128	137	115	122	133	142	121	128	140	149	126	134	147	156	
1350	Net Cap	34.2	35.0	37.4	40.0	33.4	34.2	36.5	39.0	32.7	33.4	35.6	38.1	31.9	32.6	34.8	37.2	30.3	30.9	33.0	35.3
	S/T	0.95	0.89	0.73	0.54	1.00	0.93	0.75	0.56	1.00	0.95	0.77	0.58	1.00	1.00	0.80	0.60	1.00	1.00	0.83	0.62
	ΔT	22	21	18	15	23	22	19	15	22	22	19	15	22	22	19	15	21	21	19	15
	kW	2.46	2.51	2.58	2.67	2.64	2.70	2.78	2.87	2.80	2.86	2.95	3.05	2.94	3.01	3.10	3.21	3.07	3.13	3.23	3.34
	Amps	9.5	9.7	10.0	10.4	10.3	10.5	10.9	11.3	11.2	11.4	11.8	12.3	11.9	12.2	12.6	13.1	12.7	13.0	13.4	14.0
	HI PR	236	254	268	280	265	285	301	314	301	324	342	357	343	369	390	406	386	415	438	457
LO PR	107	113	124	132	113	120	131	139	117	125	136	145	123	131	143	152	129	137	150	159	
1050	Net Cap	34.0	34.7	36.3	38.7	33.2	33.9	35.5	37.8	32.4	33.0	34.6	36.9	31.6	32.2	33.8	36.0	30.0	30.6	32.1	34.2
	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
	ΔT	29	28	27	23	29	28	27	23	28	28	27	23	28	28	27	23	26	27	27	23
	kW	2.44	2.49	2.57	2.65	2.63	2.68	2.76	2.85	2.79	2.85	2.94	3.03	2.93	2.99	3.09	3.19	3.05	3.11	3.22	3.32
	Amps	9.4	9.7	10.0	10.4	10.2	10.5	10.8	11.2	11.1	11.4	11.7	12.2	11.9	12.1	12.5	13.0	12.6	12.9	13.4	13.9
	HI PR	234	252	266	278	263	283	299	312	299	322	340	354	341	366	387	404	383	412	435	454
LO PR	106	113	123	131	112	119	130	138	116	124	135	144	122	130	142	151	128	136	149	158	
85	Net Cap	33.7	34.3	35.9	38.3	32.9	33.5	35.1	37.5	32.1	32.7	34.3	36.6	31.3	31.9	33.4	35.7	29.7	30.3	31.8	33.9
	S/T	0.94	0.91	0.82	0.66	0.97	0.94	0.85	0.69	1.00	0.96	0.87	0.71	1.00	0.99	0.90	0.73	1.00	1.00	0.93	0.76
	ΔT	29	29	27	23	29	29	27	24	29	29	27	24	29	29	28	24	27	28	27	24
	kW	2.44	2.49	2.56	2.64	2.62	2.68	2.76	2.85	2.78	2.84	2.93	3.02	2.92	2.98	3.08	3.18	3.04	3.11	3.21	3.31
	Amps	9.4	9.6	10.0	10.3	10.2	10.4	10.8	11.2	11.1	11.3	11.7	12.1	11.8	12.1	12.5	13.0	12.6	12.9	13.3	13.8
	HI PR	234	251	265	277	262	282	298	311	298	321	339	353	340	365	386	402	382	411	434	453
LO PR	106	112	123	131	112	119	130	138	116	123	135	143	122	130	141	151	128	136	148	158	
1350	Net Cap	34.8	35.5	37.2	39.7	34.0	34.7	36.3	38.8	33.2	33.9	35.5	37.8	32.4	33.0	34.6	36.9	30.8	31.4	32.9	35.1
	S/T	1.00	0.96	0.87	0.71	1.00	1.00	0.90	0.73	1.00	1.00	0.92	0.75	1.00	1.00	0.95	0.77	1.00	1.00	0.99	0.80
	ΔT	24	23	22	19	23	24	22	19	23	23	24	22	22	22	22	19	21	21	22	19
	kW	2.48	2.53	2.60	2.69	2.66	2.72	2.80	2.89	2.82	2.88	2.98	3.07	2.97	3.03	3.13	3.23	3.09	3.16	3.26	3.37
	Amps	9.6	9.8	10.1	10.5	10.4	10.6	11.0	11.4	11.3	11.5	11.9	12.4	12.0	12.3	12.7	13.2	12.8	13.1	13.6	14.1
	HI PR	238	256	271	282	267	288	304	317	304	327	346	360	346	373	394	410	390	419	443	462
LO PR	108	115	125	133	114	121	132	141	118	126	137	146	124	132	144	154	130	138	151	161	

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

IDB	AIRFLOW	OUTDOOR AMBIENT TEMPERATURE																							
		65				75				85				95				105				115			
		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	Net Cap	42.4	43.9	48.1	-	41.4	42.9	47.0	-	40.4	41.9	45.9	-	39.4	40.9	44.8	-	37.5	38.8	42.5	-	34.7	36.0	39.4	-
	S/T	0.69	0.58	0.40	-	0.72	0.60	0.42	-	0.74	0.61	0.43	-	0.76	0.63	0.44	-	0.79	0.66	0.46	-	0.79	0.66	0.46	-
	ΔT	19	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	19	17	13	-	18	16	12	-
	kW	3.20	3.26	3.36	-	3.42	3.49	3.59	-	3.62	3.69	3.80	-	3.79	3.87	3.99	-	3.94	4.02	4.14	-	4.07	4.15	4.28	-
	Amps	11.7	11.9	12.3	-	12.6	12.9	13.3	-	13.7	14.0	14.5	-	14.6	15.0	15.4	-	15.5	15.9	16.4	-	16.4	16.8	17.4	-
	HI PR	227	245	258	-	255	274	290	-	290	312	330	-	330	355	375	-	372	400	422	-	411	442	466	-
	LO PR	104	111	121	-	110	117	128	-	114	121	133	-	120	128	139	-	126	134	146	-	130	138	151	-
	Net Cap	42.8	44.4	48.6	-	41.8	43.3	47.5	-	40.8	42.3	46.4	-	39.8	41.3	45.2	-	37.8	39.2	43.0	-	35.0	36.3	39.8	-
	S/T	0.70	0.58	0.40	-	0.72	0.61	0.42	-	0.74	0.62	0.43	-	0.77	0.64	0.44	-	0.80	0.66	0.46	-	0.80	0.67	0.46	-
	ΔT	19	16	12	-	19	17	13	-	19	17	13	-	19	17	13	-	19	17	13	-	18	15	12	-
kW	3.23	3.29	3.39	-	3.46	3.53	3.63	-	3.66	3.73	3.84	-	3.83	3.91	4.03	-	3.98	4.06	4.19	-	4.11	4.19	4.32	-	
Amps	11.8	12.1	12.5	-	12.7	13.0	13.5	-	13.8	14.2	14.6	-	14.8	15.1	15.6	-	15.7	16.1	16.6	-	16.6	17.1	17.6	-	
HI PR	230	248	262	-	258	278	294	-	294	316	334	-	335	360	380	-	376	405	428	-	416	448	473	-	
LO PR	105	112	122	-	111	118	129	-	116	123	134	-	122	129	141	-	127	135	148	-	132	140	153	-	
Net Cap	44.3	45.9	50.3	-	43.3	44.9	49.1	-	42.2	43.8	48.0	-	41.2	42.7	46.8	-	39.2	40.6	44.5	-	36.3	37.6	41.2	-	
S/T	0.74	0.62	0.43	-	0.77	0.64	0.45	-	0.79	0.66	0.46	-	0.82	0.68	0.47	-	0.85	0.71	0.49	-	0.85	0.71	0.49	-	
ΔT	17	15	11	-	17	15	11	-	17	15	11	-	17	15	11	-	17	15	11	-	16	14	10	-	
kW	3.28	3.34	3.44	-	3.51	3.58	3.68	-	3.71	3.79	3.90	-	3.89	3.97	4.09	-	4.04	4.12	4.25	-	4.17	4.26	4.39	-	
Amps	12.0	12.3	12.7	-	13.0	13.3	13.7	-	14.1	14.4	14.9	-	15.0	15.4	15.9	-	16.0	16.4	16.9	-	17.0	17.4	18.0	-	
HI PR	235	253	267	-	263	284	299	-	300	322	341	-	341	367	388	-	384	413	436	-	424	457	482	-	
LO PR	107	114	125	-	114	121	132	-	118	126	137	-	124	132	144	-	130	138	151	-	134	143	156	-	

