



DZ4SEA COMMERCIAL

COOLING CAPACITY: 36,000 TO 60,000 BTU/H

HEATING CAPACITY: 36,000 TO 60,000 BTU/H

3, 4, & 5-TON, THREE-PHASE

SPLIT SYSTEM HEAT PUMP

14.3 SEER2 / R-410A



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■ 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
- Match systems have a minimum SEER2 rating of 14.3

■ 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 2020 Florida Building Code unit integrity requirements for hurricane-type winds (Anchor bracket kits available.)



* Complete warranty details available from your local dealer or at www.daikincomfort.com.

	D	Z	4	S	E	A	36	3	0	A	A	
	1	2	3	4	5	6	7,8	9	10	11	12	
Brand D - Daikin												Minor revision A: Intial Release B: 1st Revision
Type X - AC Z - HP												Major revision A: Intial Release B: 1st Revision
SEER2 14.3												Variations
Compressor Type S - Single Stage												Electrical 3 - 208/230 V Three-Phase 60 Hz 4 - 460 V Three-Phase 60 Hz
Feature E - Base												Nominal Capacity 36 - 3 Tons 48 - 4 Tons 60 - 5 Tons
Sales Region A - All Region												

	DZ4SEA 3630	DZ4SEA 3640	DZ4SEA 4830	DZ4SEA 4840	DZ4SEA 6030	DZ4SEA 6040
COOLING CAPACITIES						
NOMINAL COOLING (BTU/H) ¹	36,000	36,000	48,000	48,000	60,000	60,000
Nominal Heating (BTU/h) ¹	36,000	36,000	48,000	48,000	60,000	60,000
Decibels (dB)	74	74	75	75	76	76
COMPRESSOR						
RLA	10.9	5.4	14	6.4	15.4	7.1
LRA	98	43	120.4	55.1	155	62
CONDENSER FAN MOTOR						
Horsepower	1/6	1/6	1/4	1/4	1/4	1/4
FLA	0.97	0.60	1.3	0.80	1.3	0.80
REFRIGERATION SYSTEM						
Liquid Connection Valve Size (O.D.)	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"
Suction Connection Valve Size (O.D.)	7/8"	7/8"	7/8"	7/8"	7/8"	7/8"
Valve Type	Sweat	Sweat	Sweat	Sweat	Sweat	Sweat
Refrigerant Charge (oz.) ²	114	114	222	222	269	269
ELECTRICAL DATA						
AC Volts	200/230	460	200/230	460	200/230	460
Hz / Phase	60Hz/ 3	60Hz/ 3	60Hz/ 3	60Hz/ 3	60Hz/ 3	60Hz/ 3
Minimum Circuit Ampacity ³	14.5	7.4	18.0	8.7	20.4	9.5
Max. Overcurrent Protection ⁴	25	15	30	15	35	15
Min / Max Volts	197/253	414/506	197/253	414/506	197/253	414/506
Electrical Conduit Size	½" or ¾"	½" or ¾"	½" or ¾"	½" or ¾"	½" or ¾"	½" or ¾"
SHIP WEIGHT (LBS)						
	233	236	292	295	321	321

¹ Tested and rated in accordance with ARI Standard

² Factory Holding Charge. Follow Instructions for system charge

³ Wire size should be determined in accordance with National Electrical Codes; extensive wireruns will require larger wire sizes

⁴ 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.
- Unit is charged with refrigerant for 15' of ¾" liquid line. System charge must be adjusted per Installation Instructions Final Charge Procedure.

EXPANDED COOLING DATA — DZ4SEA3630A* + AMST36CU1400A*

IDB		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				
		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	59	63	67	71
1050	MBh	35.1	35.6	36.7	-	34.8	35.3	36.4	-	33.9	34.4	35.4	-	32.3	32.8	33.9	-	30.4	30.9	31.9	-	28.7	29.1	30.2	-				
	S/T	0.60	0.53	0.40	-	0.61	0.54	0.41	-	0.63	0.56	0.43	-	0.65	0.58	0.45	-	0.67	0.60	0.47	-	1.00	0.65	0.52	-				
	ΔT	18	17	13	-	18	17	13	-	18	17	14	-	18	16	13	-	18	16	13	-	19	17	14	-				
	kW	2.07	2.07	2.06	-	2.32	2.31	2.31	-	2.59	2.59	2.58	-	2.89	2.88	2.88	-	3.22	3.22	3.21	-	3.61	3.61	3.60	-				
	Amps	7.8	7.7	7.7	-	8.9	8.9	8.8	-	10.1	10.1	10.1	-	11.5	11.5	11.5	-	13.0	13.0	13.0	-	14.8	14.8	14.8	-				
70	Hi PR	247	248	250	-	286	287	289	-	326	327	329	-	370	371	373	-	417	419	420	-	468	469	471	-				
	Lo PR	119	120	123	-	126	128	131	-	132	134	137	-	138	139	142	-	143	144	147	-	149	151	154	-				
	MBh	35.5	36.0	37.0	-	35.1	35.6	36.7	-	34.2	34.7	35.8	-	32.7	33.2	34.2	-	30.7	31.2	32.3	-	29.0	29.5	30.5	-				
	S/T	0.64	0.57	0.44	-	0.65	0.57	0.44	-	0.67	0.60	0.47	-	0.69	0.62	0.49	-	1.00	0.64	0.51	-	1.00	0.69	0.56	-				
	ΔT	18	16	13	-	18	16	13	-	18	16	13	-	18	16	13	-	17	16	12	-	18	17	13	-				
1350	kW	2.08	2.08	2.07	-	2.32	2.32	2.32	-	2.60	2.60	2.59	-	2.90	2.89	2.89	-	3.23	3.23	3.22	-	3.62	3.61	3.61	-				
	Amps	7.8	7.8	7.8	-	8.9	8.9	8.9	-	10.2	10.2	10.1	-	11.5	11.5	11.5	-	13.0	13.0	13.0	-	14.8	14.8	14.8	-				
	Hi PR	248	249	251	-	287	288	290	-	328	329	331	-	372	373	374	-	419	420	422	-	469	470	472	-				
	Lo PR	120	122	125	-	127	129	132	-	134	135	138	-	139	140	143	-	144	146	149	-	151	152	155	-				
	MBh	36.3	36.7	37.8	-	35.9	36.4	37.5	-	35.0	35.5	36.6	-	33.5	34.0	35.0	-	31.5	32.0	33.1	-	29.8	30.3	31.3	-				
75	S/T	0.68	0.61	0.48	-	0.69	0.61	0.48	-	0.71	0.64	0.51	-	0.73	0.66	0.52	-	1.00	0.68	0.55	-	1.00	0.73	0.60	-				
	ΔT	16	15	11	-	16	15	11	-	17	15	12	-	16	15	11	-	16	14	11	-	17	15	12	-				
	kW	2.09	2.09	2.09	-	2.34	2.34	2.33	-	2.61	2.61	2.61	-	2.91	2.91	2.90	-	3.24	3.24	3.24	-	3.63	3.63	3.62	-				
	Amps	7.9	7.8	7.8	-	9.0	9.0	9.0	-	10.2	10.2	10.2	-	11.6	11.6	11.6	-	13.1	13.1	13.1	-	14.9	14.9	14.9	-				
	Hi PR	251	252	254	-	290	291	293	-	331	332	333	-	375	376	377	-	422	423	425	-	472	473	475	-				
1050	Lo PR	123	124	127	-	130	131	134	-	136	138	141	-	142	143	146	-	147	148	151	-	153	155	158	-				
	MBh	35.1	35.6	36.7	38.3	34.8	35.3	36.4	38.0	33.9	34.4	35.5	37.1	32.4	32.8	33.9	35.5	30.4	30.9	32.0	33.6	28.7	29.2	30.2	31.8				
	S/T	0.73	0.65	0.52	0.39	0.73	0.66	0.53	0.39	0.76	0.68	0.55	0.42	1.00	0.70	0.57	0.44	1.00	0.72	0.59	0.46	1.00	0.77	0.64	0.51				
	ΔT	22	20	17	14	22	20	17	14	22	21	17	14	22	20	17	14	22	20	17	14	23	21	18	15				
	kW	2.07	2.07	2.06	2.08	2.31	2.31	2.31	2.33	2.59	2.59	2.58	2.60	2.89	2.88	2.88	2.90	3.22	3.21	3.21	3.23	3.61	3.60	3.60	3.62				
1150	Amps	7.7	7.7	7.7	7.8	8.9	8.9	8.8	8.9	10.1	10.1	10.1	10.2	11.5	11.5	11.5	11.5	13.0	13.0	13.0	13.1	14.8	14.8	14.8	14.8				
	Hi PR	247	248	250	254	286	287	289	293	327	328	329	334	370	372	373	378	418	419	420	425	468	469	471	475				
	Lo PR	119	120	123	128	126	128	131	136	132	134	137	142	138	139	142	147	143	144	147	152	149	151	154	159				
	MBh	35.5	36.0	37.0	38.6	35.2	35.7	36.7	38.3	34.3	34.7	35.8	37.4	32.7	33.2	34.2	35.8	30.8	31.3	32.3	33.9	29.0	29.5	30.5	32.1				
	S/T	0.76	0.69	0.56	0.42	0.77	0.70	0.57	0.43	1.00	0.72	0.59	0.45	1.00	0.74	0.61	0.47	1.00	0.76	0.63	0.49	1.00	0.81	0.68	0.54				
1350	ΔT	21	20	16	13	21	20	16	13	22	20	17	13	21	20	16	13	21	19	16	13	22	20	17	14				
	kW	2.08	2.07	2.07	2.09	2.32	2.32	2.32	2.34	2.60	2.59	2.59	2.61	2.89	2.89	2.89	2.91	3.23	3.22	3.22	3.24	3.61	3.61	3.61	3.63				
	Amps	7.8	7.8	7.8	7.8	8.9	8.9	8.9	9.0	10.2	10.2	10.1	10.2	11.5	11.5	11.5	11.6	13.0	13.0	13.0	13.1	14.8	14.8	14.8	14.9				
	Hi PR	249	250	251	256	287	288	290	294	328	329	331	335	372	373	375	379	419	420	422	426	470	471	472	477				
	Lo PR	120	122	125	130	127	129	132	137	134	135	138	143	139	140	143	148	144	146	149	154	151	152	155	160				
70	MBh	36.3	36.8	37.8	39.4	36.0	36.5	37.5	39.1	35.0	35.5	36.6	38.2	33.5	34.0	35.0	36.6	31.6	32.0	33.1	34.7	29.8	30.3	31.3	32.9				
	S/T	0.80	0.73	0.60	0.46	0.81	0.74	0.61	0.47	1.00	0.76	0.63	0.49	1.00	0.78	0.65	0.51	1.00	0.80	0.67	0.53	1.00	1.00	0.72	0.58				
	ΔT	20	18	15	12	20	18	15	12	20	19	15	12	20	18	15	12	20	18	15	12	21	19	16	13				
	kW	2.09	2.09	2.09	2.10	2.34	2.33	2.33	2.35	2.61	2.61	2.61	2.62	2.91	2.91	2.90	2.92	3.24	3.24	3.23	3.25	3.63	3.63	3.62	3.64				
	Amps	7.8	7.8	7.8	7.9	9.0	9.0	8.9	9.0	10.2	10.2	10.2	10.3	11.6	11.6	11.6	11.6	13.1	13.1	13.1	13.2	14.9	14.9	14.9	14.9				
1050	Hi PR	251	252	254	258	290	291	293	297	331	332	334	338	375	376	378	382	422	423	425	429	472	473	475	479				
	Lo PR	123	124	127	132	130	132	135	140	136	138	141	146	142	143	146	151	147	148	151	156	153	155	158	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 — DZ4SEA3630A* + AMST36CU1400A* (CONT.)

