



DX11S COMMERCIAL

7.5- & 10-TON, THREE-PHASE
SPLIT SYSTEM AIR CONDITIONER

11.2 EER / R-410A

Cooling Capacity:
88,000 - 112,000 BTU/h



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■ Standard Features

- Energy-efficient compressor
- Quiet operating top discharge
- High-efficiency copper tube / aluminum fin coil
- Brass liquid and suction service valves
- High- and low-pressure switches
- Factory-installed filter drier
- Complies with ASHRAE 90.1-2007
- AHRI Certified; ETL Listed

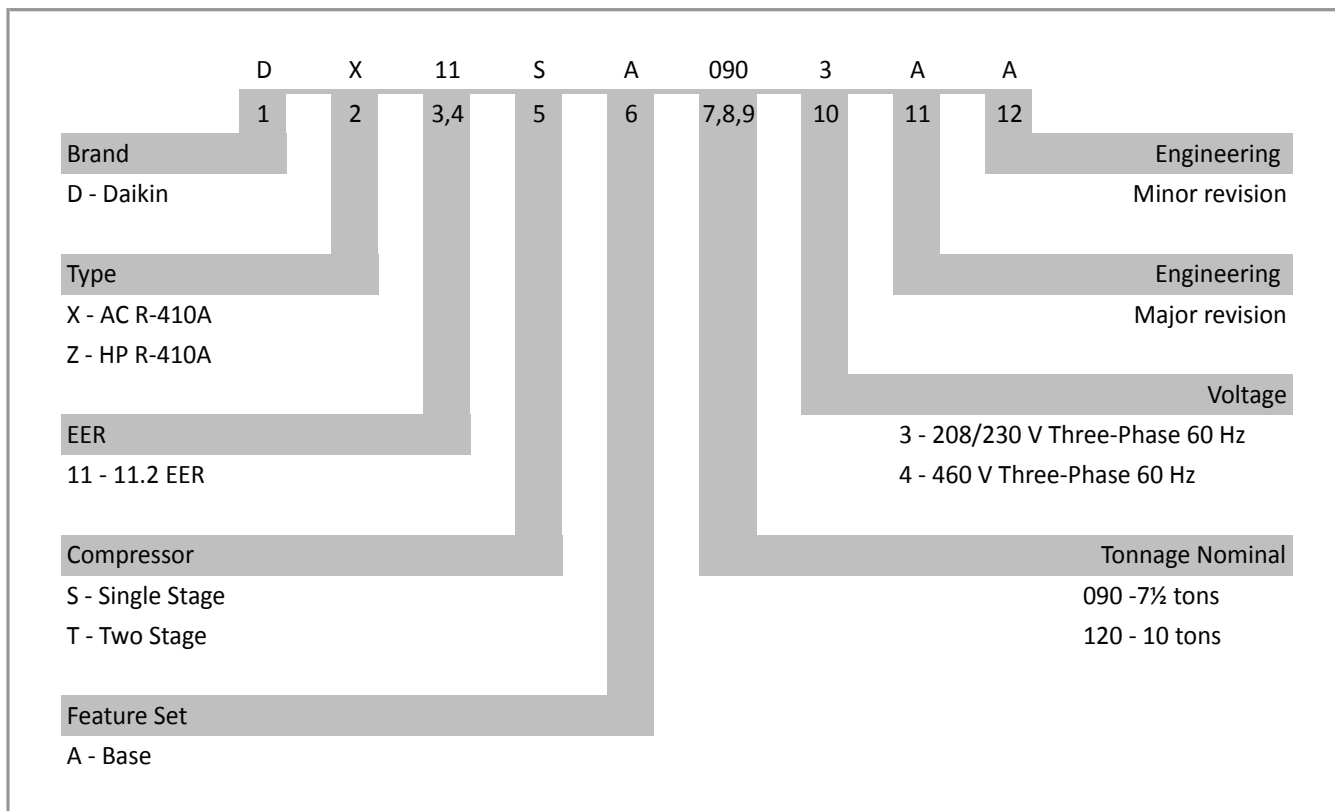
■ Cabinet Features

- Innovative sound control top design
- Steel louver coil guard protects the coil from damage and adds strength to unit
- Bottom pan rails elevate unit above slab
- Heavy-gauge galvanized-steel cabinet
- Attractive Nickel Gray powder-paint finish
- 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 dealer or at www.daikincomfort.com.