IDB	AIRFLOW	OUTDOOR AMBIENT TEMPERATURE																							
		65				75				85				95				105				115			
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
75	Net Cap	43.1	44.4	48.0	51.6	42.1	43.3	46.9	50.4	41.1	42.3	45.8	49.2	40.1	41.3	44.7	48.0	38.1	39.2	42.4	45.6	35.3	36.3	39.3	42.2
	S/T	0.79	0.70	0.53	0.34	0.82	0.73	0.55	0.36	0.84	0.75	0.57	0.36	0.86	0.77	0.58	0.38	0.90	0.80	0.61	0.39	0.90	0.81	0.61	0.39
	ΔT	22	21	17	12	23	21	17	12	23	21	17	12	22	21	17	12	22	21	17	12	21	19	16	11
	kW	3.23	3.29	3.38	3.48	3.45	3.52	3.62	3.73	3.65	3.72	3.83	3.95	3.82	3.90	4.02	4.14	3.97	4.05	4.18	4.31	4.10	4.18	4.31	4.45
	Amps	11.8	12.0	12.4	12.9	12.7	13.0	13.4	13.9	13.8	14.1	14.6	15.1	14.7	15.1	15.6	16.2	15.7	16.1	16.6	17.2	16.6	17.0	17.6	18.2
	HI PR	230	247	261	272	258	277	293	305	293	315	333	347	334	359	379	395	375	404	427	445	415	446	471	492
	LO PR	105	112	122	130	111	118	129	137	115	123	134	143	121	129	141	150	127	135	147	157	131	140	153	162
	Net Cap	43.5	44.8	48.5	52.1	42.5	43.8	47.4	50.9	41.5	42.7	46.3	49.7	40.5	41.7	45.1	48.4	38.5	39.6	42.9	46.0	35.6	36.7	39.7	42.6
	S/T	0.79	0.71	0.54	0.35	0.82	0.74	0.56	0.36	0.84	0.76	0.57	0.37	0.87	0.78	0.59	0.38	0.90	0.81	0.61	0.39	0.91	0.82	0.62	0.40
	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	3.26	3.32	3.41	3.51	3.48	3.55	3.66	3.77	3.68	3.76	3.87	3.99	3.86	3.94	4.06	4.19	4.01	4.09	4.22	4.35	4.14	4.23	4.36	4.50	
Amps	11.9	12.2	12.6	13.0	12.9	13.2	13.6	14.1	14.0	14.3	14.8	15.3	14.9	15.3	15.8	16.4	15.9	16.3	16.8	17.4	16.8	17.2	17.8	18.5	
HI PR	233	250	264	276	261	281	297	309	297	319	337	352	338	364	384	401	380	409	432	451	420	452	477	498	
LO PR	106	113	124	132	112	120	131	139	117	124	136	145	123	131	143	152	129	137	149	159	133	142	155	165	
Net Cap	45.1	46.4	50.2	53.9	44.0	45.3	49.1	52.6	43.0	44.2	47.9	51.4	41.9	43.2	46.7	50.1	39.8	41.0	44.4	47.6	36.9	38.0	41.1	44.1	
S/T	0.84	0.76	0.57	0.37	0.88	0.78	0.59	0.38	0.90	0.80	0.61	0.39	0.93	0.83	0.63	0.40	0.96	0.86	0.65	0.42	0.97	0.87	0.66	0.42	
ΔT	19	18	15	10	20	18	15	10	20	18	15	10	20	18	15	10	20	18	15	10	18	17	14	10	
kW	3.30	3.37	3.46	3.57	3.53	3.60	3.71	3.82	3.74	3.81	3.93	4.05	3.92	4.00	4.12	4.25	4.07	4.16	4.29	4.42	4.21	4.29	4.43	4.57	
Amps	12.1	12.4	12.8	13.3	13.1	13.4	13.8	14.4	14.2	14.6	15.0	15.6	15.2	15.6	16.1	16.7	16.2	16.6	17.1	17.8	17.1	17.5	18.1	18.8	
HI PR	237	255	270	281	266	286	302	315	303	326	344	359	345	371	392	409	388	417	441	460	429	461	487	508	
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	