IDB		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				
		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	59	63	67	71
80	MBh	35.3	35.8	36.9	38.5	35.0	35.5	36.6	38.2	34.1	34.6	35.6	37.2	32.5	33.0	34.1	35.7	30.6	31.1	32.1	33.7	30.6	31.1	32.1	33.7				
	S/T	0.85	0.77	0.64	0.51	1.00	0.78	0.65	0.51	1.00	0.80	0.67	0.54	1.00	0.82	0.69	0.56	1.00	0.84	0.71	0.58	1.00	0.84	0.71	0.58				
	ΔT	26	24	21	18	26	24	21	18	26	24	21	18	26	24	21	18	26	24	21	17	27	25	22	18				
	kW	2.07	2.07	2.06	2.08	2.32	2.31	2.31	2.33	2.59	2.59	2.58	2.60	2.89	2.88	2.88	2.90	3.22	3.22	3.22	3.23	3.22	3.22	3.21	3.23				
	Amps	7.7	7.7	7.7	7.8	8.9	8.9	8.8	8.9	10.1	10.1	10.1	10.2	11.5	11.5	11.5	11.5	13.0	13.0	13.0	13.1	13.0	13.0	13.0	13.1				
	Hi PR	248	249	250	255	286	287	289	293	327	328	330	334	371	372	374	378	418	419	421	425	418	419	421	425				
	Lo PR	119	121	124	129	127	128	131	136	133	134	137	142	138	140	143	148	143	145	148	153	143	145	148	153				
	MBh	35.7	36.2	37.2	38.8	35.3	35.8	36.9	38.5	34.4	34.9	36.0	37.6	32.9	33.4	34.4	36.0	30.9	31.4	32.5	34.1	30.9	31.4	32.5	34.1				
	S/T	0.89	0.81	0.68	0.54	1.00	0.82	0.69	0.55	1.00	0.84	0.71	0.57	1.00	0.86	0.73	0.59	1.00	1.00	0.75	0.61	1.00	1.00	0.75	0.61				
	ΔT	25	23	20	17	25	23	20	17	25	24	20	17	25	23	20	17	25	23	20	17	26	24	21	18				
kW	2.08	2.08	2.07	2.09	2.32	2.32	2.32	2.34	2.60	2.60	2.59	2.61	2.89	2.89	2.89	2.91	3.23	3.22	3.22	3.24	3.23	3.22	3.22	3.24					
Amps	7.8	7.8	7.8	7.8	8.9	8.9	8.9	9.0	10.2	10.2	10.1	10.2	11.5	11.5	11.5	11.6	13.0	13.0	13.0	13.1	13.0	13.0	13.0	13.1					
Hi PR	249	250	252	256	288	289	291	295	329	330	331	336	372	373	375	379	420	421	422	427	420	421	422	427					
Lo PR	121	122	125	130	128	129	132	137	134	136	139	144	139	141	144	149	145	146	149	154	145	146	149	154					
MBh	36.5	37.0	38.0	39.6	36.1	36.6	37.7	39.3	35.2	35.7	36.8	38.4	33.7	34.2	35.2	36.8	31.7	32.2	33.3	34.9	31.7	32.2	33.3	34.9					
S/T	1.00	0.85	0.72	0.58	1.00	0.86	0.73	0.59	1.00	0.88	0.75	0.61	1.00	0.90	0.77	0.63	1.00	1.00	0.79	0.65	1.00	1.00	0.79	0.65					
ΔT	24	22	19	16	24	22	19	16	24	22	19	16	24	22	19	16	24	22	19	15	25	23	20	17					
kW	2.09	2.09	2.09	2.11	2.34	2.34	2.33	2.35	2.61	2.61	2.61	2.63	2.91	2.91	2.90	2.92	3.24	3.24	3.24	3.25	3.24	3.24	3.24	3.25					
Amps	7.9	7.8	7.8	7.9	9.0	9.0	9.0	9.0	10.2	10.2	10.2	10.3	11.6	11.6	11.6	11.7	13.1	13.1	13.1	13.2	13.1	13.1	13.1	13.2					
Hi PR	252	253	255	259	291	292	293	298	331	332	334	338	375	376	378	382	422	423	425	430	422	423	425	430					
Lo PR	123	125	128	133	131	132	135	140	137	138	141	146	142	144	147	152	147	149	152	157	147	149	152	157					
MBh	35.9	36.4	37.5	39.1	35.6	36.1	37.1	38.7	34.7	35.2	36.2	37.8	33.1	33.6	34.7	36.3	31.2	31.7	32.7	34.3	31.2	31.7	32.7	34.3					
S/T	1.00	0.87	0.74	0.6	1.00	0.88	0.75	0.6	1.00	1.00	0.77	0.6	1.00	1.00	0.79	0.7	1.00	1.00	0.81	0.7	1.00	1.00	0.81	0.7					
ΔT	29	28	24	21	29	27	24	21	29	28	25	21	29	27	24	21	29	27	24	21	29	27	24	21					
kW	2.07	2.07	2.07	2.1	2.32	2.32	2.31	2.3	2.59	2.59	2.59	2.6	2.89	2.89	2.88	2.9	3.22	3.22	3.22	3.2	3.22	3.22	3.22	3.2					
Amps	7.8	7.8	7.7	7.8	8.9	8.9	8.9	9.0	10.2	10.1	10.1	10.2	11.5	11.5	11.5	11.6	13.0	13.0	13.0	13.1	13.0	13.0	13.0	13.1					
Hi PR	249	250	251	256	288	289	290	295	328	329	331	335	372	373	375	379	419	420	422	426	419	420	422	426					
Lo PR	121	123	126	131	128	130	133	138	135	136	139	144	140	141	144	150	145	147	150	155	145	147	150	155					
MBh	36.2	36.7	37.8	39.4	35.9	36.4	37.5	39.1	35.0	35.5	36.6	38.2	33.4	33.9	35.0	36.6	31.5	32.0	33.1	34.7	31.5	32.0	33.1	34.7					
S/T	1.00	0.91	0.78	0.6	1.00	0.92	0.78	0.6	1.00	1.00	0.81	0.7	1.00	1.00	0.83	0.7	1.00	1.00	0.85	0.7	1.00	1.00	0.85	0.7					
ΔT	29	27	24	20	29	27	24	20	29	27	24	20	28	27	24	20	28	27	23	20	28	27	23	20					
kW	2.08	2.08	2.08	2.1	2.33	2.33	2.32	2.3	2.60	2.60	2.60	2.6	2.90	2.90	2.89	2.9	3.23	3.23	3.23	3.2	3.23	3.23	3.23	3.2					
Amps	7.8	7.8	7.8	7.9	8.9	8.9	8.9	9.0	10.2	10.2	10.2	10.2	11.6	11.5	11.5	11.6	13.1	13.1	13.0	13.1	13.1	13.1	13.0	13.1					
Hi PR	250	251	253	257	289	290	292	296	330	331	332	337	373	375	376	381	421	422	424	428	421	422	424	428					
Lo PR	122	124	127	132	130	131	134	139	136	137	140	145	141	143	146	151	146	148	151	156	146	148	151	156					
MBh	37.0	37.5	38.6	40.2	36.7	37.2	38.3	39.9	35.8	36.3	37.4	39.0	34.2	34.7	35.8	37.4	32.3	32.8	33.9	35.5	32.3	32.8	33.9	35.5					
S/T	1.00	0.95	0.82	0.7	1.00	0.95	0.82	0.7	1.00	1.00	0.85	0.7	1.00	1.00	0.87	0.7	1.00	1.00	0.89	0.8	1.00	1.00	0.89	0.8					
ΔT	27	26	22	19	27	26	22	19	28	26	23	19	27	26	22	19	27	25	22	19	27	25	22	19					
kW	2.10	2.10	2.09	2.1	2.34	2.34	2.34	2.4	2.62	2.62	2.61	2.6	2.91	2.91	2.91	2.9	3.25	3.24	3.24	3.3	3.25	3.24	3.24	3.3					
Amps	7.9	7.9	7.8	7.9	9.0	9.0	9.0	9.1	10.3	10.2	10.2	10.3	11.6	11.6	11.6	11.7	13.1	13.1	13.1	13.2	13.1	13.1	13.1	13.2					
Hi PR	253	254	256	260	292	293	295	299	333	334	335	340	376	377	379	383	424	425	426	431	424	425	426	431					
Lo PR	125	127	130	135	132	134	137	142	139	140	143	148	144	145	148	154	149	151	154	159	149	151	154	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 — DZ4SEA3640A* + AMST36CU1400A*

IDB	AIRFLOW	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	
70	1050	MBh	35.1	35.6	36.7	-	34.8	35.3	36.4	-	33.9	34.4	35.4	-	32.3	32.8	33.9	-	30.4	30.9	31.9	-	28.7	29.1	30.2	-
		S/T	0.60	0.53	0.40	-	0.61	0.54	0.41	-	0.63	0.56	0.43	-	0.65	0.58	0.45	-	0.67	0.60	0.47	-	1.00	0.65	0.52	-
		ΔT	18	17	13	-	18	17	13	-	18	17	14	-	18	16	13	-	18	16	13	-	19	17	14	-
		kW	2.07	2.07	2.06	-	2.32	2.31	2.31	-	2.59	2.59	2.58	-	2.89	2.88	2.88	-	3.22	3.22	3.21	-	3.61	3.61	3.60	-
	1150	Amps	7.8	7.7	7.7	-	8.9	8.9	8.8	-	10.1	10.1	10.1	-	11.5	11.5	11.5	-	13.0	13.0	13.0	-	14.8	14.8	14.8	-
		Hi PR	247	248	250	-	286	287	289	-	326	327	329	-	370	371	373	-	417	419	420	-	468	469	471	-
		Lo PR	119	120	123	-	126	128	131	-	132	134	137	-	138	139	142	-	143	144	147	-	149	151	154	-
		MBh	35.5	36.0	37.0	-	35.1	35.6	36.7	-	34.2	34.7	35.8	-	32.7	33.2	34.2	-	30.7	31.2	32.3	-	29.0	29.5	30.5	-
	1350	S/T	0.64	0.57	0.44	-	0.65	0.57	0.44	-	0.67	0.60	0.47	-	0.69	0.62	0.49	-	1.00	0.64	0.51	-	1.00	0.69	0.56	-
		ΔT	18	16	13	-	18	16	13	-	18	16	13	-	18	16	13	-	17	16	12	-	18	17	13	-
		kW	2.08	2.08	2.07	-	2.32	2.32	2.32	-	2.60	2.60	2.59	-	2.90	2.89	2.89	-	3.23	3.23	3.22	-	3.62	3.61	3.61	-
		Amps	7.8	7.8	7.8	-	8.9	8.9	8.9	-	10.2	10.2	10.1	-	11.5	11.5	11.5	-	13.0	13.0	13.0	-	14.8	14.8	14.8	-
1050	Hi PR	248	249	251	-	287	288	290	-	328	329	331	-	372	373	374	-	419	420	422	-	469	470	472	-	
	Lo PR	120	122	125	-	127	129	132	-	134	135	138	-	139	140	143	-	144	146	149	-	151	152	155	-	
	MBh	36.3	36.7	37.8	-	35.9	36.4	37.5	-	35.0	35.5	36.6	-	33.5	34.0	35.0	-	31.5	32.0	33.1	-	29.8	30.3	31.3	-	
	S/T	0.68	0.61	0.48	-	0.69	0.61	0.48	-	0.71	0.64	0.51	-	0.73	0.66	0.52	-	1.00	0.68	0.55	-	1.00	0.73	0.60	-	
1150	ΔT	16	15	11	-	16	15	11	-	17	15	12	-	16	15	11	-	16	14	11	-	17	15	12	-	
	kW	2.09	2.09	2.09	-	2.34	2.34	2.33	-	2.61	2.61	2.61	-	2.91	2.91	2.90	-	3.24	3.24	3.24	-	3.63	3.63	3.62	-	
	Amps	7.9	7.8	7.8	-	9.0	9.0	9.0	-	10.2	10.2	10.2	-	11.6	11.6	11.6	-	13.1	13.1	13.1	-	14.9	14.9	14.9	-	
	Hi PR	251	252	254	-	290	291	293	-	331	332	333	-	375	376	377	-	422	423	425	-	472	473	475	-	
1350	Lo PR	123	124	127	-	130	131	134	-	136	138	141	-	142	143	146	-	147	148	151	-	153	155	158	-	
	MBh	35.1	35.6	36.7	38.3	34.8	35.3	36.4	37.5	38.3	34.3	34.7	35.8	37.4	32.7	33.2	34.2	35.8	30.8	31.3	32.3	33.9	29.0	29.5	30.5	32.1
	S/T	0.73	0.65	0.52	0.39	0.73	0.66	0.53	0.39	0.73	0.70	0.57	0.43	0.45	1.00	0.74	0.61	0.47	1.00	0.76	0.63	0.49	1.00	0.81	0.68	0.54
	ΔT	22	20	17	14	22	20	17	14	22	21	17	14	22	21	16	13	21	20	16	13	22	20	17	14	23
1050	kW	2.07	2.07	2.06	2.08	2.31	2.31	2.31	2.33	2.59	2.59	2.58	2.60	2.89	2.88	2.88	2.90	3.22	3.21	3.21	3.23	3.61	3.60	3.60	3.62	
	Amps	7.7	7.7	7.7	7.8	8.9	8.9	8.8	8.9	10.1	10.1	10.1	10.2	11.5	11.5	11.5	11.5	13.0	13.0	13.0	13.1	14.8	14.8	14.8	14.8	
	Hi PR	247	248	250	254	286	287	289	293	327	328	329	334	370	372	373	378	418	419	420	425	468	469	471	475	
	Lo PR	119	120	123	128	126	128	131	136	132	134	137	142	138	139	142	147	143	144	147	152	149	151	154	159	
1150	MBh	35.5	36.0	37.0	38.6	35.2	35.7	36.7	38.3	34.3	34.7	35.8	37.4	32.7	33.2	34.2	35.8	30.8	31.3	32.3	33.9	29.0	29.5	30.5	32.1	
	S/T	0.76	0.69	0.56	0.42	0.77	0.70	0.57	0.43	1.00	0.72	0.59	0.45	1.00	0.74	0.61	0.47	1.00	0.76	0.63	0.49	1.00	0.81	0.68	0.54	
	ΔT	21	20	16	13	21	20	16	13	22	20	17	13	21	20	16	13	21	19	16	13	22	20	17	14	23
	kW	2.08	2.07	2.07	2.09	2.32	2.32	2.32	2.34	2.60	2.59	2.59	2.61	2.89	2.89	2.89	2.91	3.23	3.22	3.22	3.24	3.61	3.61	3.61	3.63	
1350	Amps	7.8	7.8	7.8	7.8	8.9	8.9	8.9	9.0	10.2	10.2	10.1	10.2	11.5	11.5	11.5	11.6	13.0	13.0	13.0	13.1	14.8	14.8	14.8	14.9	
	Hi PR	249	250	251	256	287	288	290	294	328	329	331	335	372	373	375	379	419	420	422	426	470	471	472	477	
	Lo PR	120	122	125	130	127	129	132	137	134	135	138	143	139	140	143	148	144	146	149	154	151	152	155	160	
	MBh	36.3	36.8	37.8	39.4	36.0	36.5	37.5	39.1	35.0	35.5	36.6	38.2	33.5	34.0	35.0	36.6	31.6	32.0	33.1	34.7	29.8	30.3	31.3	32.9	
1050	S/T	0.80	0.73	0.60	0.46	0.81	0.74	0.61	0.47	1.00	0.76	0.63	0.49	1.00	0.78	0.65	0.51	1.00	0.80	0.67	0.53	1.00	1.00	0.72	0.58	
	ΔT	20	18	15	12	20	18	15	12	20	19	15	12	20	18	15	12	20	18	15	12	21	19	16	13	21
	kW	2.09	2.09	2.09	2.10	2.34	2.33	2.33	2.35	2.61	2.61	2.61	2.62	2.91	2.91	2.90	2.92	3.24	3.24	3.23	3.25	3.63	3.63	3.62	3.64	
	Amps	7.8	7.8	7.8	7.9	9.0	9.0	8.9	9.0	10.2	10.2	10.2	10.3	11.6	11.6	11.6	11.6	13.1	13.1	13.1	13.2	14.9	14.9	14.9	14.9	
1350	Hi PR	251	252	254	258	290	291	293	297	331	332	334	338	375	376	378	382	422	423	425	429	472	473	475	479	
	Lo PR	123	124	127	132	130	132	135	140	136	138	141	146	142	143	146	151	147	148	151	156	153	155	158	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)