NOMENCLATURE



PRODUCT SPECIFICATIONS

	DX11SA 0903A*	DX11SA 0904A*	DX11SA 1203A*	DX11SA 1204A*
COOLING CAPACITIES				
Nominal Cooling (BTU/h) ¹	88,000	90,000	114,000	112,000
EER / IEER	11.2 / 11.5	11.2 / 11.5	11.2 / 11.5	11.2 / 11.5
Decibels	84	84	84	84
COMPRESSOR				
RLA	25.0	12.2	30.1	16.7
LRA	164	100	225	114
CONDENSER FAN MOTOR				
Horsepower	1	1	1	1
FLA	5.6	3.5	5.6	3.5
REFRIGERATION SYSTEM				
Liquid Valve Connection Size ("O.D.)	5/8"	5/8"	5/8"	5/8"
Suction Valve Connection Size ("O.D.)	1 3/8"	1 3/8"	1 3/8"	1 3/8"
Valve Type	Sweat	Sweat	Sweat	Sweat
Refrigerant Charge	35	35	35	35
ELECTRICAL DATA				
AC Volts	208/230	460	208/230	460
Hz / Phase	60 Hz/3	60 Hz/3	60 Hz/3	60 Hz/3
Minimum Circuit Ampacity ²	36.9	18.8	43.2	24.4
Max. Overcurrent Protection ³	60	30	70	40
Min / Max Volts	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"
SHIP WEIGHT (LBS)	315	315	334	334

¹ Tested and rated in accordance with ARI Standard 208/230

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

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

NOTES

- Always check the rating plate for electrical data on the unit being installed.
- Installer will need to supply 5/8" to 1 3/8" adapters for suction line connections.
- Installation of these units requires the specified TXV Kit to be installed on the indoor coil.
THE SPECIFIED TXV IS DETERMINED BY THE OUTDOOR UNIT NOT THE INDOOR COIL.