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

IDB	OUTDOOR AMBIENT TEMPERATURE												ENTERING INDOOR WET BULB TEMPERATURE												
	65				75				85				95				105				115				
	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	
1400	Net Cap	43.9	44.8	47.9	51.2	42.8	43.8	46.8	50.0	41.8	42.7	45.7	48.8	40.8	41.7	44.6	47.6	38.8	39.6	42.3	45.2	35.9	36.7	39.2	41.9
	S/T	0.86	0.81	0.66	0.49	0.89	0.84	0.68	0.51	0.92	0.86	0.70	0.52	0.95	0.89	0.72	0.54	0.98	0.92	0.75	0.56	0.99	0.93	0.76	0.57
	ΔT	25	24	21	17	25	24	21	17	25	24	21	17	25	24	21	17	25	24	21	17	23	22	19	16
	kW	3.25	3.31	3.41	3.51	3.48	3.54	3.65	3.76	3.68	3.75	3.86	3.98	3.85	3.93	4.05	4.18	4.00	4.08	4.21	4.34	4.13	4.22	4.35	4.49
	Amps	11.9	12.2	12.5	13.0	12.8	13.1	13.6	14.1	13.9	14.3	14.7	15.3	14.9	15.2	15.7	16.3	15.8	16.2	16.7	17.4	16.8	17.2	17.7	18.4
80	Net Cap	44.3	45.3	48.4	51.7	43.3	44.2	47.3	50.5	42.3	43.2	46.1	49.3	41.2	42.1	45.0	48.1	39.2	40.0	42.8	45.7	36.3	37.1	39.6	42.3
	S/T	0.87	0.82	0.67	0.50	0.90	0.85	0.69	0.52	0.93	0.87	0.71	0.53	0.96	0.90	0.73	0.55	0.99	0.93	0.76	0.57	1.00	0.94	0.76	0.57
	ΔT	24	23	20	16	25	24	21	17	25	24	21	17	25	24	21	17	25	24	21	16	23	22	19	15
	kW	3.28	3.34	3.44	3.54	3.51	3.58	3.68	3.79	3.71	3.79	3.90	4.02	3.89	3.97	4.09	4.22	4.04	4.13	4.25	4.39	4.17	4.26	4.39	4.53
	Amps	12.0	12.3	12.7	13.2	13.0	13.3	13.7	14.2	14.1	14.4	14.9	15.5	15.0	15.4	15.9	16.5	16.0	16.4	16.9	17.6	17.0	17.4	18.0	18.6
1800	Net Cap	45.9	46.9	50.1	53.5	44.8	45.8	48.9	52.3	43.7	44.7	47.7	51.0	42.7	43.6	46.6	49.8	40.5	41.4	44.2	47.3	37.5	38.4	41.0	43.8
	S/T	0.93	0.87	0.71	0.53	0.96	0.90	0.73	0.55	1.00	0.92	0.75	0.56	1.00	0.95	0.78	0.58	1.00	1.00	0.81	0.60	1.00	1.00	0.81	0.61
	ΔT	22	21	18	14	22	21	18	15	22	21	18	15	22	21	18	15	21	21	18	15	19	20	17	14
	kW	3.33	3.39	3.49	3.59	3.56	3.63	3.74	3.85	3.77	3.84	3.96	4.08	3.95	4.03	4.15	4.28	4.11	4.19	4.32	4.46	4.24	4.33	4.46	4.60
	Amps	12.2	12.5	12.9	13.4	13.2	13.5	14.0	14.5	14.3	14.7	15.2	15.7	15.3	15.7	16.2	16.8	16.3	16.7	17.3	17.9	17.3	17.7	18.3	19.0

IDB	OUTDOOR AMBIENT TEMPERATURE												ENTERING INDOOR WET BULB TEMPERATURE												
	65				75				85				95				105				115				
	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	
1400	Net Cap	44.6	45.5	47.7	50.8	43.6	44.4	46.5	49.7	42.6	43.4	45.4	48.5	41.5	42.3	44.3	47.3	39.4	40.2	42.1	44.9	36.5	37.2	39.0	41.6
	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	27	26	25	21	27	26	25	22	27	26	25	22	27	26	25	22	26	26	25	21	24	24	23	20
	kW	3.27	3.34	3.43	3.53	3.50	3.57	3.68	3.79	3.70	3.78	3.89	4.01	3.88	3.96	4.08	4.21	4.03	4.12	4.24	4.38	4.16	4.25	4.38	4.52
	Amps	12.0	12.3	12.7	13.1	12.9	13.2	13.7	14.2	14.0	14.4	14.9	15.4	15.0	15.4	15.9	16.5	16.0	16.4	16.9	17.5	16.9	17.3	17.9	18.6
85	Net Cap	45.1	46.0	48.1	51.4	44.0	44.9	47.0	50.2	43.0	43.8	45.9	49.0	41.9	42.8	44.8	47.8	39.8	40.6	42.5	45.4	36.9	37.6	39.4	42.0
	S/T	0.91	0.88	0.80	0.65	0.95	0.91	0.82	0.67	0.97	0.94	0.85	0.69	1.00	0.97	0.87	0.71	1.00	1.00	0.91	0.74	1.00	1.00	0.91	0.74
	ΔT	26	26	24	21	26	26	25	21	26	26	25	21	27	26	25	21	25	26	24	21	23	24	23	20
	kW	3.30	3.37	3.46	3.57	3.54	3.61	3.71	3.82	3.74	3.82	3.93	4.05	3.92	4.00	4.12	4.25	4.07	4.16	4.29	4.42	4.21	4.29	4.43	4.57
	Amps	12.1	12.4	12.8	13.3	13.1	13.4	13.8	14.4	14.2	14.6	15.0	15.6	15.2	15.6	16.1	16.7	16.2	16.6	17.1	17.8	17.1	17.5	18.1	18.8

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









EXPANDED COOLING DATA — DZ13SA0603A\* / ARUF60D14A\*+TXV (CONT.)

		OUTDOOR AMBIENT TEMPERATURE																											
		65					75					85					95					105					115		
IDB	AIRFLOW	59	63	67	71	75	59	63	67	71	75	59	63	67	71	75	59	63	67	71	75	59	63	67	71	75			
<b>1750</b>	Net Cap	54.1	55.3	59.1	63.1	68.8	54.1	55.3	59.1	63.1	68.8	54.1	55.3	59.1	63.1	68.8	54.1	55.3	59.1	63.1	68.8	54.1	55.3	59.1	63.1	68.8			
	S/T	0.92	0.86	0.70	0.53	0.53	0.92	0.86	0.70	0.53	0.53	0.92	0.86	0.70	0.53	0.53	0.92	0.86	0.70	0.53	0.53	0.92	0.86	0.70	0.53	0.53			
	ΔT	26	25	22	17	27	26	25	22	18	27	26	25	22	18	27	26	25	22	18	27	26	25	22	18	27			
	kW	3.99	4.07	4.19	4.31	4.36	4.28	4.36	4.49	4.63	4.63	4.53	4.62	4.76	4.91	4.85	4.75	4.84	4.99	5.15	5.15	4.93	5.04	5.19	5.36	5.36			
	Amps	14.5	14.8	15.3	15.9	16.6	15.7	16.1	16.6	17.2	17.2	17.1	17.5	18.1	18.7	18.2	18.7	19.3	20.1	20.1	20.1	19.4	19.9	20.6	21.4	22.7			
	HI PR	233	251	265	276	281	262	281	297	310	310	297	320	338	353	339	365	385	401	401	401	381	410	433	452	479			
	LO PR	100	107	116	124	124	106	113	123	131	131	110	117	128	136	116	123	134	143	143	143	121	129	141	150	155			
<b>80</b>	Net Cap	54.7	55.8	59.7	63.8	68.8	53.4	54.5	58.3	62.3	68.5	52.1	53.2	56.9	60.8	68.5	50.8	51.9	55.5	59.3	64.4	48.3	49.4	52.7	56.4	52.2			
	S/T	0.93	0.87	0.71	0.53	0.53	0.97	0.91	0.74	0.55	0.55	0.99	0.93	0.76	0.56	0.56	1.00	0.96	0.78	0.58	0.58	1.00	0.99	0.81	0.61				
	ΔT	26	25	22	17	27	26	25	22	18	27	26	25	22	18	27	26	25	22	18	27	26	25	22	17	23			
	kW	4.03	4.11	4.23	4.36	4.36	4.32	4.41	4.54	4.68	4.68	4.57	4.67	4.81	4.96	4.85	4.80	4.89	5.05	5.20	5.20	4.99	5.09	5.25	5.42	5.60			
	Amps	14.7	15.0	15.5	16.1	16.8	15.9	16.3	16.8	17.4	17.4	17.3	17.7	18.3	19.0	18.5	18.9	19.6	20.3	20.3	20.3	19.7	20.1	20.8	21.6	22.9			
	HI PR	236	254	268	280	285	265	285	301	314	314	301	324	342	357	343	369	390	407	407	407	386	415	439	458	485			
	LO PR	102	108	118	126	126	107	114	125	133	133	111	119	129	138	117	125	136	145	145	145	123	131	143	152	157			
<b>2250</b>	Net Cap	56.6	57.8	61.8	66.0	66.0	55.2	56.5	60.3	64.5	64.5	53.9	55.1	58.9	62.9	62.9	52.6	53.8	57.4	61.4	61.4	50.0	51.1	54.6	58.3	54.0			
	S/T	1.00	0.93	0.76	0.56	0.56	1.00	0.96	0.78	0.59	0.59	1.00	1.00	0.80	0.60	0.60	1.00	1.00	0.83	0.62	0.62	1.00	1.00	0.86	0.64				
	ΔT	23	22	19	15	23	22	19	15	15	23	22	19	15	15	23	22	19	16	16	20	21	19	15	15	19			
	kW	4.09	4.17	4.29	4.42	4.42	4.38	4.47	4.61	4.75	4.75	4.64	4.74	4.88	5.03	4.87	4.97	5.12	5.29	5.29	5.06	5.17	5.33	5.50	5.50	5.69			
	Amps	14.9	15.3	15.8	16.4	16.4	16.2	16.6	17.1	17.8	17.8	17.6	18.0	18.6	19.3	18.8	19.3	19.9	20.7	20.7	20.0	20.5	21.2	22.0	22.0	23.4			
	HI PR	241	259	274	285	285	270	291	307	320	320	307	331	349	364	350	377	398	415	415	394	424	448	467	467	494			
	LO PR	104	110	120	128	128	109	116	127	135	135	114	121	132	141	119	127	139	148	148	125	133	145	155	155	160			