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			
80	1050	MBh	35.3	35.8	36.9	38.5	35.0	35.5	36.6	38.2	34.1	34.6	35.6	37.2	32.5	33.0	34.1	35.7	30.6	31.1	32.1	33.7	28.9	29.4	30.4	32.0		
		S/T	0.85	0.77	0.64	0.51	1.00	0.78	0.65	0.51	1.00	0.80	0.67	0.54	1.00	0.82	0.69	0.56	1.00	0.84	0.71	0.58	1.00	1.00	1.00	0.76	0.63	
		ΔT	26	24	21	18	26	24	21	18	26	24	21	18	26	24	21	18	26	24	21	17	27	25	22	18		
	1150	KW	2.07	2.07	2.06	2.08	2.32	2.31	2.31	2.33	2.59	2.59	2.58	2.60	2.89	2.88	2.88	2.90	3.22	3.22	3.22	3.21	3.23	3.61	3.61	3.60	3.62	
		Amps	7.7	7.7	7.7	7.8	8.9	8.9	8.8	8.9	10.1	10.1	10.1	10.2	11.5	11.5	11.5	11.5	13.0	13.0	13.0	13.0	13.1	14.8	14.8	14.8	14.8	
		Hi PR	248	249	250	255	286	287	289	293	327	328	330	334	371	372	374	378	418	418	419	421	425	469	470	471	476	
	1350	Lo PR	119	121	124	129	127	128	131	136	133	134	137	142	138	140	143	148	143	145	148	153	150	151	151	160		
		MBh	35.7	36.2	37.2	38.8	35.3	35.8	36.9	38.5	34.4	34.9	36.0	37.6	32.9	33.4	34.4	36.0	30.9	31.4	32.5	34.1	29.2	29.7	30.7	32.3		
		S/T	0.89	0.81	0.68	0.54	1.00	0.82	0.69	0.55	1.00	0.84	0.71	0.57	1.00	0.86	0.73	0.59	1.00	1.00	0.75	0.61	1.00	1.00	1.00	0.80	0.66	
	85	1050	ΔT	25	23	20	17	25	23	20	17	25	24	20	17	25	23	20	17	25	23	20	17	26	24	21	18	
			KW	2.08	2.08	2.07	2.09	2.32	2.32	2.32	2.34	2.60	2.60	2.59	2.61	2.89	2.89	2.89	2.91	3.23	3.22	3.22	3.22	3.24	3.62	3.61	3.61	3.63
			Amps	7.8	7.8	7.8	7.8	8.9	8.9	8.9	9.0	10.2	10.2	10.1	10.2	11.5	11.5	11.5	11.6	13.0	13.0	13.0	13.0	13.1	14.8	14.8	14.8	14.9
1150		Hi PR	249	250	252	256	288	289	291	295	329	330	331	336	372	373	375	379	420	421	422	422	427	470	471	473	477	
		Lo PR	121	122	125	130	128	129	132	137	134	136	139	144	139	141	144	149	145	146	149	154	151	153	153	161		
		MBh	36.5	37.0	38.0	39.6	36.1	36.6	37.7	39.3	35.2	35.7	36.8	38.4	33.7	34.2	35.2	36.8	31.7	32.2	33.3	34.9	30.0	30.5	31.5	33.1		
1350		S/T	1.00	0.85	0.72	0.58	1.00	0.86	0.73	0.59	1.00	0.88	0.75	0.61	1.00	0.90	0.77	0.63	1.00	1.00	0.79	0.65	1.00	1.00	1.00	0.84	0.70	
		ΔT	24	22	19	16	24	22	19	16	24	22	19	16	24	22	19	16	24	22	19	15	25	23	20	17		
		KW	2.09	2.09	2.09	2.11	2.34	2.34	2.33	2.35	2.61	2.61	2.61	2.63	2.91	2.91	2.90	2.92	3.24	3.24	3.24	3.24	3.25	3.63	3.63	3.62	3.64	
85		1050	Amps	7.9	7.8	7.8	7.9	9.0	9.0	9.0	9.0	10.2	10.2	10.2	10.3	11.6	11.6	11.6	11.7	13.1	13.1	13.1	13.2	14.9	14.9	14.9	15.0	
			Hi PR	252	253	255	259	291	292	293	298	331	332	334	338	375	376	378	382	422	423	425	430	473	474	475	480	
			Lo PR	123	125	128	133	131	132	135	140	137	138	141	146	142	144	147	152	147	149	152	157	154	155	155	164	
	1150	MBh	36.2	36.7	37.8	39.4	35.9	36.4	37.5	39.1	35.0	35.5	36.6	38.2	33.4	33.9	35.0	36.6	31.5	32.0	33.1	34.7	29.8	30.3	31.3	32.9		
		S/T	1.00	0.91	0.78	0.6	1.00	0.92	0.78	0.6	1.00	1.00	0.81	0.7	1.00	1.00	0.83	0.7	1.00	1.00	0.85	0.7	1.00	1.00	1.00	0.8		
		ΔT	29	27	24	20	29	27	24	20	29	27	24	20	28	27	24	20	28	27	23	20	29	28	24	21		
	1350	KW	2.08	2.08	2.08	2.1	2.33	2.33	2.32	2.3	2.60	2.60	2.60	2.6	2.90	2.90	2.89	2.9	3.23	3.23	3.23	3.2	3.62	3.62	3.61	3.6		
		Amps	7.8	7.8	7.8	7.9	8.9	8.9	8.9	9.0	10.2	10.2	10.2	10.2	11.6	11.5	11.5	11.6	13.1	13.1	13.0	13.1	14.8	14.8	14.8	14.9		
		Hi PR	250	251	253	257	289	290	292	296	330	331	332	337	373	375	376	381	421	422	424	428	471	472	474	478		
	1350	Lo PR	122	124	127	132	130	131	134	139	136	137	140	145	141	143	146	151	146	148	151	156	153	154	157	163		
		MBh	37.0	37.5	38.6	40.2	36.7	37.2	38.3	39.9	35.8	36.3	37.4	39.0	34.2	34.7	35.8	37.4	32.3	32.8	33.9	35.5	30.6	31.1	32.1	33.7		
		S/T	1.00	0.95	0.82	0.7	1.00	0.95	0.82	0.7	1.00	1.00	0.85	0.7	1.00	1.00	0.87	0.7	1.00	1.00	0.89	0.8	1.00	1.00	1.00	0.8		
85	1050	ΔT	27	26	22	19	27	26	22	19	28	26	23	19	27	26	22	19	27	25	22	19	28	26	23	20		
		KW	2.10	2.10	2.09	2.1	2.34	2.34	2.34	2.4	2.62	2.62	2.61	2.6	2.91	2.91	2.91	2.9	3.25	3.24	3.24	3.3	3.64	3.63	3.63	3.6		
		Amps	7.9	7.9	7.8	7.9	9.0	9.0	9.0	9.1	10.3	10.2	10.2	10.3	11.6	11.6	11.6	11.7	13.1	13.1	13.1	13.2	14.9	14.9	14.9	15.0		
	1150	Hi PR	253	254	256	260	292	293	295	299	333	334	335	340	376	377	379	383	424	425	426	431	474	475	477	481		
		Lo PR	125	127	130	135	132	134	137	142	139	140	143	148	144	145	148	154	149	151	154	159	156	157	160	165		
		MBh	36.2	36.7	37.8	39.4	35.9	36.4	37.5	39.1	35.0	35.5	36.6	38.2	33.4	33.9	35.0	36.6	31.5	32.0	33.1	34.7	29.8	30.3	31.3	32.9		
	1350	S/T	1.00	0.91	0.78	0.6	1.00	0.92	0.78	0.6	1.00	1.00	0.81	0.7	1.00	1.00	0.83	0.7	1.00	1.00	0.85	0.7	1.00	1.00	1.00	0.8		
		ΔT	29	27	24	20	29	27	24	20	29	27	24	20	28	27	24	20	28	27	23	20	29	28	24	21		
		KW	2.08	2.08	2.08	2.1	2.33	2.33	2.32	2.3	2.60	2.60	2.60	2.6	2.90	2.90	2.89	2.9	3.23	3.23	3.23	3.2	3.62	3.62	3.61	3.6		
	1350	Amps	7.8	7.8	7.8	7.9	8.9	8.9	8.9	9.0	10.2	10.2	10.2	10.2	11.6	11.5	11.5	11.6	13.1	13.1	13.0	13.1	14.8	14.8	14.8	14.9		
		Hi PR	250	251	253	257	289	290	292	296	330	331	332	337	373	375	376	381	421	422	424	428	471	472	474	478		
		Lo PR	122	124	127	132	130	131	134	139	136	137	140	145	141	143	146	151	146	148	151	156	153	154	157	163		
1350	MBh	37.0	37.5	38.6	40.2	36.7	37.2	38.3	39.9	35.8	36.3	37.4	39.0	34.2	34.7	35.8	37.4	32.3	32.8	33.9	35.5	30.6	31.1	32.1	33.7			
	S/T	1.00	0.95	0.82	0.7	1.00	0.95	0.82	0.7	1.00	1.00	0.85	0.7	1.00	1.00	0.87	0.7	1.00	1.00	0.89	0.8	1.00	1.00	1.00	0.8			
	ΔT	27	26	22	19	27	26	22	19	28	26	23	19	27	26	22	19	27	25	22	19	28	26	23	20			
1350	KW	2.10	2.10	2.09	2.1	2.34	2.34	2.34	2.4	2.62	2.62	2.61	2.6	2.91	2.91	2.91	2.9	3.25	3.24	3.24	3.3	3.64	3.63	3.63	3.6			
	Amps	7.9	7.9	7.8	7.9	9.0	9.0	9.0	9.1	10.3	10.2	10.2	10.3	11.6	11.6	11.6	11.7	13.1	13.1	13.1	13.2	14.9	14.9	14.9	15.0			
	Hi PR	253	254	256	260	292	293	295	299	333	334	335	340	376	377	379	383	424	425	426	431	474	475	477	481			
1350	Lo PR	125	127	130	135	132	134	137	142	139	140	143	148	144	145	148	154	149	151	154	159	156	157	160	165			

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. -fhan)

EXPANDED COOLING DATA — DZ4SEA4830A* + AMST48CU1400A*

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	
70	AIRFLOW	MBh	46.7	47.3	48.7	-	46.3	46.9	48.3	-	45.1	45.7	47.1	-	43.0	43.6	45.0	-	40.4	41.1	42.5	-	38.1	38.8	40.2	-
		S/T	0.63	0.56	0.43	-	0.64	0.56	0.43	-	0.66	0.59	0.46	-	0.68	0.61	0.48	-	1.00	0.63	0.50	-	1.00	0.68	0.55	-
		ΔT	19	17	14	-	19	17	13	-	19	17	14	-	19	17	13	-	18	17	13	-	19	18	14	-
	1400	KW	2.73	2.73	2.73	-	3.06	3.06	3.05	-	3.43	3.43	3.42	-	3.82	3.82	3.82	-	4.27	4.27	4.26	-	4.79	4.79	4.78	-
		Amps	10.3	10.3	10.3	-	11.8	11.8	11.8	-	13.5	13.5	13.5	-	15.3	15.3	15.3	-	17.3	17.3	17.3	-	19.7	19.7	19.7	-
		Hi PR	243	244	246	-	282	283	284	-	322	323	324	-	365	366	367	-	411	412	414	-	461	462	463	-
	1460	Lo PR	120	121	124	-	127	129	132	-	134	135	138	-	139	140	143	-	144	146	149	-	151	152	155	-
		MBh	46.9	47.6	48.9	-	46.5	47.1	48.5	-	45.3	45.9	47.3	-	43.2	43.9	45.2	-	40.7	41.3	42.7	-	38.3	39.0	40.4	-
		S/T	0.65	0.57	0.44	-	0.66	0.58	0.45	-	0.68	0.61	0.47	-	0.70	0.62	0.49	-	1.00	0.65	0.51	-	1.00	0.70	0.56	-
	1600	ΔT	18	17	13	-	18	16	13	-	19	17	13	-	18	16	13	-	18	16	13	-	19	17	14	-
		KW	2.74	2.74	2.73	-	3.07	3.06	3.06	-	3.43	3.43	3.43	-	3.83	3.83	3.82	-	4.27	4.27	4.26	-	4.79	4.79	4.78	-
		Amps	10.3	10.3	10.3	-	11.8	11.8	11.8	-	13.5	13.5	13.5	-	15.3	15.3	15.3	-	17.4	17.4	17.3	-	19.7	19.7	19.7	-
1660	Hi PR	244	245	247	-	282	283	285	-	322	323	325	-	365	366	368	-	412	413	414	-	461	462	464	-	
	Lo PR	121	122	125	-	128	129	132	-	134	136	139	-	139	141	144	-	145	146	149	-	151	153	156	-	
	MBh	47.4	48.1	49.5	-	47.0	47.7	49.1	-	45.8	46.5	47.9	-	43.7	44.4	45.8	-	41.2	41.9	43.2	-	38.9	39.5	40.9	-	
1700	S/T	0.68	0.60	0.47	-	0.68	0.61	0.48	-	0.71	0.63	0.50	-	0.73	0.65	0.52	-	1.00	0.67	0.54	-	1.00	0.72	0.59	-	
	ΔT	18	16	12	-	18	16	12	-	18	16	13	-	18	16	12	-	17	15	12	-	18	17	13	-	
	KW	2.75	2.75	2.74	-	3.08	3.08	3.07	-	3.44	3.44	3.44	-	3.84	3.84	3.83	-	4.28	4.28	4.28	-	4.80	4.80	4.80	-	
1760	Amps	10.4	10.4	10.4	-	11.9	11.9	11.9	-	13.6	13.6	13.5	-	15.4	15.4	15.4	-	17.4	17.4	17.4	-	19.8	19.8	19.8	-	
	Hi PR	246	247	248	-	284	285	286	-	324	325	326	-	367	368	370	-	413	414	416	-	463	464	466	-	
	Lo PR	122	123	127	-	129	131	134	-	136	137	140	-	141	142	145	-	146	148	151	-	153	154	157	-	

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

Shaded area is ACCA (TVA) conditions.

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

EXPANDED COOLING DATA — DZ4SEA4830A * + AMST48CU1400A * (CONT.)