EXPANDED COOLING DATA — DX11SA0903 / (2)CA*F3642*6D*+TXV

IDB	OUTDOOR AMBIENT TEMPERATURE																														AIRFLOW																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
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	59	63	67	71	75	79	83	87	91	95	99	103	107	111	115	119	123	127	131	135	139	143	147	151	155	159	163	167	171	175		179	183	187	191	195	199	203	207	211	215	219	223	227	231	235	239	243	247	251	255	259	263	267	271	275	279	283	287	291	295	299	303	307	311	315	319	323	327	331	335	339	343	347	351	355	359	363	367	371	375	379	383	387	391	395	399	403	407	411	415	419	423	427	431	435	439	443	447	451	455	459	463	467	471	475	479	483	487	491	495	499	503	507	511	515	519	523	527	531	535	539	543	547	551	555	559	563	567	571	575	579	583	587	591	595	599	603	607	611	615	619	623	627	631	635	639	643	647	651	655	659	663	667	671	675	679	683	687	691	695	699	703	707	711	715	719	723	727	731	735	739	743	747	751	755	759	763	767	771	775	779	783	787	791	795	799	803	807	811	815	819	823	827	831	835	839	843	847	851	855	859	863	867	871	875	879	883	887	891	895	899	903	907	911	915	919	923	927	931	935	939	943	947	951	955	959	963	967	971	975	979	983	987	991	995	999	1003	1007	1011	1015	1019	1023	1027	1031	1035	1039	1043	1047	1051	1055	1059	1063	1067	1071	1075	1079	1083	1087	1091	1095	1099	1103	1107	1111	1115	1119	1123	1127	1131	1135	1139	1143	1147	1151	1155	1159	1163	1167	1171	1175	1179	1183	1187	1191	1195	1199	1203	1207	1211	1215	1219	1223	1227	1231	1235	1239	1243	1247	1251	1255	1259	1263	1267	1271	1275	1279	1283	1287	1291	1295	1299	1303	1307	1311	1315	1319	1323	1327	1331	1335	1339	1343	1347	1351	1355	1359	1363	1367	1371	1375	1379	1383	1387	1391	1395	1399	1403	1407	1411	1415	1419	1423	1427	1431	1435	1439	1443	1447	1451	1455	1459	1463	1467	1471	1475	1479	1483	1487	1491	1495	1499	1503	1507	1511	1515	1519	1523	1527	1531	1535	1539	1543	1547	1551	1555	1559	1563	1567	1571	1575	1579	1583	1587	1591	1595	1599	1603	1607	1611	1615	1619	1623	1627	1631	1635	1639	1643	1647	1651	1655	1659	1663	1667	1671	1675	1679	1683	1687	1691	1695	1699	1703	1707	1711	1715	1719	1723	1727	1731	1735	1739	1743	1747	1751	1755	1759	1763	1767	1771	1775	1779	1783	1787	1791	1795	1799	1803	1807	1811	1815	1819	1823	1827	1831	1835	1839	1843	1847	1851	1855	1859	1863	1867	1871	1875	1879	1883	1887	1891	1895	1899	1903	1907	1911	1915	1919	1923	1927	1931	1935	1939	1943	1947	1951	1955	1959	1963	1967	1971	1975	1979	1983	1987	1991	1995	1999	2003	2007	2011	2015	2019	2023	2027	2031	2035	2039	2043	2047	2051	2055	2059	2063	2067	2071	2075	2079	2083	2087	2091	2095	2099	2103	2107	2111	2115	2119	2123	2127	2131	2135	2139	2143	2147	2151	2155	2159	2163	2167	2171	2175	2179	2183	2187	2191	2195	2199	2203	2207	2211	2215	2219	2223	2227	2231	2235	2239	2243	2247	2251	2255	2259	2263	2267	2271	2275	2279	2283	2287	2291	2295	2299	2303	2307	2311	2315	2319	2323	2327	2331	2335	2339	2343	2347	2351	2355	2359	2363	2367	2371	2375	2379	2383	2387	2391	2395	2399	2403	2407	2411	2415	2419	2423	2427	2431	2435	2439	2443	2447	2451	2455	2459	2463	2467	2471	2475	2479	2483	2487	2491	2495	2499	2503	2507	2511	2515	2519	2523	2527	2531	2535	2539	2543	2547	2551	2555	2559	2563	2567	2571	2575	2579	2583	2587	2591	2595	2599	2603	2607	2611	2615	2619	2623	2627	2631	2635	2639	2643	2647	2651	2655	2659	2663	2667	2671	2675	2679	2683	2687	2691	2695	2699	2703	2707	2711	2715	2719	2723	2727	2731	2735	2739	2743	2747	2751	2755	2759	2763	2767	2771	2775	2779	2783	2787	2791	2795	2799	2803	2807	2811	2815	2819	2823	2827	2831	2835	2839	2843	2847	2851	2855	2859	2863	2867	2871	2875	2879	2883	2887	2891	2895	2899	2903	2907	2911	2915	2919	2923	2927	2931	2935	2939	2943	2947	2951	2955	2959	2963	2967	2971	2975	2979	2983	2987	2991	2995	2999	3003	3007	3011	3015	3019	3023	3027	3031	3035	3039	3043	3047	3051	3055	3059	3063	3067	3071	3075	3079	3083	3087	3091	3095	3099	3103	3107	3111	3115	3119	3123	3127	3131	3135	3139	3143	3147	3151	3155	3159	3163	3167	3171	3175	3179	3183	3187	3191	3195	3199	3203	3207	3211	3215	3219	3223	3227	3231	3235	3239	3243	3247	3251	3255	3259	3263	3267	3271	3275	3279	3283	3287	3291	3295	3299	3303	3307	3311	3315	3319	3323	3327	3331	3335	3339	3343	3347	3351	3355	3359	3363	3367	3371	3375	3379	3383	3387	3391	3395	3399	3403	3407	3411	3415	3419	3423	3427	3431	3435	3439	3443	3447	3451	3455	3459	3463	3467	3471	3475	3479	3483	3487	3491	3495	3499	3503	3507	3511	3515	3519	3523	3527	3531	3535	3539	3543	3547	3551	3555	3559	3563	3567	3571	3575	3579	3583	3587	3591	3595	3599	3603	3607	3611	3615	3619	3623	3627	3631	3635	3639	3643	3647	3651	3655	3659	3663	3667	3671	3675	3679	3683	3687	3691	3695	3699	3703	3707	3711	3715	3719	3723	3727	3731	3735	3739	3743	3747	3751	3755	3759	3763	3767	3771	3775	3779	3783	3787	3791	3795	3799	3803	3807	3811	3815	3819	3823	3827	3831	3835	3839	3843	3847	3851	3855	3859	3863	3867	3871	3875	3879	3883	3887	3891	3895	3899	3903	3907	3911	3915	3919	3923	3927	3931	3935	3939	3943	3947	3951	3955	3959	3963	3967	3971	3975	3979	3983	3987	3991	3995	3999	4003	4007	4011	4015	4019	4023	4027	4031	4035	4039	4043	4047	4051	4055	4059	4063	4067	4071	4075	4079	4083	4087	4091	4095	4099	4103	4107	4111	4115	4119	4123	4127	4131	4135	4139	4143	4147	4151	4155	4159	4163	4167	4171	4175	4179	4183	4187	4191	4195	4199	4203	4207	4211	4215	4219	4223	4227	4231	4235	4239	4243	4247	4251	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EXPANDED COOLING DATA — DX11SA0903 / (2)CA*F3642*6D*+TXV (CONT.)