		OUTDOOR AMBIENT TEMPERATURE																											
		65					75					85					95					105					115		
IDB	AIRFLOW	59	63	67	71	75	59	63	67	71	75	59	63	67	71	75	59	63	67	71	75	59	63	67	71	75			
<b>1750</b>	Net Cap	55.0	56.1	58.8	62.7	62.7	53.8	54.8	57.4	61.2	61.2	52.5	53.5	56.0	59.8	59.8	51.2	52.2	54.7	58.3	58.3	48.6	49.6	51.9	55.4	51.3			
	S/T	0.97	0.93	0.84	0.68	0.68	1.00	0.97	0.87	0.71	0.71	1.00	0.99	0.89	0.73	0.73	1.00	1.00	0.92	0.75	0.75	1.00	1.00	0.96	0.78				
	ΔT	28	27	26	22	22	28	28	26	23	23	28	28	26	23	23	26	27	27	23	23	26	26	26	23	24			
	kW	4.02	4.10	4.22	4.35	4.35	4.31	4.39	4.53	4.66	4.66	4.56	4.65	4.80	4.94	4.78	4.88	5.03	5.19	5.19	4.97	5.08	5.23	5.40	5.40	5.58			
	Amps	14.6	15.0	15.5	16.1	16.1	15.8	16.2	16.7	17.4	17.4	17.2	17.6	18.2	18.9	18.4	18.9	19.5	20.2	20.2	19.6	20.1	20.8	21.6	21.6	22.9			
	HI PR	235	253	267	279	279	264	284	300	313	313	300	323	341	356	342	368	389	405	405	385	414	437	456	456	504			
	LO PR	101	108	118	125	125	107	114	124	132	132	111	118	129	137	117	124	136	144	144	122	130	142	151	151	157			
<b>85</b>	Net Cap	55.6	56.7	59.4	63.3	63.3	54.3	55.4	58.0	61.9	61.9	53.0	54.0	56.6	60.4	60.4	51.7	52.7	55.2	58.9	58.9	49.1	50.1	52.5	56.0	51.8			
	S/T	0.98	0.94	0.85	0.69	0.69	1.00	0.98	0.88	0.72	0.72	1.00	1.00	0.90	0.73	0.73	1.00	1.00	0.93	0.76	0.76	1.00	1.00	0.97	0.79				
	ΔT	28	27	26	22	22	28	28	26	23	23	27	28	26	23	23	26	27	26	23	23	25	26	26	22	23			
	kW	4.06	4.14	4.26	4.39	4.39	4.35	4.44	4.57	4.71	4.71	4.61	4.70	4.84	5.00	4.83	4.93	5.09	5.25	5.25	5.02	5.13	5.29	5.46	5.46	5.64			
	Amps	14.8	15.2	15.7	16.3	16.3	16.0	16.4	17.0	17.6	17.6	17.4	17.8	18.4	19.1	18.6	19.1	19.7	20.5	20.5	19.8	20.3	21.0	21.8	21.8	23.2			
	HI PR	238	257	271	283	283	268	288	304	317	317	304	328	346	361	347	373	394	411	411	390	420	443	462	462	511			
	LO PR	103	109	119	127	127	108	115	126	134	134	113	120	131	139	118	126	137	146	146	124	132	144	153	153	159			