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	MBh	47.0	47.6	49.0	51.1	46.5	47.2	48.6	50.7	45.3	46.0	47.4	49.5	43.3	43.9	45.3	47.4	40.7	41.4	42.7	44.9	38.4	39.0	40.4	42.5
	S/T	0.88	0.81	0.67	0.54	1.00	0.81	0.68	0.54	1.00	0.84	0.71	0.57	1.00	0.86	0.72	0.58	1.00	1.00	0.75	0.61	1.00	1.00	0.80	0.66
	ΔT	27	25	21	18	27	25	21	18	26	25	22	18	26	25	21	18	26	24	21	18	27	26	22	19
	KW	2.73	2.73	2.72	2.75	3.06	3.06	3.05	3.08	3.43	3.43	3.42	3.44	3.82	3.82	3.82	3.84	4.27	4.26	4.26	4.28	4.79	4.78	4.78	4.80
	Amps	10.3	10.3	10.3	10.4	11.8	11.8	11.8	11.9	13.5	13.5	13.5	13.6	15.3	15.3	15.3	15.4	17.3	17.3	17.3	17.4	19.7	19.7	19.7	19.8
	Hi PR	244	245	247	251	282	283	285	289	322	323	325	329	365	366	368	372	412	413	414	419	461	462	464	468
	Lo PR	121	122	125	130	128	129	132	137	134	136	139	144	139	141	144	149	145	146	149	154	151	153	156	161
	MBh	47.2	47.8	49.2	51.3	46.8	47.4	48.8	50.9	45.5	46.2	47.6	49.7	43.5	44.1	45.5	47.6	40.9	41.6	43.0	45.1	38.6	39.3	40.6	42.8
	S/T	0.90	0.82	0.69	0.55	1.00	0.83	0.70	0.56	1.00	0.85	0.72	0.58	1.00	0.87	0.74	0.60	1.00	1.00	0.76	0.62	1.00	1.00	0.81	0.67
	ΔT	26	24	21	18	26	24	21	18	26	25	21	18	26	24	21	18	26	24	21	17	27	25	22	18
KW	2.74	2.74	2.73	2.76	3.07	3.06	3.06	3.08	3.43	3.43	3.42	3.45	3.83	3.83	3.82	3.85	4.27	4.27	4.26	4.29	4.79	4.79	4.78	4.81	
Amps	10.3	10.3	10.3	10.4	11.8	11.8	11.8	11.9	13.5	13.5	13.5	13.6	15.3	15.3	15.3	15.4	17.4	17.4	17.3	17.4	19.7	19.7	19.7	19.8	
Hi PR	245	246	247	252	283	284	286	290	323	324	326	330	366	367	369	373	412	413	415	419	462	463	465	469	
Lo PR	121	123	126	131	128	130	133	138	135	136	139	144	140	141	145	150	145	147	150	155	152	153	156	161	
MBh	47.7	48.4	49.8	51.9	47.3	48.0	49.3	51.4	46.1	46.7	48.1	50.2	44.0	44.7	46.0	48.2	41.5	42.1	43.5	45.6	39.1	39.8	41.2	43.3	
S/T	1.00	0.85	0.72	0.58	1.00	0.86	0.72	0.58	1.00	0.88	0.75	0.61	1.00	0.90	0.77	0.63	1.00	1.00	0.79	0.65	1.00	1.00	0.84	0.70	
ΔT	26	24	20	17	25	24	20	17	26	24	21	17	25	24	20	17	25	23	20	17	26	25	21	18	
KW	2.75	2.75	2.74	2.77	3.08	3.07	3.07	3.09	3.44	3.44	3.44	3.46	3.84	3.84	3.83	3.86	4.28	4.28	4.28	4.30	4.80	4.80	4.80	4.82	
Amps	10.4	10.4	10.4	10.5	11.9	11.9	11.9	12.0	13.6	13.6	13.5	13.7	15.4	15.4	15.4	15.5	17.4	17.4	17.4	17.5	19.8	19.8	19.8	19.9	
Hi PR	246	247	249	253	284	285	287	291	324	325	327	331	367	368	370	374	414	415	417	421	463	464	466	470	
Lo PR	123	124	127	132	130	131	134	139	136	138	141	146	141	143	146	151	147	148	151	156	153	155	158	163	
MBh	47.9	48.6	50.0	52.1	47.5	48.2	49.6	51.7	46.3	47.0	48.4	50.5	44.2	44.9	46.3	48.4	41.7	42.4	43.7	45.9	39.4	40.0	41.4	43.5	
S/T	1.00	0.92	0.79	0.7	1.00	0.93	0.80	0.7	1.00	1.00	0.82	0.7	1.00	1.00	0.84	0.7	1.00	1.00	0.86	0.7	1.00	1.00	0.91	0.8	
ΔT	30	28	25	21	30	28	25	21	30	28	25	21	30	28	25	21	29	28	24	21	31	29	25	22	
KW	2.74	2.74	2.74	2.8	3.07	3.06	3.06	3.1	3.44	3.44	3.43	3.5	3.84	3.83	3.83	3.9	4.28	4.28	4.27	4.3	4.80	4.80	4.79	4.8	
Amps	10.4	10.4	10.3	10.4	11.9	11.9	11.8	12.0	13.6	13.5	13.5	13.6	15.4	15.4	15.3	15.4	17.4	17.4	17.4	17.5	19.8	19.8	19.7	19.9	
Hi PR	246	247	249	253	284	285	287	291	324	325	327	331	367	368	370	374	413	415	416	420	462	463	465	469	
Lo PR	123	124	127	132	130	132	135	140	136	138	141	146	142	143	146	151	147	149	152	157	154	155	158	163	
MBh	48.5	49.1	50.5	52.6	48.1	48.7	50.1	52.2	46.9	47.5	48.9	51.0	44.8	45.4	46.8	48.9	42.2	42.9	44.3	46.4	39.9	40.6	42.0	44.1	
S/T	1.00	0.95	0.82	0.7	1.00	0.96	0.82	0.7	1.00	1.00	0.85	0.7	1.00	1.00	0.87	0.7	1.00	1.00	0.89	0.7	1.00	1.00	0.91	0.8	
ΔT	29	27	24	20	29	27	24	20	29	27	24	21	29	27	24	20	29	27	24	20	30	28	25	21	
KW	2.76	2.75	2.75	2.8	3.08	3.08	3.08	3.1	3.45	3.45	3.44	3.5	3.85	3.84	3.84	3.9	4.29	4.29	4.28	4.3	4.81	4.81	4.80	4.8	
Amps	10.4	10.4	10.4	10.5	11.9	11.9	11.9	12.0	13.6	13.6	13.6	13.7	15.4	15.4	15.4	15.5	17.4	17.4	17.4	17.5	19.8	19.8	19.8	19.9	
Hi PR	247	248	250	254	285	287	288	292	325	327	328	332	369	370	371	376	415	416	418	422	465	466	467	472	
Lo PR	124	126	129	134	132	133	136	141	138	139	142	147	143	145	148	153	149	150	153	158	155	157	160	165	

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 — DZ4SEA4840A* + AMST48CU1400A*

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	
70	1400	MBh	46.7	47.3	48.7	-	46.3	46.9	48.3	-	45.1	45.7	47.1	-	43.0	43.6	45.0	-	40.4	41.1	42.5	-	38.1	38.8	40.2	-
		S/T	0.63	0.56	0.43	-	0.64	0.56	0.43	-	0.66	0.59	0.46	-	0.68	0.61	0.48	-	1.00	0.63	0.50	-	1.00	0.68	0.55	-
		ΔT	19	17	14	-	19	17	13	-	19	17	14	-	19	17	13	-	18	17	13	-	19	18	14	-
		kW	2.73	2.73	2.73	-	3.06	3.06	3.05	-	3.43	3.43	3.42	-	3.82	3.82	3.82	-	4.27	4.27	4.26	-	4.79	4.79	4.78	-
		Amps	10.3	10.3	10.3	-	11.8	11.8	11.8	-	13.5	13.5	13.5	-	15.3	15.3	15.3	-	17.3	17.3	17.3	-	19.7	19.7	19.7	-
	1460	Hi PR	243	244	246	-	282	283	284	-	322	323	324	-	365	366	367	-	411	412	414	-	461	462	463	-
		Lo PR	120	121	124	-	127	129	132	-	134	135	138	-	139	140	143	-	144	146	149	-	151	152	155	-
		MBh	46.9	47.6	48.9	-	46.5	47.1	48.5	-	45.3	45.9	47.3	-	43.2	43.9	45.2	-	40.7	41.3	42.7	-	38.3	39.0	40.4	-
		S/T	0.65	0.57	0.44	-	0.66	0.58	0.45	-	0.68	0.61	0.47	-	0.70	0.62	0.49	-	1.00	0.65	0.51	-	1.00	0.70	0.56	-
		ΔT	18	17	13	-	18	16	13	-	19	17	13	-	18	16	13	-	18	16	13	-	19	17	14	-
1600	kW	2.74	2.74	2.73	-	3.07	3.06	3.06	-	3.43	3.43	3.43	-	3.83	3.83	3.82	-	4.27	4.27	4.26	-	4.79	4.79	4.78	-	
	Amps	10.3	10.3	10.3	-	11.8	11.8	11.8	-	13.5	13.5	13.5	-	15.3	15.3	15.3	-	17.4	17.4	17.3	-	19.7	19.7	19.7	-	
	Hi PR	244	245	247	-	282	283	285	-	322	323	325	-	365	366	368	-	412	413	414	-	461	462	464	-	
	Lo PR	121	122	125	-	128	129	132	-	134	136	139	-	139	141	144	-	145	146	149	-	151	153	156	-	
	MBh	47.4	48.1	49.5	-	47.0	47.7	49.1	-	45.8	46.5	47.9	-	43.7	44.4	45.8	-	41.2	41.9	43.2	-	38.9	39.5	40.9	-	
75	1400	S/T	0.68	0.60	0.47	-	0.68	0.61	0.48	-	0.71	0.63	0.50	-	0.73	0.65	0.52	-	1.00	0.67	0.54	-	1.00	0.72	0.59	-
		ΔT	18	16	12	-	18	16	12	-	18	16	13	-	18	16	12	-	17	15	12	-	18	17	13	-
		kW	2.75	2.75	2.74	-	3.08	3.08	3.07	-	3.44	3.44	3.44	-	3.84	3.84	3.83	-	4.28	4.28	4.28	-	4.80	4.80	4.80	-
		Amps	10.4	10.4	10.4	-	11.9	11.9	11.9	-	13.6	13.6	13.5	-	15.4	15.4	15.4	-	17.4	17.4	17.4	-	19.8	19.8	19.8	-
		Hi PR	246	247	248	-	284	285	286	-	324	325	326	-	367	368	370	-	413	414	416	-	463	464	466	-
	1460	Lo PR	122	123	127	-	129	131	134	-	136	137	140	-	141	142	145	-	146	148	151	-	153	154	157	-
		MBh	46.7	47.4	48.8	50.9	46.3	47.0	48.3	50.4	45.1	45.7	47.1	49.2	43.0	43.7	45.0	47.2	40.5	41.1	42.5	44.6	38.1	38.8	40.2	42.3
		S/T	0.76	0.68	0.55	0.41	0.76	0.69	0.56	0.42	1.00	0.72	0.58	0.44	1.00	0.73	0.60	0.46	1.00	0.76	0.62	0.48	1.00	0.81	0.67	0.53
		ΔT	23	21	17	14	23	21	17	14	23	21	18	14	23	21	17	14	22	20	17	14	23	22	18	15
		kW	2.73	2.73	2.72	2.75	3.06	3.06	3.05	3.08	3.43	3.42	3.42	3.44	3.82	3.82	3.81	3.84	4.27	4.26	4.26	4.28	4.79	4.78	4.78	4.80
1600	Amps	10.3	10.3	10.3	10.4	11.8	11.8	11.8	11.9	13.5	13.5	13.6	13.6	15.3	15.3	15.3	15.4	17.3	17.3	17.3	17.4	19.7	19.7	19.7	19.8	
	Hi PR	244	245	246	251	282	283	284	289	322	323	324	329	365	366	368	372	411	412	414	418	461	462	464	468	
	Lo PR	120	121	124	130	127	129	132	137	134	135	138	143	139	140	143	148	144	146	149	154	151	152	155	160	
	MBh	46.9	47.6	49.0	51.1	46.5	47.2	48.5	50.7	45.3	46.0	47.3	49.5	43.2	43.9	45.3	47.4	40.7	41.3	42.7	44.8	38.4	39.0	40.4	42.5	
	S/T	0.77	0.70	0.57	0.43	0.78	0.71	0.57	0.44	1.00	0.73	0.60	0.46	1.00	0.75	0.62	0.48	1.00	0.77	0.64	0.50	1.00	0.82	0.69	0.55	
75	1460	ΔT	22	20	17	14	22	20	17	14	22	21	17	14	22	20	17	14	22	20	17	13	23	21	18	14
		kW	2.74	2.73	2.73	2.75	3.06	3.06	3.06	3.08	3.43	3.43	3.42	3.45	3.83	3.82	3.84	4.27	4.27	4.26	4.29	4.79	4.79	4.78	4.81	
		Amps	10.3	10.3	10.3	10.4	11.8	11.8	11.8	11.9	13.5	13.5	13.5	13.6	15.3	15.3	15.3	15.4	17.4	17.3	17.3	17.4	19.7	19.7	19.7	19.8
		Hi PR	244	245	247	251	282	283	285	289	322	323	325	329	365	366	368	372	412	413	415	419	461	462	464	468
		Lo PR	121	122	125	130	128	129	132	137	134	136	139	144	139	141	144	149	145	146	149	154	151	153	156	161
	1600	MBh	47.5	48.1	49.5	51.6	47.1	47.7	49.1	51.2	45.9	46.5	47.9	50.0	43.8	44.4	45.8	47.9	41.2	41.9	43.3	45.4	38.9	39.6	40.9	43.1
		S/T	0.80	0.73	0.60	0.46	0.81	0.73	0.60	0.46	1.00	0.76	0.63	0.49	1.00	0.78	0.65	0.51	1.00	0.80	0.67	0.53	1.00	0.85	0.72	0.58
		ΔT	22	20	16	13	21	20	16	13	22	20	17	13	21	20	16	13	21	19	16	13	22	21	17	14
		kW	2.75	2.74	2.74	2.76	3.08	3.07	3.07	3.09	3.44	3.44	3.43	3.46	3.84	3.84	3.83	3.86	4.28	4.28	4.27	4.30	4.80	4.80	4.79	4.82
		Amps	10.4	10.4	10.3	10.5	11.9	11.9	11.9	12.0	13.6	13.6	13.5	13.6	15.4	15.4	15.3	15.5	17.4	17.4	17.4	17.5	19.8	19.8	19.8	19.9
1600	Hi PR	246	247	248	253	284	285	287	291	324	325	327	331	367	368	370	374	413	414	416	420	463	464	466	470	
	Lo PR	122	124	127	132	129	131	134	139	136	137	140	145	141	142	145	151	146	148	151	156	153	154	157	162	

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 — DZ4SEA4840A* + AMST48CU1400A* (CONT.)