IDB	AIRFLOW	OUTDOOR AMBIENT TEMPERATURE												ENTERING INDOOR WET BULB TEMPERATURE											
		65°F				75°F				85°F				95°F				105°F				115°F			
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
80	MBh	80.0	81.7	87.3	93.3	78.1	79.8	85.3	91.2	76.3	77.9	83.3	89.0	74.4	76.0	81.2	86.8	70.7	72.2	77.2	82.5	65.5	66.9	71.5	76.4
	S/T	0.81	0.76	0.62	0.46	0.84	0.79	0.64	0.48	0.86	0.81	0.66	0.49	0.89	0.83	0.68	0.51	0.92	0.86	0.70	0.53	0.93	0.87	0.71	0.53
	ΔT	23	22	19	15	23	22	19	15	23	22	19	15	23	22	19	15	23	21	19	15	21	20	18	14
	kW	6.72	6.85	7.04	7.24	7.18	7.32	7.53	7.75	7.59	7.74	7.97	8.21	7.95	8.11	8.35	8.61	8.25	8.42	8.68	8.95	8.52	8.69	8.96	9.24
	Amps	18.2	18.6	19.2	19.8	19.5	19.9	20.5	21.2	21.0	21.5	22.1	22.9	22.3	22.8	23.5	24.3	23.6	24.1	24.8	25.7	24.9	25.4	26.2	27.1
	HI PR	221	237	251	261	248	266	281	293	281	303	320	334	321	345	364	380	361	388	410	427	399	429	453	472
	LO PR	102	109	119	126	108	115	125	133	112	119	130	139	118	125	137	146	123	131	143	153	128	136	148	158
	MBh	86.7	88.5	94.6	101.1	84.6	86.5	92.4	98.8	82.6	84.4	90.2	96.4	80.6	82.4	88.0	94.1	76.6	78.2	83.6	89.4	70.9	72.5	77.4	82.8
	S/T	0.84	0.79	0.64	0.48	0.87	0.81	0.66	0.50	0.89	0.84	0.68	0.51	0.92	0.86	0.70	0.52	0.95	0.90	0.73	0.54	0.96	0.90	0.73	0.55
	ΔT	22	21	18	15	22	21	19	15	22	21	19	15	23	22	19	15	22	21	19	15	21	20	17	14
kW	6.87	7.00	7.20	7.41	7.34	7.49	7.70	7.93	7.76	7.92	8.15	8.40	8.13	8.30	8.55	8.81	8.45	8.62	8.88	9.16	8.72	8.90	9.17	9.46	
Amps	18.7	19.1	19.6	20.3	20.0	20.4	21.0	21.7	21.5	22.0	22.7	23.4	22.9	23.4	24.1	24.9	24.2	24.7	25.5	26.4	25.5	26.1	26.9	27.8	
HI PR	227	245	258	270	255	275	290	302	290	312	330	344	331	356	376	392	372	400	423	441	411	442	467	487	
LO PR	105	112	122	130	111	118	129	138	116	123	134	143	121	129	141	150	127	135	148	157	132	140	153	163	
MBh	88.0	89.9	96.0	102.6	85.9	87.8	93.8	100.3	83.9	85.7	91.6	97.9	81.8	83.6	89.3	95.5	77.7	79.4	84.9	90.7	72.0	73.6	78.6	84.0	
S/T	0.88	0.82	0.67	0.50	0.91	0.85	0.69	0.52	0.93	0.87	0.71	0.53	0.96	0.90	0.73	0.55	1.00	0.93	0.76	0.57	1.00	0.94	0.77	0.57	
ΔT	21	20	17	14	21	20	18	14	21	20	18	14	21	21	18	14	21	20	18	14	20	19	16	13	
kW	6.90	7.03	7.23	7.44	7.38	7.52	7.74	7.98	7.80	7.96	8.20	8.45	8.18	8.34	8.59	8.86	8.49	8.67	8.93	9.21	8.77	8.95	9.23	9.52	
Amps	18.8	19.2	19.7	20.4	20.1	20.6	21.2	21.9	21.7	22.1	22.8	23.6	23.0	23.5	24.2	25.1	24.3	24.9	25.6	26.5	25.7	26.2	27.0	28.0	
HI PR	229	246	260	271	257	277	292	305	292	314	332	346	333	358	378	394	374	403	426	444	414	445	470	490	
LO PR	106	113	123	131	112	119	130	139	116	124	135	144	122	130	142	151	128	136	149	158	133	141	154	164	