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

EXPANDED COOLING DATA — DZ13SA0604A\*/ARUF60D14A\*+TXV

IDB	AIRFLOW	OUTDOOR AMBIENT TEMPERATURE																							
		65				75				85				95				105				115			
		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	Net Cap	52.3	54.2	59.4	-	51.1	52.9	58.0	-	49.8	51.7	56.6	-	48.6	50.4	55.2	-	46.2	47.9	52.5	-	42.8	44.4	48.6	-
	S/T	0.74	0.62	0.43	-	0.77	0.64	0.44	-	0.79	0.66	0.45	-	0.81	0.68	0.47	-	0.84	0.70	0.49	-	0.85	0.71	0.49	-
	ΔT	20	18	13	-	21	18	14	-	21	18	14	-	21	18	14	-	20	18	13	-	19	17	13	-
	kW	3.94	4.01	4.13	-	4.21	4.30	4.42	-	4.46	4.55	4.68	-	4.67	4.77	4.92	-	4.86	4.96	5.11	-	5.02	5.12	5.28	-
	Amps	14.2	14.6	15.1	-	15.4	15.8	16.3	-	16.7	17.1	17.7	-	17.9	18.3	19.0	-	19.1	19.5	20.2	-	20.2	20.7	21.4	-
	HI PR	228	246	260	-	256	276	291	-	291	314	331	-	332	357	377	-	373	402	424	-	413	444	469	-
	LO PR	98	104	114	-	104	110	120	-	108	115	125	-	113	120	132	-	119	126	138	-	123	131	143	-
	Net Cap	52.8	54.7	60.0	-	51.6	53.5	58.6	-	50.3	52.2	57.2	-	49.1	50.9	55.8	-	46.7	48.4	53.0	-	43.2	44.8	49.1	-
	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	20	17	13	-	20	18	13	-	20	18	13	-	21	18	14	-	20	18	13	-	19	16	12	-	
kW	3.97	4.05	4.17	-	4.25	4.34	4.47	-	4.50	4.59	4.73	-	4.72	4.82	4.97	-	4.91	5.01	5.16	-	5.07	5.17	5.34	-	
Amps	14.4	14.7	15.2	-	15.6	16.0	16.5	-	16.9	17.4	17.9	-	18.1	18.6	19.2	-	19.3	19.8	20.4	-	20.5	21.0	21.7	-	
HI PR	231	249	263	-	260	279	295	-	295	318	336	-	336	362	382	-	378	407	430	-	418	450	475	-	
LO PR	99	106	116	-	105	112	122	-	109	116	127	-	115	122	133	-	120	128	140	-	124	132	144	-	
Net Cap	54.6	56.6	62.1	-	53.4	55.3	60.6	-	52.1	54.0	59.2	-	50.8	52.7	57.7	-	48.3	50.1	54.8	-	44.7	46.4	50.8	-	
S/T	0.79	0.66	0.46	-	0.82	0.69	0.48	-	0.84	0.70	0.49	-	0.87	0.73	0.50	-	0.90	0.76	0.52	-	0.91	0.76	0.53	-	
ΔT	18	15	12	-	18	16	12	-	18	16	12	-	18	16	12	-	18	15	12	-	17	14	11	-	
kW	4.03	4.11	4.23	-	4.32	4.40	4.54	-	4.57	4.66	4.81	-	4.79	4.89	5.04	-	4.98	5.09	5.25	-	5.15	5.26	5.42	-	
Amps	14.7	15.0	15.5	-	15.9	16.2	16.8	-	17.3	17.7	18.3	-	18.5	18.9	19.5	-	19.7	20.1	20.8	-	20.8	21.4	22.1	-	
HI PR	236	254	268	-	265	285	301	-	301	324	342	-	343	369	390	-	386	415	439	-	426	459	485	-	
LO PR	101	108	118	-	107	114	125	-	111	119	129	-	117	125	136	-	123	131	142	-	127	135	147	-	
75	Net Cap	53.2	54.7	59.2	63.6	51.9	53.5	57.9	62.1	50.7	52.2	56.5	60.6	49.5	50.9	55.1	59.1	47.0	48.4	52.4	56.2	43.5	44.8	48.5	52.0
	S/T	0.84	0.75	0.57	0.37	0.87	0.78	0.59	0.38	0.89	0.80	0.60	0.39	0.92	0.82	0.62	0.40	0.96	0.86	0.65	0.42	0.97	0.86	0.65	0.42
	ΔT	23	22	18	12	24	22	18	12	24	22	18	12	24	22	18	12	24	22	18	12	22	20	17	11
	kW	3.96	4.04	4.16	4.28	4.24	4.33	4.46	4.59	4.49	4.58	4.72	4.87	4.71	4.81	4.95	5.11	4.90	5.00	5.15	5.32	5.06	5.16	5.32	5.49
	Amps	14.4	14.7	15.2	15.8	15.5	15.9	16.4	17.1	16.9	17.3	17.9	18.6	18.1	18.5	19.1	19.9	19.2	19.7	20.4	21.2	20.4	20.9	21.6	22.4
	HI PR	231	248	262	273	259	279	294	307	294	317	335	349	335	361	381	397	377	406	429	447	417	449	474	494
	LO PR	99	106	115	123	105	112	122	130	109	116	127	135	114	122	133	142	120	128	139	148	124	132	144	153
	Net Cap	53.7	55.3	59.8	64.2	52.4	54.0	58.4	62.7	51.2	52.7	57.1	61.2	50.0	51.4	55.7	59.7	47.5	48.9	52.9	56.8	44.0	45.3	49.0	52.6
	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	0.98	0.87	0.66	0.42
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	4.00	4.08	4.20	4.32	4.29	4.37	4.50	4.64	4.54	4.63	4.77	4.92	4.76	4.86	5.01	5.16	4.95	5.05	5.21	5.37	5.11	5.22	5.38	5.55	
Amps	14.5	14.9	15.4	16.0	15.7	16.1	16.6	17.3	17.1	17.5	18.1	18.8	18.3	18.7	19.4	20.1	19.5	20.0	20.6	21.4	20.6	21.2	21.9	22.7	
HI PR	234	252	266	277	262	282	298	311	298	321	339	354	340	366	386	403	382	411	434	453	422	454	480	501	
LO PR	101	107	117	124	106	113	123	131	110	117	128	137	116	123	135	143	121	129	141	150	126	134	146	155	
Net Cap	55.6	57.2	61.9	66.5	54.3	55.9	60.5	64.9	53.0	54.6	59.1	63.4	51.7	53.2	57.6	61.8	49.1	50.6	54.7	58.7	45.5	46.8	50.7	54.4	
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	21	19	16	11	21	19	16	11	21	19	16	11	20	19	16	11	19	18	15	10	
kW	4.06	4.14	4.26	4.39	4.35	4.44	4.57	4.71	4.61	4.70	4.84	4.99	4.83	4.93	5.08	5.24	5.02	5.13	5.29	5.46	5.19	5.30	5.47	5.64	
Amps	14.8	15.2	15.7	16.2	16.0	16.4	16.9	17.6	17.4	17.8	18.4	19.1	18.6	19.1	19.7	20.5	19.8	20.3	21.0	21.8	21.0	21.6	22.3	23.2	
HI PR	238	257	271	283	268	288	304	317	304	327	346	361	347	373	394	411	390	420	443	462	431	464	490	511	
LO PR	103	109	119	127	108	115	126	134	113	120	131	139	118	126	137	146	124	132	144	153	128	136	149	159	

IDB: Entering Indoor Dry Bulb Temperature  
 High and low pressures are measured at the liquid and suction service valves.

Shaded area is ACCA (TVA) conditions.

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



EXPANDED HEATING DATA

DZ13SA0363A\* / ARUF42C14A\*

	OUTDOOR AMBIENT TEMPERATURE																	
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10
MBh	42.7	40.5	38.1	35.6	34.0	32.9	30.6	28.2	25.9	23.9	22.0	20.8	20.0	18.0	15.9	13.9	11.9	9.7
T/R	39.6	37.5	35.3	33.0	31.5	30.5	28.3	26.1	24.0	22.1	20.4	19.3	18.5	16.6	14.8	12.9	11.0	9.0
kW	2.73	2.67	2.62	2.57	2.54	2.52	2.47	2.42	2.32	2.27	2.22	2.19	2.17	2.12	2.08	2.03	1.98	1.93
Amps	14.8	13.7	12.8	12.1	11.6	11.4	10.8	10.2	9.8	9.3	8.9	8.7	8.6	8.1	7.6	7.1	6.6	5.9
COP	4.08	3.93	3.76	3.58	3.45	3.37	3.18	2.99	2.85	2.68	2.51	2.40	2.33	2.13	1.93	1.72	1.50	1.25
HI PR	382	367	352	337	329	323	310	298	285	272	262	255	251	241	232	222	215	207
LO PR	127	118	111	102	96	92	85	76	68	61	54	50	48	41	35	30	26	20