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	
80	1400	MBh	47.0	47.6	49.0	51.1	46.5	47.2	48.6	50.7	45.3	46.0	47.4	49.5	43.3	43.9	45.3	47.4	40.7	41.4	42.7	44.9	38.4	39.0	40.4	42.5
		S/T	0.88	0.81	0.67	0.54	1.00	0.81	0.68	0.54	1.00	0.84	0.71	0.57	1.00	0.86	0.72	0.58	1.00	1.00	0.75	0.61	1.00	1.00	0.80	0.66
		ΔT	27	25	21	18	27	25	22	18	26	25	22	18	26	25	21	18	26	24	21	18	27	26	22	19
		kW	2.73	2.73	2.72	2.75	3.06	3.06	3.05	3.08	3.43	3.43	3.42	3.44	3.82	3.82	3.82	3.84	4.27	4.26	4.26	4.28	4.79	4.78	4.78	4.80
		Amps	10.3	10.3	10.3	10.4	11.8	11.8	11.8	11.9	13.5	13.5	13.5	13.6	15.3	15.3	15.3	15.4	17.3	17.3	17.3	17.4	19.7	19.7	19.7	19.8
	Hi PR	244	245	247	251	282	283	285	289	322	323	325	329	365	366	368	372	412	413	414	419	461	462	464	468	
	Lo PR	121	122	125	130	128	129	132	137	134	136	139	144	139	141	144	149	145	146	149	154	151	153	156	161	
	1460	MBh	47.2	47.8	49.2	51.3	46.8	47.4	48.8	50.9	45.5	46.2	47.6	49.7	43.5	44.1	45.5	47.6	40.9	41.6	43.0	45.1	38.6	39.3	40.6	42.8
		S/T	0.90	0.82	0.69	0.55	1.00	0.83	0.70	0.56	1.00	0.85	0.72	0.58	1.00	0.87	0.74	0.60	1.00	1.00	0.76	0.62	1.00	1.00	0.81	0.67
		ΔT	26	24	21	18	26	24	21	18	26	25	21	18	26	24	21	18	26	24	21	17	27	25	22	18
kW		2.74	2.74	2.73	2.76	3.07	3.06	3.06	3.08	3.43	3.43	3.42	3.45	3.83	3.83	3.83	3.85	4.27	4.27	4.26	4.29	4.79	4.79	4.78	4.81	
Amps		10.3	10.3	10.3	10.4	11.8	11.8	11.8	11.9	13.5	13.5	13.5	13.6	15.3	15.3	15.3	15.4	17.4	17.4	17.3	17.4	19.7	19.7	19.7	19.8	
Hi PR	245	246	247	252	283	284	286	290	323	324	326	330	366	367	369	373	412	413	415	419	462	463	465	469		
Lo PR	121	123	126	131	128	130	133	138	135	136	139	144	140	141	145	150	145	147	150	155	152	153	156	161		
1600	MBh	47.7	48.4	49.8	51.9	47.3	48.0	49.3	51.4	46.1	46.7	48.1	50.2	44.0	44.7	46.0	48.2	41.5	42.1	43.5	45.6	39.1	39.8	41.2	43.3	
	S/T	1.00	0.85	0.72	0.58	1.00	0.86	0.72	0.58	1.00	0.88	0.75	0.61	1.00	0.90	0.77	0.63	1.00	1.00	0.79	0.65	1.00	1.00	0.84	0.70	
	ΔT	26	24	20	17	26	24	20	17	26	24	21	17	25	24	20	17	25	23	20	17	26	25	21	18	
	kW	2.75	2.75	2.74	2.77	3.08	3.07	3.07	3.09	3.44	3.44	3.44	3.46	3.84	3.84	3.83	3.86	4.28	4.28	4.28	4.30	4.80	4.80	4.80	4.82	
	Amps	10.4	10.4	10.4	10.5	11.9	11.9	11.9	12.0	13.6	13.6	13.5	13.7	15.4	15.4	15.4	15.5	17.4	17.4	17.4	17.5	19.8	19.8	19.8	19.9	
Hi PR	246	247	249	253	284	285	287	291	324	325	327	331	367	368	370	374	414	415	417	421	463	464	466	470		
Lo PR	123	124	127	132	130	131	134	139	136	138	141	146	141	143	146	151	147	148	151	156	153	155	158	163		
85	1400	MBh	47.7	48.4	49.8	51.9	47.3	48.0	49.4	51.5	46.1	46.8	48.1	50.3	44.0	44.7	46.1	48.2	41.5	42.1	43.5	45.6	39.2	39.8	41.2	43.3
		S/T	1.00	0.91	0.77	0.6	1.00	0.91	0.78	0.6	1.00	0.93	0.80	0.7	1.00	0.95	0.82	0.7	1.00	1.00	0.84	0.7	1.00	1.00	0.89	0.8
		ΔT	30	28	25	21	30	28	25	21	30	28	25	22	30	28	25	21	30	28	25	21	31	29	26	22
		kW	2.74	2.74	2.73	2.8	3.07	3.06	3.06	3.1	3.43	3.43	3.43	3.5	3.83	3.83	3.82	3.8	4.27	4.27	4.27	4.3	4.79	4.79	4.79	4.8
		Amps	10.3	10.3	10.3	10.4	11.9	11.8	11.8	11.9	13.5	13.5	13.5	13.6	15.3	15.3	15.3	15.4	17.4	17.4	17.3	17.4	19.8	19.7	19.7	19.8
	Hi PR	245	246	248	252	283	284	286	290	323	324	326	330	366	367	369	373	413	414	416	420	462	463	465	469	
	Lo PR	122	124	127	132	130	131	134	139	136	137	140	145	141	143	146	151	146	148	151	156	153	155	158	163	
	1460	MBh	47.9	48.6	50.0	52.1	47.5	48.2	49.6	51.7	46.3	47.0	48.4	50.5	44.2	44.9	46.3	48.4	41.7	42.4	43.7	45.9	39.4	40.0	41.4	43.5
		S/T	1.00	0.92	0.79	0.7	1.00	0.93	0.80	0.7	1.00	0.95	0.82	0.7	1.00	0.97	0.84	0.7	1.00	1.00	0.86	0.7	1.00	1.00	0.91	0.8
		ΔT	30	28	25	21	30	28	25	21	30	28	25	21	30	28	25	21	29	28	24	21	31	29	25	22
kW		2.74	2.74	2.74	2.8	3.07	3.07	3.06	3.1	3.44	3.44	3.43	3.5	3.84	3.83	3.83	3.9	4.28	4.28	4.27	4.3	4.80	4.80	4.79	4.8	
Amps		10.4	10.4	10.3	10.5	11.9	11.9	11.8	12.0	13.6	13.5	13.5	13.6	15.4	15.4	15.3	15.4	17.4	17.4	17.4	17.5	19.8	19.8	19.7	19.9	
Hi PR	246	247	249	253	284	285	287	291	324	325	327	331	367	368	370	374	413	415	416	420	463	464	466	470		
Lo PR	123	124	127	132	130	132	135	140	136	138	141	146	142	143	146	151	147	149	152	157	154	155	158	163		
1600	MBh	48.5	49.1	50.5	52.6	48.1	48.7	50.1	52.2	46.9	47.5	48.9	51.0	44.8	45.4	46.8	48.9	42.2	42.9	44.3	46.4	39.9	40.6	42.0	44.1	
	S/T	1.00	0.95	0.82	0.7	1.00	0.96	0.82	0.7	1.00	0.98	0.85	0.7	1.00	1.00	0.87	0.7	1.00	1.00	0.89	0.7	1.00	1.00	0.91	0.8	
	ΔT	29	27	24	20	29	27	24	20	29	27	24	21	29	27	24	20	29	27	24	20	30	28	25	21	
	kW	2.76	2.75	2.75	2.8	3.08	3.08	3.08	3.1	3.45	3.45	3.44	3.5	3.85	3.84	3.84	3.9	4.29	4.29	4.28	4.3	4.81	4.81	4.80	4.8	
	Amps	10.4	10.4	10.4	10.5	11.9	11.9	11.9	12.0	13.6	13.6	13.6	13.7	15.4	15.4	15.4	15.5	17.4	17.4	17.4	17.5	19.8	19.8	19.8	19.9	
Hi PR	247	248	250	254	285	287	288	292	325	327	328	332	369	370	371	376	415	416	418	422	465	466	467	472		
Lo PR	124	126	129	134	132	133	136	141	138	139	142	147	143	145	148	153	149	150	153	158	155	157	160	165		

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 — DZ4SEA6030A* + AMST60DU1400A*

IDB	AIRFLOW	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
70	MBh	56.4	57.2	58.8	-	55.9	56.7	58.3	-	54.4	55.2	56.9	-	51.9	52.7	54.4	-	48.8	49.6	51.3	-	46.0	46.8	48.5	-
	S/T	0.65	0.57	0.43	-	0.65	0.58	0.44	-	0.68	0.60	0.47	-	0.70	0.62	0.49	-	0.72	0.64	0.51	-	1.00	0.69	0.56	-
	ΔT	18	17	13	-	18	17	13	-	19	17	14	-	18	17	13	-	18	16	13	-	19	17	14	-
	kW	3.41	3.41	3.40	-	3.83	3.83	3.82	-	4.31	4.31	4.30	-	4.82	4.82	4.81	-	5.40	5.40	5.39	-	6.07	6.07	6.06	-
	Amps	12.9	12.9	12.9	-	14.9	14.9	14.8	-	17.1	17.0	17.0	-	19.4	19.4	19.4	-	22.0	22.0	22.0	-	25.1	25.1	25.1	-
	Hi PR	258	259	261	-	298	299	301	-	340	342	343	-	386	387	389	-	435	436	438	-	488	489	491	-
	Lo PR	116	117	120	-	123	124	127	-	129	130	133	-	134	135	138	-	139	141	143	-	145	147	150	-
	MBh	56.7	57.5	59.2	-	56.2	57.0	58.7	-	54.7	55.5	57.2	-	52.2	53.0	54.7	-	49.1	49.9	51.6	-	46.3	47.1	48.8	-
	S/T	0.67	0.59	0.45	-	0.67	0.60	0.46	-	0.70	0.62	0.49	-	0.72	0.64	0.51	-	0.74	0.66	0.53	-	1.00	0.71	0.58	-
	ΔT	18	16	13	-	18	16	13	-	18	16	13	-	18	16	13	-	18	16	13	-	19	17	14	-
kW	3.42	3.41	3.41	-	3.84	3.84	3.83	-	4.32	4.31	4.31	-	4.83	4.83	4.82	-	5.41	5.40	5.40	-	6.08	6.08	6.07	-	
Amps	13.0	12.9	12.9	-	14.9	14.9	14.9	-	17.1	17.1	17.0	-	19.4	19.4	19.4	-	22.1	22.1	22.0	-	25.2	25.1	25.1	-	
Hi PR	258	260	261	-	299	300	302	-	341	342	344	-	387	388	390	-	436	437	439	-	489	490	492	-	
Lo PR	116	118	121	-	123	125	128	-	130	131	134	-	135	136	139	-	140	141	144	-	146	148	150	-	
MBh	57.0	57.8	59.4	-	56.5	57.3	58.9	-	55.0	55.8	57.5	-	52.5	53.3	55.0	-	49.4	50.2	51.9	-	46.6	47.4	49.1	-	
S/T	0.68	0.60	0.47	-	0.69	0.61	0.48	-	0.71	0.64	0.50	-	0.73	0.66	0.52	-	0.75	0.68	0.54	-	1.00	0.73	0.59	-	
ΔT	18	16	13	-	18	16	13	-	18	16	13	-	18	16	13	-	17	16	12	-	18	17	13	-	
kW	3.42	3.42	3.41	-	3.85	3.85	3.84	-	4.32	4.32	4.31	-	4.84	4.84	4.83	-	5.41	5.41	5.40	-	6.09	6.08	6.08	-	
Amps	13.0	13.0	12.9	-	14.9	14.9	14.9	-	17.1	17.1	17.1	-	19.5	19.5	19.4	-	22.1	22.1	22.1	-	25.2	25.2	25.1	-	
Hi PR	259	260	262	-	300	301	303	-	342	343	345	-	388	389	391	-	437	438	440	-	489	490	492	-	
Lo PR	117	118	121	-	124	125	128	-	130	132	134	-	135	137	140	-	140	142	145	-	147	148	151	-	
75	MBh	56.4	57.2	58.9	61.4	55.9	56.7	58.4	60.9	54.5	55.2	56.9	59.5	51.9	52.7	54.4	57.0	48.9	49.7	51.3	53.9	46.1	46.9	48.5	51.1
	S/T	0.78	0.70	0.56	0.42	0.78	0.71	0.57	0.43	0.81	0.73	0.60	0.45	1.00	0.75	0.61	0.47	1.00	0.77	0.64	0.49	1.00	0.82	0.69	0.55
	ΔT	22	20	17	14	22	20	17	14	22	21	17	14	22	20	17	14	22	20	17	13	23	21	18	15
	kW	3.41	3.40	3.39	3.43	3.83	3.83	3.82	3.85	4.31	4.30	4.30	4.33	4.82	4.82	4.81	4.84	5.40	5.39	5.39	5.42	6.07	6.07	6.06	6.09
	Amps	12.9	12.9	12.9	13.0	14.9	14.8	14.8	15.0	17.0	17.0	17.0	17.1	19.4	19.4	19.3	19.5	22.0	22.0	22.0	22.1	25.1	25.1	25.1	25.2
	Hi PR	258	259	261	265	298	299	301	306	341	342	344	348	386	387	389	394	436	437	438	443	488	489	491	495
	Lo PR	116	117	120	125	123	124	127	132	129	130	133	138	134	135	138	143	139	141	143	148	145	147	150	155
	MBh	56.7	57.5	59.2	61.7	56.2	57.0	58.7	61.2	54.8	55.6	57.2	59.8	52.2	53.0	54.7	57.3	49.2	50.0	51.6	54.2	46.4	47.2	48.8	51.4
	S/T	0.80	0.72	0.58	0.44	0.80	0.73	0.59	0.45	0.83	0.75	0.62	0.47	1.00	0.77	0.63	0.49	1.00	0.79	0.66	0.51	1.00	0.84	0.71	0.57
	ΔT	22	20	17	13	22	20	17	13	22	20	17	14	22	20	17	13	22	20	17	13	23	21	18	14
kW	3.41	3.41	3.40	3.44	3.84	3.84	3.83	3.86	4.31	4.31	4.30	4.34	4.83	4.83	4.82	4.85	5.40	5.40	5.39	5.43	6.08	6.08	6.07	6.10	
Amps	13.0	12.9	12.9	13.1	14.9	14.9	14.9	15.0	17.1	17.1	17.0	17.2	19.4	19.4	19.4	19.5	22.1	22.0	22.0	22.2	25.1	25.1	25.1	25.2	
Hi PR	259	260	262	266	299	300	302	307	342	343	344	349	387	388	390	395	436	437	439	444	489	490	492	496	
Lo PR	116	118	121	126	123	125	128	133	130	131	134	139	135	136	139	144	140	141	144	149	146	148	150	155	
MBh	57.0	57.8	59.5	62.0	56.5	57.3	59.0	61.5	55.1	55.8	57.5	60.1	52.5	53.3	55.0	57.6	49.5	50.3	51.9	54.5	46.7	47.4	49.1	51.7	
S/T	0.81	0.73	0.60	0.46	0.82	0.74	0.60	0.46	0.84	0.77	0.63	0.49	1.00	0.78	0.65	0.51	1.00	0.81	0.67	0.53	1.00	0.86	0.72	0.58	
ΔT	22	20	16	13	21	20	16	13	22	20	17	13	21	20	16	13	21	19	16	13	22	21	17	14	
kW	3.42	3.42	3.41	3.44	3.85	3.84	3.84	3.87	4.32	4.32	4.31	4.34	4.84	4.83	4.83	4.86	5.41	5.41	5.40	5.43	6.09	6.08	6.07	6.11	
Amps	13.0	13.0	12.9	13.1	14.9	14.9	14.9	15.0	17.1	17.1	17.1	17.2	19.5	19.4	19.4	19.6	22.1	22.0	22.0	22.2	25.2	25.2	25.1	25.3	
Hi PR	259	261	262	267	300	301	303	307	342	343	345	350	388	389	391	395	437	438	440	444	490	491	492	497	
Lo PR	117	119	121	126	124	125	128	133	130	132	135	139	135	137	140	145	140	142	145	150	147	148	151	156	