2625	MBh	81.4	83.0	86.9	92.7	79.5	81.0	84.9	90.5	77.6	79.1	82.8	88.4	75.7	77.2	80.8	86.2	71.9	73.3	76.8	81.9	66.6	67.9	71.1	75.9
	S/T	0.85	0.82	0.74	0.60	0.88	0.85	0.76	0.62	0.90	0.87	0.78	0.64	0.93	0.90	0.81	0.66	0.96	0.93	0.84	0.68	0.97	0.94	0.85	0.69
	ΔT	24	24	22	19	24	24	23	20	24	24	23	20	25	24	23	20	24	24	23	20	23	22	21	18
	kW	6.77	6.89	7.09	7.29	7.23	7.37	7.59	7.81	7.64	7.80	8.03	8.27	8.01	8.17	8.41	8.67	8.32	8.49	8.74	9.02	8.58	8.76	9.03	9.31
	Amps	18.4	18.8	19.3	19.9	19.7	20.1	20.7	21.4	21.2	21.6	22.3	23.0	22.5	23.0	23.7	24.5	23.8	24.3	25.1	25.9	25.1	25.6	26.4	27.3
	HI PR	223	240	253	264	250	269	284	296	284	306	323	337	324	348	368	384	364	392	414	432	403	433	457	477
	LO PR	103	110	120	128	109	116	127	135	113	120	132	140	119	127	138	147	125	133	145	154	129	137	150	159
	MBh	88.2	89.9	94.1	100.4	86.1	87.8	91.9	98.1	84.1	85.7	89.7	95.7	82.0	83.6	87.6	93.4	77.9	79.4	83.2	88.7	72.2	73.6	77.1	82.2
	S/T	0.88	0.85	0.77	0.62	0.91	0.88	0.79	0.64	0.93	0.90	0.81	0.66	0.96	0.93	0.84	0.68	1.00	0.97	0.87	0.71	1.00	0.97	0.88	0.71
	ΔT	24	23	22	19	24	23	22	19	24	24	22	19	24	24	22	19	24	23	22	19	22	22	21	18
kW	6.91	7.05	7.25	7.46	7.40	7.54	7.76	7.99	7.82	7.98	8.21	8.46	8.19	8.36	8.61	8.88	8.51	8.69	8.95	9.23	8.79	8.97	9.25	9.54	
Amps	18.8	19.2	19.8	20.4	20.2	20.6	21.2	21.9	21.7	22.2	22.9	23.6	23.1	23.6	24.3	25.1	24.4	24.9	25.7	26.6	25.7	26.3	27.1	28.1	
HI PR	230	247	261	272	258	277	293	305	293	315	333	347	334	359	379	396	376	404	427	445	415	447	472	492	
LO PR	106	113	123	131	112	119	130	139	117	124	136	144	123	130	142	152	129	137	149	159	133	141	154	164	
MBh	89.5	91.2	95.5	101.9	87.4	89.1	93.3	99.6	85.3	87.0	91.1	97.2	83.2	84.9	88.9	94.8	79.1	80.6	84.4	90.1	73.3	74.7	78.2	83.4	
S/T	0.92	0.89	0.80	0.65	0.95	0.92	0.83	0.67	0.98	0.94	0.85	0.69	1.00	0.97	0.88	0.71	1.00	1.00	0.91	0.74	1.00	1.00	0.92	0.74	
ΔT	22	22	21	18	23	22	21	18	23	22	21	18	23	22	21	18	22	22	21	18	20	20	20	17	
kW	6.95	7.08	7.29	7.50	7.43	7.58	7.80	8.04	7.86	8.02	8.26	8.51	8.24	8.41	8.66	8.93	8.56	8.73	9.00	9.28	8.84	9.02	9.30	9.59	
Amps	18.9	19.3	19.9	20.6	20.3	20.7	21.3	22.0	21.8	22.3	23.0	23.8	23.2	23.7	24.4	25.3	24.5	25.1	25.9	26.8	25.9	26.5	27.3	28.2	
HI PR	231	249	263	274	260	279	295	308	295	318	335	350	336	362	382	398	378	407	430	448	418	450	475	495	
LO PR	107	114	124	132	113	120	131	140	118	125	137	145	123	131	143	153	129	138	150	160	134	142	155	166	