DZ13SA0483A\* / ARUF48D14A\*

	OUTDOOR AMBIENT TEMPERATURE																	
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10
MBh	55.3	52.4	49.3	46.1	44.0	42.6	39.6	36.5	33.6	31.1	28.6	27.0	26.0	23.3	20.7	18.0	15.4	12.6
T/R	35.3	33.4	31.5	29.4	28.1	27.2	25.3	23.3	21.5	19.8	18.3	17.2	16.6	14.9	13.2	11.5	9.8	8.1
kW	3.32	3.26	3.21	3.15	3.12	3.09	3.04	2.98	2.73	2.67	2.62	2.59	2.57	2.52	2.47	2.42	2.37	2.32
Amps	18.1	16.8	15.7	14.8	14.3	14.0	13.2	12.5	12.0	11.5	10.9	10.7	10.5	10.0	9.3	8.8	8.1	7.3
COP	4.12	3.96	3.78	3.59	3.46	3.37	3.18	2.98	2.96	2.77	2.59	2.47	2.39	2.18	1.97	1.74	1.51	1.26
HI PR	418	401	386	369	360	353	339	326	312	298	286	279	274	264	254	243	235	226
LO PR	135	126	118	108	102	98	90	80	73	65	57	53	51	43	37	31	27	22

DZ13SA0484A\* / ARUF48D14A\*

	OUTDOOR AMBIENT TEMPERATURE																	
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10
MBh	55.3	52.4	49.3	46.1	44.0	42.6	39.6	36.5	33.6	31.1	28.6	27.0	26.0	23.3	20.7	18.0	15.4	12.6
T/R	35.3	33.4	31.5	29.4	28.1	27.2	25.3	23.3	21.5	19.8	18.3	17.2	16.6	14.9	13.2	11.5	9.8	8.1
kW	3.32	3.26	3.21	3.15	3.12	3.09	3.04	2.98	2.73	2.67	2.62	2.59	2.57	2.52	2.47	2.42	2.37	2.32
Amps	18.1	16.8	15.7	14.8	14.3	14.0	13.2	12.5	12.0	11.5	10.9	10.7	10.5	10.0	9.3	8.8	8.1	7.3
COP	4.12	3.96	3.78	3.59	3.46	3.37	3.18	2.98	2.96	2.77	2.59	2.47	2.39	2.18	1.97	1.74	1.51	1.26
HI PR	418	401	386	369	360	353	339	326	312	298	286	279	274	264	254	243	235	226
LO PR	135	126	118	108	102	98	90	80	73	65	57	53	51	43	37	31	27	22

DZ13SA0603A\* / ARUF60D14A\*+TXV

	OUTDOOR AMBIENT TEMPERATURE																	
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10
MBh	74.2	70.2	66.1	61.8	59.0	57.2	53.1	49.0	47.1	43.5	40.0	37.8	36.4	32.7	29.0	25.3	21.5	17.7
T/R	38.1	36.1	34.0	31.8	30.3	29.4	27.3	25.2	24.2	22.4	20.6	19.4	18.7	16.8	14.9	13.0	11.1	9.1
kW	4.84	4.75	4.66	4.57	4.52	4.48	4.39	4.30	3.68	3.60	3.53	3.49	3.46	3.38	3.31	3.24	3.16	3.09
Amps	26.5	24.5	22.9	21.5	20.7	20.3	19.1	18.1	17.3	16.5	15.7	15.3	15.1	14.3	13.3	12.5	11.5	10.3
COP	3.88	3.73	3.57	3.39	3.27	3.19	3.01	2.83	3.10	2.91	2.73	2.60	2.52	2.30	2.08	1.84	1.60	1.34
HI PR	500	479	461	440	430	422	405	389	373	356	342	334	328	315	303	291	280	270
LO PR	139	129	121	111	105	101	93	83	75	67	59	54	53	44	38	32	28	22

DZ13SA0604A\* / ARUF60D14A\*+TXV

	OUTDOOR AMBIENT TEMPERATURE																	
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10
MBh	74.2	70.2	66.1	61.8	59.0	57.2	53.1	49.0	47.1	43.5	40.0	37.8	36.4	32.7	29.0	25.3	21.5	17.7
T/R	38.1	36.1	34.0	31.8	30.3	29.4	27.3	25.2	24.2	22.4	20.6	19.4	18.7	16.8	14.9	13.0	11.1	9.1
kW	4.84	4.75	4.66	4.57	4.52	4.48	4.39	4.30	3.68	3.60	3.53	3.49	3.46	3.38	3.31	3.24	3.16	3.09
Amps	26.5	24.5	22.9	21.5	20.7	20.3	19.1	18.1	17.3	16.5	15.7	15.3	15.1	14.3	13.3	12.5	11.5	10.3
COP	3.88	3.73	3.57	3.39	3.27	3.19	3.01	2.83	3.10	2.91	2.73	2.60	2.52	2.30	2.08	1.84	1.60	1.34
HI PR	500	479	461	440	430	422	405	389	373	356	342	334	328	315	303	291	280	270
LO PR	139	129	121	111	105	101	93	83	75	67	59	54	53	44	38	32	28	22

T/R = Temperature Rise

High pressure (HI PR) measured at suction service valve (the larger valve);

Low pressure (LO PR) is measured at the compressor suction gauge port connection.

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

kW = Total system power

Amps = Outdoor unit amps (comp.+fan)