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 — DZ4SEA6030A* + AMST60DU1400A* (CONT.)

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		
80	1750	MBh	56.7	57.5	59.2	61.7	56.2	57.0	58.7	61.2	54.7	55.5	57.2	59.8	52.2	53.0	54.7	57.2	49.2	50.0	51.6	54.2	46.4	47.1	48.8	51.4	
		S/T	0.90	0.83	0.69	0.55	1.00	0.83	0.70	0.55	1.00	0.86	0.72	0.58	1.00	0.88	0.74	0.60	1.00	0.90	0.76	0.62	1.00	1.00	1.00	0.81	0.67
		ΔT	26	24	21	18	26	24	21	18	26	25	21	18	26	24	21	18	26	24	21	17	27	25	22	18	
		kW	3.41	3.40	3.40	3.43	3.83	3.83	3.82	3.86	4.31	4.31	4.30	4.33	4.82	4.82	4.81	4.85	5.40	5.39	5.39	5.42	6.07	6.07	6.06	6.09	
		Amps	12.9	12.9	12.9	13.0	14.9	14.9	14.8	15.0	17.0	17.0	17.0	17.1	19.4	19.4	19.4	19.5	22.0	22.0	22.0	22.1	25.1	25.1	25.1	25.2	
	Hi PR	258	259	261	266	299	300	302	306	341	342	344	349	387	388	390	394	436	437	439	443	488	490	491	496		
	Lo PR	116	118	121	126	123	125	128	132	129	131	134	139	135	136	139	144	140	141	144	149	146	147	150	155		
	1840	MBh	57.0	57.8	59.5	62.0	56.5	57.3	59.0	61.5	55.1	55.8	57.5	60.1	52.5	53.3	55.0	57.6	49.5	50.3	51.9	54.5	46.7	47.5	49.1	51.7	
		S/T	0.92	0.85	0.71	0.57	1.00	0.85	0.72	0.57	1.00	0.88	0.74	0.60	1.00	0.90	0.76	0.62	1.00	0.92	0.78	0.64	1.00	1.00	0.83	0.69	
		ΔT	26	24	21	17	26	24	21	17	26	24	21	18	26	24	21	17	25	24	20	17	27	25	22	18	
kW		3.42	3.41	3.41	3.44	3.84	3.84	3.83	3.86	4.32	4.31	4.31	4.34	4.83	4.83	4.82	4.85	5.41	5.40	5.40	5.43	6.08	6.08	6.08	6.10		
Amps		13.0	12.9	12.9	13.1	14.9	14.9	14.9	15.0	17.1	17.1	17.0	17.2	19.4	19.4	19.4	19.5	22.1	22.1	22.0	22.2	25.2	25.1	25.1	25.3		
Hi PR	259	260	262	267	300	301	303	307	342	343	345	349	388	389	391	395	437	438	440	444	489	490	492	497			
Lo PR	117	118	121	126	124	125	128	133	130	131	134	139	135	137	140	144	140	142	145	150	147	148	151	156			
1920	MBh	57.3	58.1	59.8	62.3	56.8	57.6	59.3	61.8	55.3	56.1	57.8	60.4	52.8	53.6	55.3	57.8	49.8	50.5	52.2	54.8	46.9	47.7	49.4	52.0		
	S/T	0.94	0.86	0.72	0.58	1.00	0.87	0.73	0.59	1.00	0.89	0.76	0.61	1.00	0.91	0.77	0.63	1.00	0.93	0.80	0.65	1.00	1.00	0.85	0.71		
	ΔT	25	24	20	17	25	24	20	17	26	24	21	17	25	24	20	17	25	23	20	17	26	24	21	18		
	kW	3.42	3.42	3.41	3.44	3.85	3.85	3.84	3.87	4.32	4.32	4.31	4.35	4.84	4.84	4.83	4.86	5.41	5.41	5.40	5.44	6.09	6.08	6.08	6.11		
	Amps	13.0	13.0	12.9	13.1	14.9	14.9	14.9	15.0	17.1	17.1	17.1	17.2	19.5	19.5	19.4	19.6	22.1	22.1	22.1	22.2	25.2	25.2	25.1	25.3		
Hi PR	260	261	262	267	300	301	303	308	343	344	346	350	388	389	391	396	438	439	440	445	490	491	493	497			
Lo PR	118	119	122	127	125	126	129	134	131	132	135	140	136	137	140	145	141	142	145	150	147	149	152	157			
85	1750	MBh	57.7	58.4	60.1	62.7	57.2	57.9	59.6	62.2	55.7	56.5	58.2	60.7	53.2	54.0	55.6	58.2	50.1	50.9	52.6	55.1	47.3	48.1	49.8	52.3	
		S/T	1.00	0.93	0.79	0.6	1.00	0.93	0.80	0.7	1.00	0.96	0.82	0.7	1.00	1.00	0.84	0.7	1.00	1.00	0.86	0.7	1.00	1.00	0.92	0.8	
		ΔT	30	28	25	21	30	28	25	21	30	28	25	21	30	28	24	21	29	28	24	21	30	29	25	22	
		kW	3.42	3.41	3.41	3.4	3.84	3.84	3.83	3.9	4.32	4.31	4.31	4.3	4.83	4.83	4.82	4.9	5.41	5.40	5.40	5.4	6.08	6.08	6.07	6.1	
		Amps	13.0	12.9	12.9	13.1	14.9	14.9	14.9	15.0	17.1	17.1	17.0	17.2	19.4	19.4	19.4	19.5	22.1	22.1	22.0	22.2	25.2	25.1	25.1	25.3	
	Hi PR	260	261	262	267	300	301	303	307	342	343	345	350	388	389	391	395	437	438	440	445	490	491	493	497		
	Lo PR	118	119	122	127	125	126	129	134	131	133	135	140	136	138	141	146	141	143	146	151	148	149	152	157		
	1840	MBh	58.0	58.7	60.4	63.0	57.5	58.2	59.9	62.5	56.0	56.8	58.5	61.0	53.5	54.3	55.9	58.5	50.4	51.2	52.9	55.4	47.6	48.4	50.1	52.6	
		S/T	1.00	0.95	0.81	0.7	1.00	0.95	0.82	0.7	1.00	0.98	0.84	0.7	1.00	1.00	0.86	0.7	1.00	1.00	0.88	0.7	1.00	1.00	0.94	0.8	
		ΔT	29	27	24	21	29	27	24	21	29	28	24	21	29	27	24	21	29	27	24	20	30	28	25	22	
kW		3.42	3.42	3.41	3.4	3.85	3.85	3.84	3.9	4.33	4.32	4.31	4.3	4.84	4.84	4.83	4.9	5.41	5.41	5.40	5.4	6.09	6.09	6.08	6.1		
Amps		13.0	13.0	12.9	13.1	14.9	14.9	14.9	15.0	17.1	17.1	17.1	17.2	19.5	19.5	19.4	19.6	22.1	22.1	22.1	22.2	25.2	25.2	25.1	25.3		
Hi PR	260	262	263	268	301	302	304	308	343	344	346	351	389	390	392	396	438	439	441	445	491	492	493	498			
Lo PR	119	120	123	128	126	127	130	135	132	133	136	141	137	138	141	146	142	143	146	151	148	150	153	158			
1920	MBh	58.2	59.0	60.7	63.3	57.7	58.5	60.2	62.8	56.3	57.1	58.7	61.3	53.8	54.6	56.2	58.8	50.7	51.5	53.2	55.7	47.9	48.7	50.4	52.9		
	S/T	1.00	0.96	0.83	0.7	1.00	0.97	0.83	0.7	1.00	0.99	0.86	0.7	1.00	1.00	0.88	0.7	1.00	1.00	0.90	0.8	1.00	1.00	0.95	0.8		
	ΔT	29	27	24	20	29	27	24	20	29	27	24	21	29	27	24	20	29	27	24	20	30	28	25	21		
	kW	3.43	3.43	3.42	3.5	3.86	3.85	3.85	3.9	4.33	4.33	4.32	4.4	4.85	4.84	4.84	4.9	5.42	5.42	5.41	5.4	6.10	6.09	6.09	6.1		
	Amps	13.0	13.0	13.0	13.1	15.0	15.0	14.9	15.1	17.2	17.1	17.1	17.3	19.5	19.5	19.5	19.6	22.1	22.1	22.1	22.2	25.2	25.2	25.2	25.3		
Hi PR	261	262	264	269	302	303	304	309	344	345	347	351	390	391	392	397	439	440	442	446	491	492	494	499			
Lo PR	119	121	124	129	126	128	131	136	132	134	137	142	138	139	142	147	143	144	147	152	149	150	153	158			

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 — DZ4SEA6040A* + AMST60DU1400A*