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

Shaded area reflects AHRI (TVA) conditions

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

EXPANDED COOLING DATA — DX11SA0904 / (2)CA*F3743*6D*+TXV

IDB	AIRFLOW	OUTDOOR AMBIENT TEMPERATURE																								
		65°F				75°F				85°F				95°F				105°F				115°F				
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	
70	2625	MBh	79.0	81.9	89.7	-	77.2	80.0	87.7	-	75.4	78.1	85.6	-	73.5	76.2	83.5	-	69.8	72.4	79.3	-	64.7	67.1	73.5	-
		S/T	0.65	0.54	0.38	-	0.67	0.56	0.39	-	0.69	0.58	0.40	-	0.71	0.59	0.41	-	0.74	0.62	0.43	-	0.74	0.62	0.43	-
	ΔT	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	17	15	11	-	
	kW	5.46	5.58	5.77	-	5.91	6.05	6.25	-	6.31	6.46	6.68	-	6.66	6.82	7.05	-	6.96	7.12	7.37	-	7.22	7.39	7.65	-	
	Amps	23.7	24.0	24.5	-	24.9	25.3	25.9	-	26.3	26.8	27.4	-	27.6	28.1	28.7	-	28.8	29.3	30.1	-	30.1	30.6	31.4	-	
	HI PR	216	233	246	-	243	261	276	-	276	297	313	-	314	338	357	-	353	380	402	-	391	420	444	-	
	LO PR	116	123	135	-	122	130	142	-	127	135	148	-	134	142	155	-	140	149	163	-	145	154	168	-	
	MBh	85.6	88.7	97.2	-	83.6	86.7	95.0	-	81.6	84.6	92.7	-	79.7	82.6	90.5	-	75.7	78.4	85.9	-	70.1	72.6	79.6	-	
	S/T	0.67	0.56	0.39	-	0.70	0.58	0.40	-	0.71	0.60	0.41	-	0.74	0.62	0.43	-	0.77	0.64	0.44	-	0.77	0.64	0.45	-	
	ΔT	17	15	11	-	18	15	12	-	18	15	12	-	18	15	12	-	18	15	12	-	16	14	11	-	
kW	5.64	5.73	5.93	-	6.07	6.21	6.42	-	6.48	6.63	6.86	-	6.84	7.00	7.25	-	7.15	7.32	7.57	-	7.41	7.59	7.86	-		
Amps	24.1	24.5	25.0	-	25.4	25.8	26.4	-	26.9	27.3	27.9	-	28.1	28.6	29.3	-	29.4	29.9	30.7	-	30.7	31.2	32.0	-		
HI PR	223	240	253	-	250	269	284	-	284	306	323	-	324	349	368	-	364	392	414	-	403	433	458	-		
LO PR	119	127	139	-	126	134	147	-	131	140	152	-	138	147	160	-	144	154	168	-	149	159	173	-		
MBh	86.9	90.1	98.7	-	84.9	88.0	96.4	-	82.9	85.9	94.1	-	80.8	83.8	91.8	-	76.8	79.6	87.2	-	71.1	73.7	80.8	-		
S/T	0.70	0.59	0.41	-	0.73	0.61	0.42	-	0.75	0.62	0.43	-	0.77	0.64	0.45	-	0.80	0.67	0.46	-	0.81	0.67	0.47	-		
ΔT	17	14	11	-	17	15	11	-	17	15	11	-	17	15	11	-	17	14	11	-	16	14	10	-		
kW	5.64	5.77	5.96	-	6.11	6.25	6.46	-	6.52	6.67	6.90	-	6.88	7.05	7.29	-	7.19	7.36	7.62	-	7.46	7.64	7.91	-		
Amps	24.2	24.6	25.1	-	25.5	25.9	26.5	-	27.0	27.4	28.1	-	28.3	28.8	29.4	-	29.6	30.1	30.8	-	30.8	31.4	32.2	-		
HI PR	224	242	255	-	252	271	286	-	286	308	325	-	326	351	371	-	367	395	417	-	405	436	461	-		
LO PR	120	128	140	-	127	135	148	-	132	141	153	-	139	148	161	-	145	155	169	-	150	160	175	-		