OUTDOOR UNIT	INDOOR UNITS	COOLING RATINGS ^				TVA RATINGS <sup>3</sup>		HEATING RATINGS ^			CFM	AHRI #
	COILS/AIR HANDLERS	TOTAL	SENS.	SEER <sup>1</sup>	EER <sup>2</sup>	TOTAL	SENS.	Hi <sup>4</sup>	HSPF <sup>5</sup>	Low <sup>6</sup>		
DZ13SA 0363A*	ARUF36C14B*+TXV	33,000	25,000	13.00	11.00	30,600	24,400	33,000	8.00	20,800	1,000	6334463
	ARUF42C14A*	33,600	25,600	13.00	11.00	31,200	24,800	34,000	8.00	20,800	1,000	6334464
	ARUF42C14A*+TXV	33,600	25,600	13.00	11.00	31,200	24,800	34,000	8.00	20,800	1,000	6334465
	AWUF37XX16B*	34,000	25,800	13.00	11.00	31,400	25,200	34,000	8.00	17,000	1,150	6334466
	CA*F3642*6D*+EEP	35,000	26,600	13.00	11.00	32,400	26,000	34,000	7.80	20,000	1,275	6334467
	CA*F3642*6D*+MBVC1600**-1A*	35,000	26,600	14.00	11.30	32,400	26,000	34,000	8.20	20,000	1,275	6334468
	CA*F3743*6D*+EEP	35,000	26,600	13.00	11.00	32,400	26,000	34,000	7.80	20,000	1,275	6334469
	CA*F3743*6D*+MBVC1600**-1A*	35,000	26,600	14.00	11.30	32,400	26,000	34,000	8.20	20,000	1,200	6334470
	CHPF3636B6C*+EEP	34,000	26,600	13.00	11.00	32,400	26,000	34,000	7.80	20,000	1,000	6334471
	CHPF3642C6C*+EEP	34,000	26,600	13.00	11.00	32,400	26,000	34,000	7.80	20,000	1,000	6334472
	CHPF3642C6C*+MBVC1600**-1A*	35,000	26,600	14.00	11.30	32,400	26,000	34,000	8.00	20,000	1,275	6334473
	CHPF3642D6C*+EEP	35,000	26,600	13.00	11.00	32,400	26,000	34,000	7.80	20,000	1,275	6334474
CSCF3642N6D*+EEP	35,000	26,600	13.00	11.00	32,400	26,000	34,000	7.80	20,000	1,200	6334475	
DZ13SA 0483A*	ARPT48D14A*	46,000	36,000	13.00	11.00	42,500	34,600	45,000	8.20	27,200	1,500	6334476
	ARPT60D14A*	46,000	36,000	13.50	11.50	42,500	34,600	44,500	8.20	27,000	1,495	6334477
	ARUF48D14A*	45,000	35,200	13.00	11.00	41,500	33,800	44,000	8.00	27,000	1,450	6334478
	ARUF60D14A*	45,000	35,200	13.00	11.00	41,500	33,800	44,000	8.00	27,600	1,515	6334479
	ASUF49C14A*	42,000	33,000	13.00	11.00	39,000	31,600	44,000	8.00	26,000	1,570	6334480
	ASUF49C14A*+TXV	42,000	33,000	13.30	11.00	39,000	31,600	44,000	8.00	26,200	1,570	6334481
	CA*F4860*6D*+EEP	46,000	36,000	13.00	11.00	42,500	34,600	44,000	8.20	27,000	1,600	6334482
	CA*F4860*6D*+MBVC2000**-1A*+TXV	46,000	36,000	14.00	11.30	42,500	34,600	44,000	8.20	27,000	1,600	6334483
	CHPF4860D6D*+EEP	46,000	36,000	13.00	11.30	42,500	34,600	44,000	8.20	27,000	1,600	6334484
	CHPF4860D6D*+MBVC2000**-1A*+TXV	46,000	36,000	14.00	11.30	42,500	34,600	44,000	8.20	27,000	1,600	6334485
CSCF4860N6D*+EEP	46,000	36,000	13.00	11.30	42,500	34,600	44,000	8.20	27,000	1,600	6334486	
DZ13SA 0484A*	ARPT48D14A*	46,000	36,000	13.00	11.00	42,500	34,600	45,000	8.20	27,200	1,500	6334487
	ARPT60D14A*	46,000	36,000	13.50	11.50	42,500	34,600	44,500	8.20	27,000	1,495	6334488
	ARUF48D14A*	45,000	35,200	13.00	11.00	41,500	33,800	44,000	8.00	27,000	1,450	6334489
	ARUF60D14A*	45,000	35,200	13.00	11.00	41,500	33,800	44,000	8.00	27,600	1,515	6334490
	ASUF49C14A*	42,000	33,000	13.00	11.00	39,000	31,600	44,000	8.00	26,000	1,570	6334491
	ASUF49C14A*+TXV	42,000	33,000	13.30	11.00	39,000	31,600	44,000	8.00	26,200	1,570	6334492
	CA*F4860*6D*+EEP	46,000	36,000	13.00	11.00	42,500	34,600	44,000	8.20	27,000	1,600	6334493
	CA*F4860*6D*+MBVC2000**-1A*+TXV	46,000	36,000	14.00	11.30	42,500	34,600	44,000	8.20	27,000	1,600	6334494
	CHPF4860D6D*+EEP	46,000	36,000	13.00	11.30	42,500	34,600	44,000	8.20	27,000	1,600	6334495
	CHPF4860D6D*+MBVC2000**-1A*+TXV	46,000	36,000	14.00	11.30	42,500	34,600	44,000	8.20	27,000	1,600	6334496
	CSCF4860N6D*+EEP	46,000	36,000	13.00	11.30	42,500	34,600	44,000	8.20	27,000	1,600	6334497

^ Rated in accordance with ANSI/AHRI Standard 210/240

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

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

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

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

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

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

**NOTES**

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

# AHRI RATINGS (CONT.)

OUTDOOR UNIT	INDOOR UNITS	COOLING RATINGS ^				TVA RATINGS <sup>3</sup>		HEATING RATINGS ^			CFM	AHRI #
	COILS/AIR HANDLERS	TOTAL	SENS.	SEER <sup>1</sup>	EER <sup>2</sup>	TOTAL	SENS.	Hi <sup>4</sup>	HSPF <sup>5</sup>	Low <sup>6</sup>		
DZ13SA 0603A*	ARPT60D14A*	56,000	42,500	13.00	11.00	52,000	41,500	59,000	8.00	37,400	1,850	6334498
	ARUF60D14A*+TXV	55,500	42,500	13.00	10.80	51,500	41,000	59,000	8.20	37,800	1,800	6334499
	ASUF59D14A*	57,000	43,500	13.50	11.50	52,500	42,000	59,500	8.20	35,000	1,580	6334500
	CA*F4860*6D*+EEP	57,000	43,500	13.00	11.10	52,500	42,000	58,000	8.20	36,000	1,800	6334501
	CA*F4860*6D*+MBVC2000**-1A*+TXV	57,000	43,500	13.50	11.30	52,500	42,000	58,000	8.50	36,000	1,800	6334502
	CA*F4961*6D*+EEP	57,500	44,000	13.00	11.00	53,000	42,500	58,000	8.20	36,000	1,800	6334503
	CHPF4860D6D*+EEP	55,500	42,500	13.00	11.10	51,500	41,000	58,000	8.20	36,000	1,800	6334504
	CHPF4860D6D*+MBVC2000**-1A*+TXV	57,000	43,500	13.50	11.30	52,500	42,000	58,000	8.50	36,000	1,800	6334505
DZ13SA 0604A*	CSCF4860N6D*+EEP	57,000	43,500	13.00	11.00	52,500	42,000	58,000	8.20	36,000	1,800	6334506
	ARPT60D14A*	56,000	42,500	13.00	11.00	52,000	41,500	59,000	8.00	37,400	1,850	6334507
	ARUF60D14A*+TXV	55,500	42,500	13.00	10.80	51,500	41,000	59,000	8.20	37,800	1,800	6334508
	ASUF59D14A*	57,000	43,500	13.50	11.50	52,500	42,000	59,500	8.20	35,000	1,580	6334509
	CA*F4860*6D*+EEP	57,000	43,500	13.00	11.10	52,500	42,000	58,000	8.20	36,000	1,800	6334510
	CA*F4860*6D*+MBVC2000**-1A*+TXV	57,000	43,500	13.50	11.30	52,500	42,000	58,000	8.50	36,000	1,800	6334511
	CA*F4961*6D*+EEP	57,500	44,000	13.00	11.00	53,000	42,500	58,000	8.20	36,000	1,800	6334512
	CHPF4860D6D*+EEP	55,500	42,500	13.00	11.10	51,500	41,000	58,000	8.20	36,000	1,800	6334513
CHPF4860D6D*+MBVC2000**-1A*+TXV	57,000	43,500	13.50	11.30	52,500	42,000	58,000	8.50	36,000	1,800	6334514	
CSCF4860N6D*+EEP	57,000	43,500	13.00	11.00	52,500	42,000	58,000	8.20	36,000	1,800	6334515	