IDB	AIRFLOW	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
70	MBh	56.4	57.2	58.8	-	55.9	56.7	58.3	-	54.4	55.2	56.9	-	51.9	52.7	54.4	-	48.8	49.6	51.3	-	46.0	46.8	48.5	-
	S/T	0.65	0.57	0.43	-	0.65	0.58	0.44	-	0.68	0.60	0.47	-	0.70	0.62	0.49	-	0.72	0.64	0.51	-	1.00	0.69	0.56	-
	ΔT	18	17	13	-	18	17	13	-	19	17	14	-	18	17	13	-	18	16	13	-	19	17	14	-
	kW	3.41	3.41	3.40	-	3.83	3.83	3.82	-	4.31	4.31	4.30	-	4.82	4.82	4.81	-	5.40	5.40	5.39	-	6.07	6.07	6.06	-
	Amps	12.9	12.9	12.9	-	14.9	14.9	14.8	-	17.1	17.0	17.0	-	19.4	19.4	19.4	-	22.0	22.0	22.0	-	25.1	25.1	25.1	-
	Hi PR	258	259	261	-	298	299	301	-	340	342	343	-	386	387	389	-	435	436	438	-	488	489	491	-
	Lo PR	116	117	120	-	123	124	127	-	129	130	133	-	134	135	138	-	139	141	143	-	145	147	150	-
	MBh	56.7	57.5	59.2	-	56.2	57.0	58.7	-	54.7	55.5	57.2	-	52.2	53.0	54.7	-	49.1	49.9	51.6	-	46.3	47.1	48.8	-
	S/T	0.67	0.59	0.45	-	0.67	0.60	0.46	-	0.70	0.62	0.49	-	0.72	0.64	0.51	-	0.74	0.66	0.53	-	1.00	0.71	0.58	-
	ΔT	18	16	13	-	18	16	13	-	18	16	13	-	18	16	13	-	18	16	13	-	19	17	14	-
kW	3.42	3.41	3.41	-	3.84	3.84	3.83	-	4.32	4.31	4.31	-	4.83	4.83	4.82	-	5.41	5.40	5.40	-	6.08	6.08	6.07	-	
Amps	13.0	12.9	12.9	-	14.9	14.9	14.9	-	17.1	17.1	17.0	-	19.4	19.4	19.4	-	22.1	22.1	22.0	-	25.2	25.1	25.1	-	
Hi PR	258	260	261	-	299	300	302	-	341	342	344	-	387	388	390	-	436	437	439	-	489	490	492	-	
Lo PR	116	118	121	-	123	125	128	-	130	131	134	-	135	136	139	-	140	141	144	-	146	148	150	-	
MBh	57.0	57.8	59.4	-	56.5	57.3	58.9	-	55.0	55.8	57.5	-	52.5	53.3	55.0	-	49.4	50.2	51.9	-	46.6	47.4	49.1	-	
S/T	0.68	0.60	0.47	-	0.69	0.61	0.48	-	0.71	0.64	0.50	-	0.73	0.66	0.52	-	0.75	0.68	0.54	-	1.00	0.73	0.59	-	
ΔT	18	16	13	-	18	16	13	-	18	16	13	-	18	16	13	-	17	16	12	-	18	17	13	-	
kW	3.42	3.42	3.41	-	3.85	3.85	3.84	-	4.32	4.32	4.31	-	4.84	4.84	4.83	-	5.41	5.41	5.40	-	6.09	6.08	6.08	-	
Amps	13.0	13.0	12.9	-	14.9	14.9	14.9	-	17.1	17.1	17.1	-	19.5	19.5	19.4	-	22.1	22.1	22.1	-	25.2	25.2	25.1	-	
Hi PR	259	260	262	-	300	301	303	-	342	343	345	-	388	389	391	-	437	438	440	-	489	490	492	-	
Lo PR	117	118	121	-	124	125	128	-	130	132	134	-	135	137	140	-	140	142	145	-	147	148	151	-	
75	MBh	56.4	57.2	58.9	61.4	55.9	56.7	58.4	60.9	54.5	55.2	56.9	59.5	51.9	52.7	54.4	57.0	48.9	49.7	51.3	53.9	46.1	46.9	48.5	51.1
	S/T	0.78	0.70	0.56	0.42	0.78	0.71	0.57	0.43	0.81	0.73	0.60	0.45	1.00	0.75	0.61	0.47	1.00	0.77	0.64	0.49	1.00	0.82	0.69	0.55
	ΔT	22	20	17	14	22	20	17	14	22	21	17	14	22	20	17	14	22	20	17	13	23	21	18	15
	kW	3.41	3.40	3.39	3.43	3.83	3.83	3.82	3.85	4.31	4.30	4.30	4.33	4.82	4.82	4.81	4.84	5.40	5.39	5.39	5.42	6.07	6.07	6.06	6.09
	Amps	12.9	12.9	12.9	13.0	14.9	14.8	14.8	15.0	17.0	17.0	17.0	17.1	19.4	19.4	19.3	19.5	22.0	22.0	22.0	22.1	25.1	25.1	25.1	25.2
	Hi PR	258	259	261	265	298	299	301	306	341	342	344	348	386	387	389	394	436	437	438	443	488	489	491	495
	Lo PR	116	117	120	125	123	124	127	132	129	130	133	138	134	135	138	143	139	141	143	148	145	147	150	155
	MBh	56.7	57.5	59.2	61.7	56.2	57.0	58.7	61.2	54.8	55.6	57.2	59.8	52.2	53.0	54.7	57.3	49.2	50.0	51.6	54.2	46.4	47.2	48.8	51.4
	S/T	0.80	0.72	0.58	0.44	0.80	0.73	0.59	0.45	0.83	0.75	0.62	0.47	1.00	0.77	0.63	0.49	1.00	0.79	0.66	0.51	1.00	0.84	0.71	0.57
	ΔT	22	20	17	13	22	20	17	13	22	20	17	14	22	20	17	13	22	20	17	13	23	21	18	14
kW	3.41	3.41	3.40	3.44	3.84	3.84	3.83	3.86	4.31	4.31	4.30	4.34	4.83	4.83	4.82	4.85	5.40	5.40	5.39	5.43	6.08	6.08	6.07	6.10	
Amps	13.0	12.9	12.9	13.1	14.9	14.9	14.9	15.0	17.1	17.1	17.0	17.2	19.4	19.4	19.4	19.5	22.1	22.0	22.0	22.2	25.1	25.1	25.1	25.2	
Hi PR	259	260	262	266	299	300	302	307	342	343	344	349	387	388	390	395	436	437	439	444	489	490	492	496	
Lo PR	116	118	121	126	123	125	128	133	130	131	134	139	135	136	139	144	140	141	144	149	146	148	150	155	
MBh	57.0	57.8	59.5	62.0	56.5	57.3	59.0	61.5	55.1	55.8	57.5	60.1	52.5	53.3	55.0	57.6	49.5	50.3	51.9	54.5	46.7	47.4	49.1	51.7	
S/T	0.81	0.73	0.60	0.46	0.82	0.74	0.60	0.46	0.84	0.77	0.63	0.49	1.00	0.78	0.65	0.51	1.00	0.81	0.67	0.53	1.00	0.86	0.72	0.58	
ΔT	22	20	16	13	21	20	16	13	22	20	17	13	21	20	16	13	21	19	16	13	22	21	17	14	
kW	3.42	3.42	3.41	3.44	3.85	3.84	3.84	3.87	4.32	4.32	4.31	4.34	4.84	4.83	4.83	4.86	5.41	5.41	5.40	5.43	6.09	6.08	6.07	6.11	
Amps	13.0	13.0	12.9	13.1	14.9	14.9	14.9	15.0	17.1	17.1	17.1	17.2	19.5	19.4	19.4	19.6	22.1	22.0	22.0	22.2	25.2	25.2	25.1	25.3	
Hi PR	259	261	262	267	300	301	303	307	342	343	345	350	388	389	391	395	437	438	440	444	490	491	492	497	
Lo PR	117	119	121	126	124	125	128	133	130	132	135	139	135	137	140	145	140	142	145	150	147	148	151	156	

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 — DZ4SEA6040A* + AMST60DU1400A* (CONT.)

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		
80	1750	MBh	56.7	57.5	59.2	61.7	56.2	57.0	58.7	61.2	54.7	55.5	57.2	59.8	52.2	53.0	54.7	57.2	49.2	50.0	51.6	54.2	46.4	47.1	48.8	51.4	
		S/T	0.90	0.83	0.69	0.55	1.00	0.83	0.70	0.55	1.00	0.86	0.72	0.58	1.00	0.88	0.74	0.60	1.00	0.90	0.76	0.62	1.00	1.00	1.00	0.81	0.67
		ΔT	26	24	21	18	26	24	21	18	26	25	21	18	26	24	21	18	26	24	21	17	27	25	22	18	
		kW	3.41	3.40	3.40	3.43	3.83	3.83	3.82	3.86	4.31	4.31	4.30	4.33	4.82	4.82	4.81	4.85	5.40	5.39	5.39	5.42	6.07	6.07	6.06	6.09	
		Amps	12.9	12.9	12.9	13.0	14.9	14.9	14.8	15.0	17.0	17.0	17.0	17.1	19.4	19.4	19.4	19.5	22.0	22.0	22.0	22.1	25.1	25.1	25.1	25.2	
	1840	Hi PR	258	259	261	266	299	300	302	306	341	342	344	349	387	388	390	394	436	437	439	443	488	490	491	496	
		Lo PR	116	118	121	126	123	125	128	132	129	131	134	139	135	136	139	144	140	141	144	149	146	147	150	155	
		MBh	57.0	57.8	59.5	62.0	56.5	57.3	59.0	61.5	55.1	55.8	57.5	60.1	52.5	53.3	55.0	57.6	49.5	50.3	51.9	54.5	46.7	47.5	49.1	51.7	
		S/T	0.92	0.85	0.71	0.57	1.00	0.85	0.72	0.57	1.00	0.88	0.74	0.60	1.00	0.90	0.76	0.62	1.00	0.92	0.78	0.64	1.00	1.00	1.00	0.83	0.69
		ΔT	26	24	21	17	26	24	21	17	26	24	21	18	26	24	21	17	25	24	20	17	27	25	22	18	
1920	kW	3.42	3.41	3.41	3.44	3.84	3.84	3.83	3.86	4.32	4.31	4.31	4.34	4.83	4.83	4.82	4.85	5.41	5.40	5.40	5.43	6.08	6.08	6.08	6.10		
	Amps	13.0	12.9	12.9	13.1	14.9	14.9	14.9	15.0	17.1	17.1	17.0	17.2	19.4	19.4	19.4	19.5	22.1	22.1	22.0	22.2	25.2	25.1	25.1	25.3		
	Hi PR	259	260	262	267	300	301	303	307	342	343	345	349	388	389	391	395	437	438	440	444	489	490	492	497		
	Lo PR	117	118	121	126	124	125	128	133	130	131	134	139	135	137	140	144	140	142	145	150	147	148	151	156		
	MBh	57.3	58.1	59.8	62.3	56.8	57.6	59.3	61.8	55.3	56.1	57.8	60.4	52.8	53.6	55.3	57.8	49.8	50.5	52.2	54.8	46.9	47.7	49.4	52.0		
85	1750	S/T	0.94	0.86	0.72	0.58	1.00	0.87	0.73	0.59	1.00	0.89	0.76	0.61	1.00	0.91	0.77	0.63	1.00	0.93	0.80	0.65	1.00	1.00	0.85	0.71	
		ΔT	25	24	20	17	25	24	20	17	26	24	21	17	25	24	20	17	25	23	20	17	26	24	21	18	
		kW	3.42	3.42	3.41	3.44	3.85	3.85	3.84	3.87	4.32	4.32	4.31	4.35	4.84	4.84	4.83	4.86	5.41	5.41	5.40	5.44	6.09	6.08	6.08	6.11	
		Amps	13.0	13.0	12.9	13.1	14.9	14.9	14.9	15.0	17.1	17.1	17.1	17.2	19.5	19.5	19.4	19.6	22.1	22.1	22.1	22.2	25.2	25.2	25.1	25.3	
		Hi PR	260	261	262	267	300	301	303	308	343	344	346	350	388	389	391	396	438	439	440	445	490	491	493	497	
	1840	Lo PR	118	119	122	127	125	126	129	134	131	133	135	140	136	138	141	146	141	143	146	151	148	149	152	157	
		MBh	58.0	58.7	60.4	63.0	57.5	58.2	59.9	62.5	56.0	56.8	58.5	61.0	53.5	54.3	55.9	58.5	50.4	51.2	52.9	55.4	47.6	48.4	50.1	52.6	
		S/T	1.00	0.95	0.81	0.7	1.00	0.95	0.82	0.7	1.00	0.98	0.84	0.7	1.00	1.00	0.86	0.7	1.00	1.00	0.88	0.7	1.00	1.00	0.94	0.8	
		ΔT	29	27	24	21	29	27	24	21	29	28	24	21	29	27	24	21	29	27	24	20	30	28	25	22	
		kW	3.42	3.42	3.41	3.4	3.85	3.85	3.84	3.9	4.33	4.32	4.31	4.3	4.84	4.84	4.83	4.9	5.41	5.41	5.40	5.4	6.09	6.09	6.08	6.1	
1920	Amps	13.0	13.0	12.9	13.1	14.9	14.9	14.9	15.0	17.1	17.1	17.1	17.2	19.5	19.5	19.4	19.6	22.1	22.1	22.1	22.2	25.2	25.2	25.1	25.3		
	Hi PR	260	262	263	268	301	302	304	308	343	344	346	351	389	390	392	396	438	439	441	445	491	492	493	498		
	Lo PR	119	120	123	128	126	127	130	135	132	133	136	141	137	138	141	146	142	143	146	151	148	150	153	158		
	MBh	58.2	59.0	60.7	63.3	57.7	58.5	60.2	62.8	56.3	57.1	58.7	61.3	53.8	54.6	56.2	58.8	50.7	51.5	53.2	55.7	47.9	48.7	50.4	52.9		
	S/T	1.00	0.96	0.83	0.7	1.00	0.97	0.83	0.7	1.00	0.99	0.86	0.7	1.00	1.00	0.88	0.7	1.00	1.00	0.90	0.8	1.00	1.00	0.95	0.8		
1920	ΔT	29	27	24	20	29	27	24	20	29	27	24	21	29	27	24	20	29	27	24	20	30	28	25	21		
	kW	3.43	3.43	3.42	3.5	3.86	3.85	3.85	3.9	4.33	4.33	4.32	4.4	4.85	4.84	4.84	4.9	5.42	5.42	5.41	5.4	6.10	6.09	6.09	6.1		
	Amps	13.0	13.0	13.0	13.1	15.0	15.0	14.9	15.1	17.2	17.1	17.1	17.3	19.5	19.5	19.5	19.6	22.1	22.1	22.1	22.2	25.2	25.2	25.2	25.3		
	Hi PR	261	262	264	269	302	303	304	309	344	345	347	351	390	391	392	397	439	440	442	446	491	492	494	499		
	Lo PR	119	121	124	129	126	128	131	136	132	134	137	142	138	139	142	147	143	144	147	152	149	150	153	158		

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 HEATING DATA

DZ4SEA3630 / AMST36CU1400A

	OUTDOOR AMBIENT TEMPERATURE																
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5
MBh	43.80	41.10	38.60	36.00	34.40	33.20	30.30	27.50	25.20	23.50	22.30	21.60	20.70	18.60	16.50	14.30	12.20
T/R	33.9+	32.20	30.40	28.70	27.70	26.80	24.40	22.10	20.30	18.90	17.90	17.40	16.70	15.00	13.30	11.60	9.80
KW	3.10	3.10	3.00	2.90	2.90	2.90	2.80	2.70	2.60	2.60	2.50	2.40	2.40	2.30	2.30	2.20	2.10
AMPS	11.9	11.5	11.2	10.9	10.7	10.6	10.2	9.9	9.6	9.3	9.0	8.8	8.6	8.3	8.3	7.7	7.3
COP	4.07	3.92	3.77	3.61	3.50	3.41	3.20	2.98	2.81	2.69	2.63	2.60	2.53	2.34	2.14	1.93	1.70
Hi PR	434	420	406	391	383	377	363	349	335	321	307	298	293	279	264	250	236
LO PR	133	124	116	108	103	100	91	83	75	67	58	53	50	42	34	25	17