75	2625	MBh	80.4	82.7	89.6	96.1	78.5	80.8	87.5	93.9	76.6	78.9	85.4	91.7	74.8	77.0	83.3	89.4	71.0	73.1	79.2	85.0	65.8	67.7	73.3	78.7
		S/T	0.74	0.66	0.50	0.32	0.76	0.68	0.52	0.33	0.78	0.70	0.53	0.34	0.81	0.72	0.55	0.35	0.84	0.75	0.57	0.37	0.85	0.76	0.57	0.37
	ΔT	21	19	16	11	21	19	16	11	21	19	16	11	21	19	16	11	21	19	16	11	21	19	15	10	
	kW	5.51	5.63	5.82	6.02	5.96	6.10	6.31	6.53	6.36	6.51	6.74	6.98	6.72	6.88	7.12	7.37	7.02	7.19	7.44	7.70	7.28	7.45	7.72	7.99	
	Amps	23.8	24.2	24.7	25.3	25.1	25.5	26.0	26.7	26.5	27.0	27.6	28.3	27.8	28.3	28.9	29.7	29.0	29.5	30.3	31.1	30.3	30.8	31.6	32.5	
	HI PR	218	235	248	259	245	264	278	290	279	300	317	330	317	342	361	376	357	384	406	423	395	425	448	468	
	LO PR	117	125	136	145	124	132	144	153	129	137	149	159	135	144	157	167	142	151	164	175	146	156	170	181	
	MBh	87.1	89.7	97.0	104.1	85.1	87.6	94.8	101.7	83.0	85.5	92.5	99.3	81.0	83.4	90.3	96.9	77.0	79.2	85.8	92.0	71.3	73.4	79.4	85.3	
	S/T	0.76	0.68	0.52	0.33	0.79	0.71	0.54	0.35	0.81	0.73	0.55	0.35	0.84	0.75	0.57	0.37	0.87	0.78	0.59	0.38	0.88	0.78	0.59	0.38	
	ΔT	20	19	15	11	20	19	15	11	20	19	15	11	21	19	16	11	20	19	15	11	19	17	14	10	
kW	5.65	5.78	5.98	6.19	6.12	6.26	6.48	6.71	6.54	6.69	6.92	7.17	6.90	7.07	7.31	7.57	7.21	7.38	7.64	7.92	7.48	7.66	7.93	8.22		
Amps	24.2	24.6	25.2	25.8	25.5	25.9	26.5	27.2	27.0	27.5	28.1	28.9	28.3	28.8	29.5	30.3	29.6	30.2	30.9	31.8	30.9	31.5	32.3	33.2		
HI PR	225	242	256	267	253	272	287	299	287	309	326	341	327	352	372	388	368	396	418	436	407	438	462	482		
LO PR	121	128	140	149	128	136	148	158	133	141	154	164	139	148	162	172	146	155	169	180	151	161	175	187		
MBh	88.4	91.0	98.5	105.7	86.3	88.9	96.2	103.3	84.3	86.8	93.9	100.8	82.2	84.6	91.6	98.3	78.1	80.4	87.0	93.4	72.3	74.5	80.6	86.5		
S/T	0.80	0.71	0.54	0.35	0.83	0.74	0.56	0.36	0.85	0.76	0.57	0.37	0.88	0.78	0.59	0.38	0.91	0.81	0.62	0.40	0.92	0.82	0.62	0.40		
ΔT	19	18	14	10	19	18	15	10	19	18	15	10	20	18	15	10	19	18	15	10	18	17	14	9		
kW	5.69	5.82	6.01	6.22	6.16	6.30	6.52	6.75	6.58	6.73	6.96	7.21	6.95	7.11	7.36	7.62	7.26	7.43	7.69	7.97	7.53	7.71	7.98	8.27		
Amps	24.3	24.7	25.3	25.9	25.6	26.1	26.7	27.3	27.2	27.6	28.3	29.0	28.5	29.0	29.6	30.5	29.8	30.3	31.0	31.9	31.1	31.6	32.4	33.3		
HI PR	227	244	258	269	254	274	289	302	289	311	329	343	330	355	374	391	371	399	421	439	410	441	465	485		
LO PR	122	129	141	150	128	137	149	159	133	142	155	165	140	149	163	173	147	156	171	182	152	162	176	188		

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

Shaded area reflects 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 — DX11SA0904 / (2)CA*F3743*6D*+TXV (CONT.)