^ Rated in accordance with ANSI/AHRI Standard 210/240

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

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

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

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

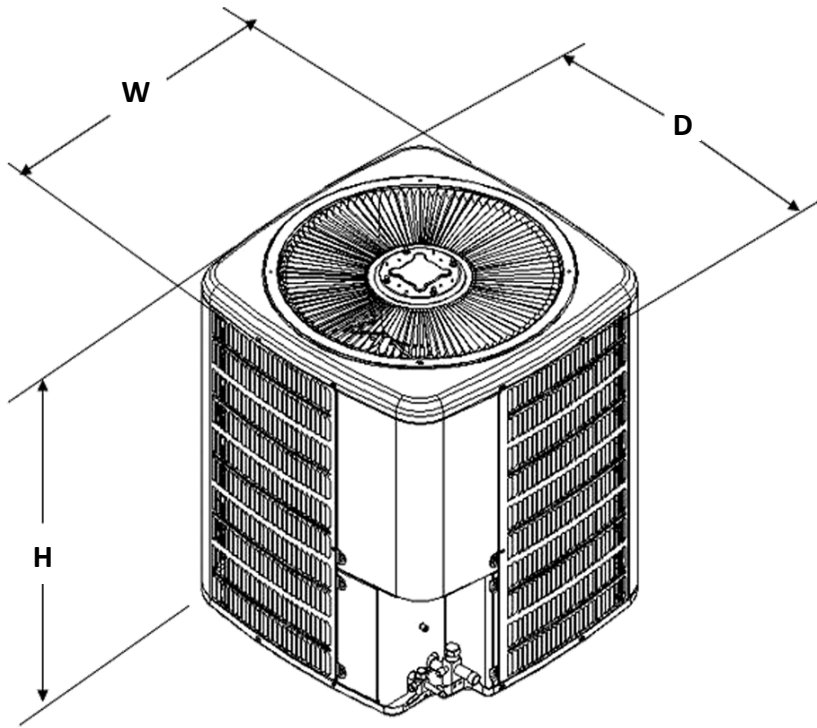
<sup>5</sup> HSPF = Heating Seasonal Performance Factor

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

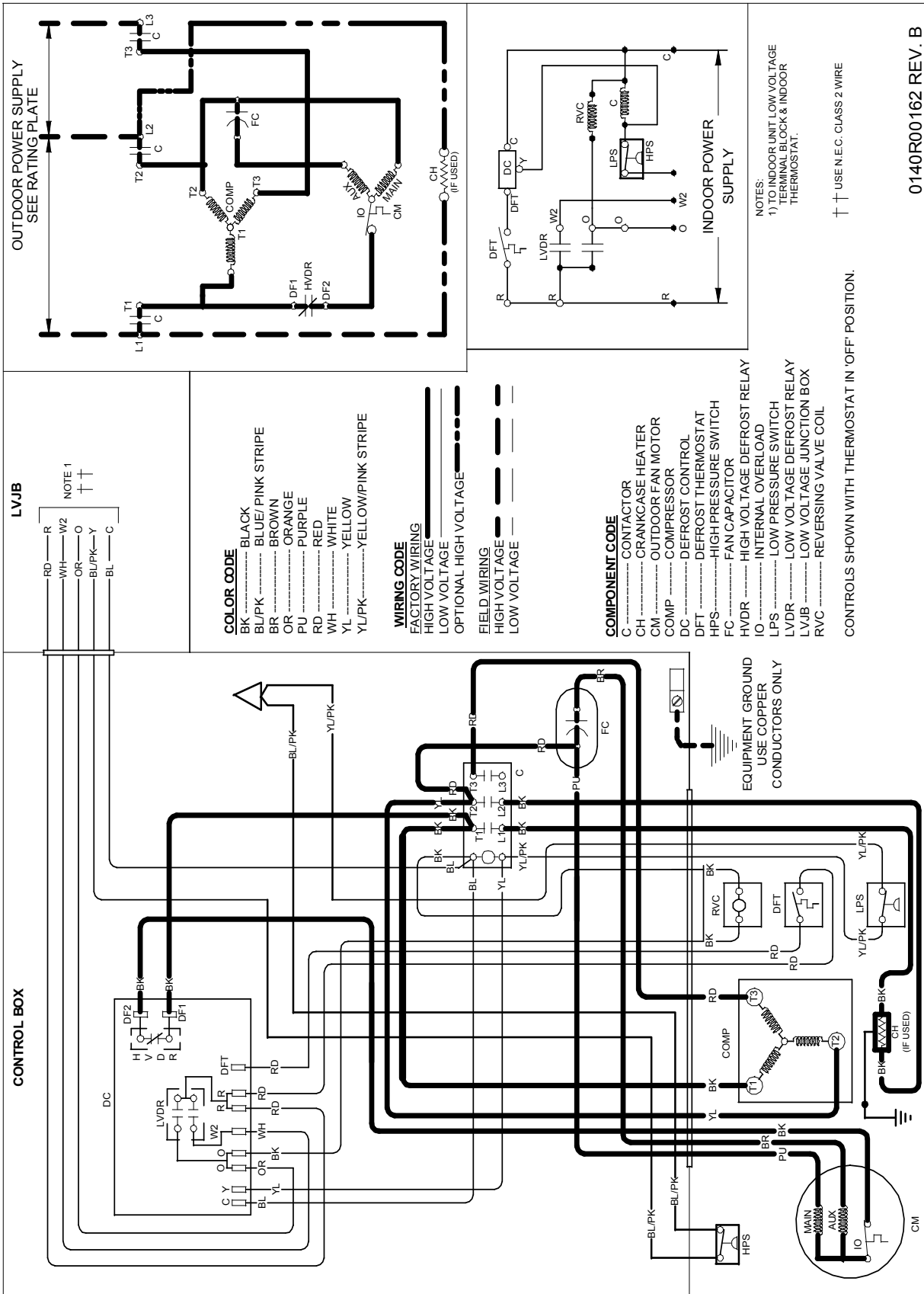
## NOTES

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





MODEL	DIMENSIONS		
	W"	D"	H"
DZ13SA0363A*	29	29	32¼
DZ13SA0483A*	29	29	34¼
DZ13SA0484A*	29	29	34¼
DZ13SA0603A*	35½	35½	34¼
DZ13SA0604A*	35½	35½	34¼



0140R00162 REV. B

**WARNING**

⚡

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

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

MODEL #	DESCRIPTION	DZ13SA 0363A*	DZ13SA 0483A*	DZ13SA 0484A*	DZ13SA 0603A*	DZ13SA 0604A*
0130R00000S	Low-pressure Switch Kit	X	X	X	X	X
ABK-20	Anchor Bracket Kit ^	X	X	X	X	X
ASC-01	Anti-Short Cycle Kit	X	X	X	X	X
AFE18-60A	All-fuel Kit	X	X	X	X	X
CSR-U-1	Hard-start Kit	X				
CSR-U-2	Hard-start Kit		X	X	X	X
CSR-U-3	Hard-start Kit		X	X	X	X
LAKT-01	Low-ambient Kit	X	X	X	X	X
FSK01A <sup>1</sup>	Freeze Protection Kit	X	X	X	X	X
OT18-60A <sup>2</sup>	Outdoor Thermostat	X	X	X	X	X
OT/EHR18-60	Emergency Heat Relay kit	X	X	X	X	X
TX3N4 <sup>2</sup>	TXV Kit	X				
TX5N4 <sup>2</sup>	TXV Kit		X	X	X	X

<sup>^</sup> Contains 20 brackets; four brackets needed to anchor unit to pad

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

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

<sup>3</sup> 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 or liquid line solenoid kit.