DZ4SEA3640 / AMST36CU1400A

	OUTDOOR AMBIENT TEMPERATURE																
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5
MBh	43.80	41.10	38.60	36.00	34.40	33.20	30.30	27.50	25.20	23.50	22.30	21.60	20.70	18.60	16.50	14.30	12.20
T/R	33.9+	32.20	30.40	28.70	27.70	26.80	24.40	22.10	20.30	18.90	17.90	17.40	16.70	15.00	13.30	11.60	9.80
KW	3.10	3.10	3.00	2.90	2.90	2.90	2.80	2.70	2.60	2.60	2.50	2.40	2.40	2.30	2.30	2.20	2.10
AMPS	11.9	11.5	11.2	10.9	10.7	10.6	10.2	9.9	9.6	9.3	9.0	8.8	8.6	8.3	8.3	7.7	7.3
COP	4.07	3.92	3.77	3.61	3.50	3.41	3.20	2.98	2.81	2.69	2.63	2.60	2.53	2.34	2.14	1.93	1.70
Hi PR	434	420	406	391	383	377	363	349	335	321	307	298	293	279	264	250	236
LO PR	133	124	116	108	103	100	91	83	75	67	58	53	50	42	34	25	17

DZ4SEA4830 / ASMT48CU1400A

	OUTDOOR AMBIENT TEMPERATURE																
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5
MBh	59.10	55.40	51.80	48.30	46.00	44.40	40.20	36.20	33.00	30.70	28.90	28.00	26.80	23.80	20.80	17.80	14.80
T/R	36.00	34.10	32.20	30.30	29.20	2.81	25.50	23.00	20.90	19.40	18.30	17.80	17.00	15.10	13.20	11.30	9.40
KW	3.90	3.80	3.70	3.70	3.60	3.60	3.60	3.50	3.40	3.40	3.30	3.30	3.30	3.20	3.10	3.10	3.00
AMPS	14.5	14.2	13.9	13.7	13.5	13.4	13.2	12.9	12.6	12.4	12.1	12.0	11.9	11.6	11.3	11.1	10.8
COP	4.48	4.27	4.06	3.85	3.70	3.59	3.31	3.03	2.81	2.66	2.55	2.50	2.41	2.18	1.94	1.69	1.44
Hi PR	433	419	405	390	382	376	362	348	334	320	306	298	292	278	264	250	136
LO PR	137	128	120	111	106	103	94	86	77	69	60	55	52	43	35	16	18

DZ4SEA4840 / ASMT48CU1400A

	OUTDOOR AMBIENT TEMPERATURE																
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5
MBh	59.10	55.40	51.80	48.30	46.00	44.40	40.20	36.20	33.00	30.70	28.90	28.00	26.80	23.80	20.80	17.80	14.80
T/R	36.00	34.10	32.20	30.30	29.20	2.81	25.50	23.00	20.90	19.40	18.30	17.80	17.00	15.10	13.20	11.30	9.40
KW	3.90	3.80	3.70	3.70	3.60	3.60	3.60	3.50	3.40	3.40	3.30	3.30	3.30	3.20	3.10	3.10	3.00
AMPS	14.5	14.2	13.9	13.7	13.5	13.4	13.2	12.9	12.6	12.4	12.1	12.0	11.9	11.6	11.3	11.1	10.8
COP	4.48	4.27	4.06	3.85	3.70	3.59	3.31	3.03	2.81	2.66	2.55	2.50	2.41	2.18	1.94	1.69	1.44
Hi PR	433	419	405	390	382	376	362	348	334	320	306	298	292	278	264	250	136
LO PR	137	128	120	111	106	103	94	86	77	69	60	55	52	43	35	16	18

DZ4SEA6030 / ASMT60DU1400A

	OUTDOOR AMBIENT TEMPERATURE																
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5
MBh	72.40	68.10	63.90	59.70	57.00	55.00	50.20	45.60	41.80	39.10	37.10	36.00	34.60	31.10	27.60	24.10	20.60
T/R	44.10	41.90	39.70	37.50	36.20	35.00	31.90	28.90	26.50	24.80	23.50	22.80	21.90	19.70	17.50	15.30	12.10
KW	4.70	4.60	4.60	4.50	4.50	4.50	4.40	4.40	4.30	4.30	4.20	4.20	4.20	4.20	4.10	4.10	4.00
AMPS	18.1	17.9	17.7	17.4	17.3	17.2	17.0	16.8	16.6	16.4	16.2	16.0	15.9	15.1	15.5	15.3	15.1
COP	4.52	4.30	4.07	3.85	3.70	3.59	3.31	3.04	2.82	2.66	2.56	2.50	2.41	2.20	1.97	1.74	1.51
Hi PR	412	399	385	372	364	359	345	332	318	305	292	284	278	265	251	238	225
LO PR	128	120	112	104	99	96	88	80	72	64	56	51	48	40	32	24	16

DZ4SEA6040 / ASMT60DU1400A

	OUTDOOR AMBIENT TEMPERATURE																
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5
MBh	72.40	68.10	63.90	59.70	57.00	55.00	50.20	45.60	41.80	39.10	37.10	36.00	34.60	31.10	27.60	24.10	20.60
T/R	44.10	41.90	39.70	37.50	36.20	35.00	31.90	28.90	26.50	24.80	23.50	22.80	21.90	19.70	17.50	15.30	12.10
KW	4.70	4.60	4.60	4.50	4.50	4.50	4.40	4.40	4.30	4.30	4.20	4.20	4.20	4.20	4.10	4.10	4.00
AMPS	18.1	17.9	17.7	17.4	17.3	17.2	17.0	16.8	16.6	16.4	16.2	16.0	15.9	15.1	15.5	15.3	15.1
COP	4.52	4.30	4.07	3.85	3.70	3.59	3.31	3.04	2.82	2.66	2.56	2.50	2.41	2.20	1.97	1.74	1.51
Hi PR	412	399	385	372	364	359	345	332	318	305	292	284	278	265	251	238	225
LO PR	128	120	112	104	99	96	88	80	72	64	56	51	48	40	32	24	16

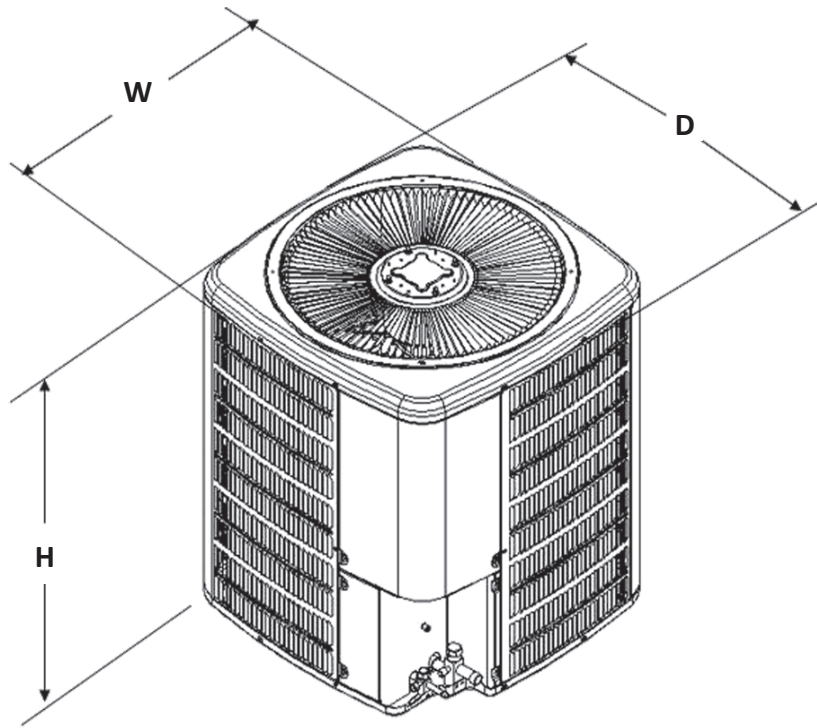
Calculations are based on nominal CFM and 70 °F indoor dry bulb.

Amps = Outdoor unit amps (comp.+fan)

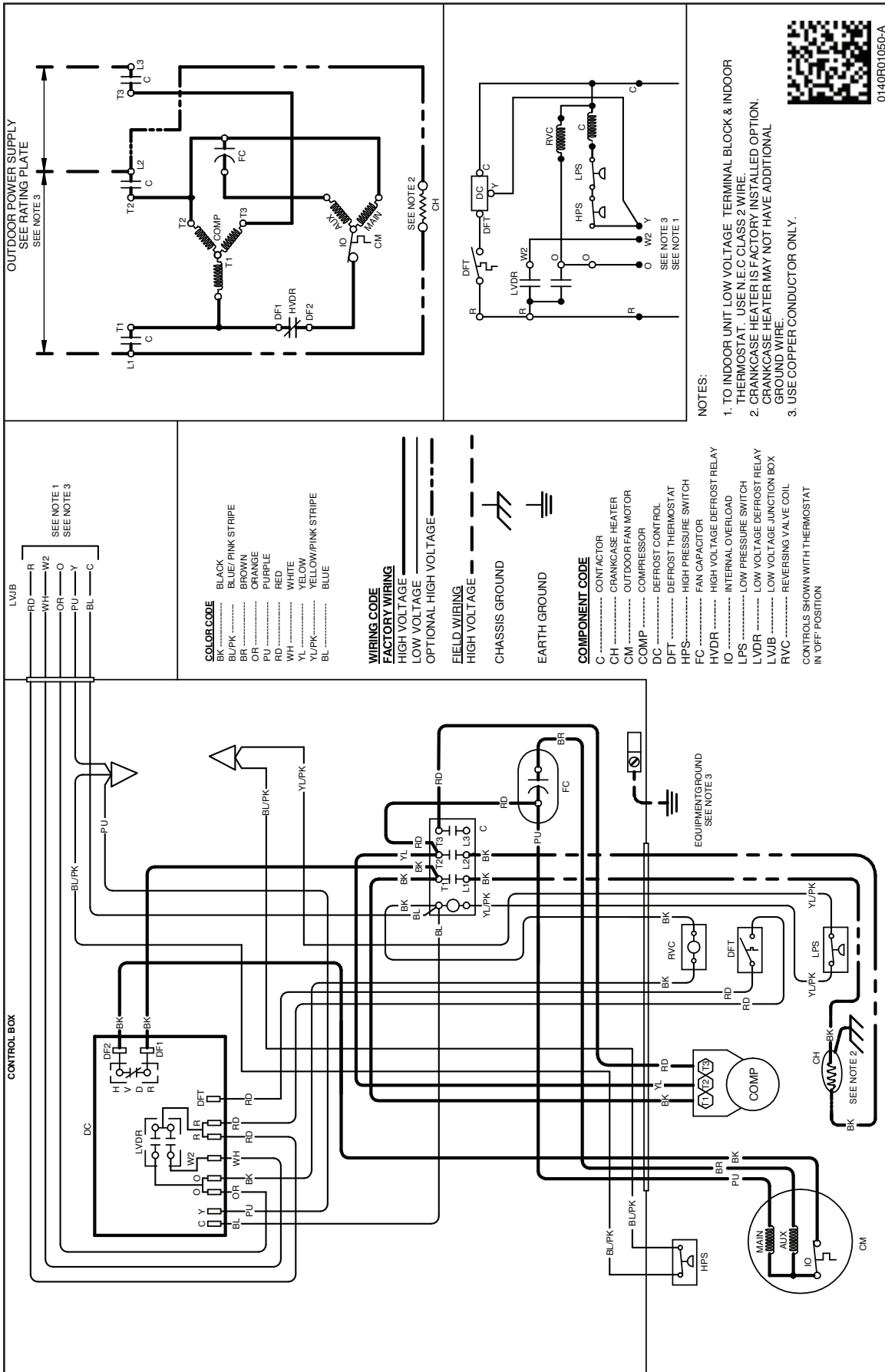
Note: Shaded area is AHRI Rating Conditions at 47°F outdoor ambient temperature

KW = Total system power

***ALL AHRI SYSTEM RATINGS ARE ACCESSIBLE IN THE UNITARY MATCHUP TOOL VIA
DAIKIN CITY OR IN THE DAIKIN SYSTEM CONFIGURATOR TOOL VIA PARTNERLINK.***



MODEL	DIMENSIONS		
	W"	D"	H"
DZ4SEA3630	35½"	35½"	39 ¹⁹ / ₁₆ "
DZ4SEA3640	35½"	35½"	39 ¹⁹ / ₁₆ "
DZ4SEA4830	35½"	35½"	36 ⁷ / ₁₆ "
DZ4SEA4840	35½"	35½"	36 ⁷ / ₁₆ "
DZ4SEA6030	35½"	35½"	41 ¹⁹ / ₁₆ "
DZ4SEA6040	35½"	35½"	41 ¹⁹ / ₁₆ "



01-40R0105C-A

LVIB

RD	R
WH	W2
OR	O
PU	Y
BL	C

SEE NOTE 1
SEE NOTE 3

COLOR CODE

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

WIRING CODE

————	FACTORY WIRING
————	HIGH VOLTAGE
————	LOW VOLTAGE
————	OPTIONAL HIGH VOLTAGE
———/———	FIELD WIRING
———/———	HIGH VOLTAGE
———/———	CHASSIS GROUND
———/———	EARTH GROUND

COMPONENT CODE

C	CONTACTOR
CH	CRANKCASE HEATER
CM	OUTDOOR FAN MOTOR
COMP	COMPRESSOR
DC	DEFROST CONTROL
DFT	DEFROST THERMOSTAT
HPS	HIGH PRESSURE SWITCH
FC	FAN CAPACITOR
HVDR	HIGH VOLTAGE DEFROST RELAY
IO	INTERNAL OVERLOAD
LPS	LOW PRESSURE SWITCH
LVDR	LOW VOLTAGE DEFROST RELAY
LVJB	LOW VOLTAGE JUNCTION BOX
RVC	REVERSING VALVE COIL

CONTROLS SHOWN WITH THERMOSTAT IN OFF POSITION

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.

MODEL #	DESCRIPTION	DZ4SEA 3630	DZ4SEA 3640	DZ4SEA 4830	DZ4SEA 4840	DZ4SEA 6030	DZ4SEA 6040
ABK-20 [^]	Anchor Bracket Kit	X	X	X	X	X	X
FSK01A ¹	Freeze Protection Kit	X	X	X	X	X	X
LAKT01 ²	Low-Ambient Kit			X	X	X	X
OT18-60A	Outdoor Thermostat w/ Lockout stat	X	X	X	X	X	X
TXV-FX-KX-3T ³	TXV Kit	X	X				
TXV-FX-KX-5T ³	TXV Kit			X	X	X	X

[^] Contains 20 brackets; four brackets needed to anchor unit to pad

¹ Installed on indoor coil

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

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