IDB	AIRFLOW	OUTDOOR AMBIENT TEMPERATURE												ENTERING INDOOR WET BULB TEMPERATURE											
		65°F				75°F				85°F				95°F				105°F				115°F			
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
80	MBh	81.8	83.6	89.3	95.5	79.9	81.6	87.2	93.2	78.0	79.7	85.1	91.0	76.1	77.8	83.1	88.8	72.3	73.9	78.9	84.4	67.0	68.4	73.1	78.1
	S/T	0.81	0.76	0.62	0.46	0.84	0.79	0.64	0.48	0.86	0.81	0.66	0.49	0.89	0.83	0.68	0.51	0.92	0.86	0.70	0.53	0.93	0.87	0.71	0.53
	ΔT	23	22	19	15	23	22	20	16	23	22	20	16	24	23	20	16	23	22	19	16	22	21	18	14
	kW	5.55	5.68	5.87	6.08	6.01	6.15	6.37	6.59	6.42	6.57	6.80	7.04	6.78	6.94	7.18	7.44	7.08	7.25	7.51	7.77	7.35	7.52	7.79	8.07
	Amps	23.9	24.3	24.8	25.5	25.2	25.6	26.2	26.9	26.7	27.1	27.8	28.5	28.0	28.4	29.1	29.9	29.2	29.7	30.5	31.3	30.5	31.0	31.8	32.7
	HI PR	221	237	251	261	248	266	281	293	281	303	320	334	321	345	364	380	361	388	410	427	399	429	453	472
	LO PR	118	126	137	146	125	133	145	155	130	138	151	161	136	145	158	169	143	152	166	177	148	157	172	183
	MBh	88.6	90.6	96.8	103.4	86.6	88.5	94.5	101.0	84.5	86.3	92.3	98.6	82.4	84.2	90.0	96.2	78.3	80.0	85.5	91.4	72.5	74.1	79.2	84.7
	S/T	0.84	0.79	0.64	0.48	0.87	0.81	0.66	0.50	0.89	0.84	0.68	0.51	0.92	0.86	0.70	0.52	0.95	0.90	0.73	0.54	0.96	0.90	0.73	0.55
	ΔT	23	22	19	15	23	22	19	15	23	22	19	15	23	22	19	15	23	22	19	15	21	20	18	14
kW	5.70	5.83	6.03	6.24	6.18	6.32	6.54	6.77	6.59	6.75	6.98	7.23	6.96	7.13	7.38	7.64	7.28	7.45	7.71	7.99	7.55	7.73	8.00	8.29	
Amps	24.4	24.8	25.3	25.9	25.7	26.1	26.7	27.4	27.2	27.7	28.3	29.1	28.5	29.0	29.7	30.5	29.8	30.4	31.1	32.0	31.1	31.7	32.5	33.4	
HI PR	227	245	258	270	255	275	290	302	290	312	330	344	331	356	376	392	372	400	423	441	411	442	467	487	
LO PR	122	130	142	151	129	137	150	159	134	142	155	166	141	150	163	174	147	157	171	182	152	162	177	189	
MBh	90.0	91.9	98.2	105.0	87.9	89.8	95.9	102.5	85.8	87.6	93.6	100.1	83.7	85.5	91.4	97.7	79.5	81.2	86.8	92.8	73.6	75.2	80.4	85.9	
S/T	0.88	0.82	0.67	0.50	0.91	0.85	0.69	0.52	0.93	0.87	0.71	0.53	0.96	0.90	0.73	0.55	1.00	0.93	0.76	0.57	1.00	0.94	0.77	0.57	
ΔT	21	21	18	14	22	21	18	14	22	21	18	14	22	21	18	15	22	21	18	14	20	19	17	13	
kW	5.74	5.87	6.07	6.28	6.21	6.36	6.58	6.81	6.64	6.79	7.03	7.28	7.01	7.17	7.42	7.69	7.32	7.50	7.76	8.04	7.60	7.78	8.05	8.34	
Amps	24.5	24.9	25.4	26.1	25.8	26.2	26.8	27.5	27.3	27.8	28.4	29.2	28.6	29.1	29.8	30.7	30.0	30.5	31.3	32.1	31.3	31.8	32.6	33.6	
HI PR	229	246	260	271	257	277	292	305	292	314	332	346	333	358	378	394	374	403	426	444	414	445	470	490	
LO PR	123	131	143	152	130	138	151	160	135	143	157	167	142	151	164	175	148	158	172	184	153	163	178	190	

85	MBh	83.2	84.8	88.9	94.8	81.3	82.9	86.8	92.6	79.4	80.9	84.7	90.4	77.4	78.9	82.7	88.2	73.6	75.0	78.5	83.8	68.1	69.4	72.7	77.6
	S/T	0.85	0.82	0.74	0.60	0.88	0.85	0.76	0.62	0.90	0.87	0.78	0.64	0.93	0.90	0.81	0.66	0.96	0.93	0.84	0.68	0.97	0.94	0.85	0.69
	ΔT	25	24	23	20	25	25	23	20	25	25	23	20	25	25	23	20	25	24	23	20	23	23	22	19
	kW	5.60	5.73	5.92	6.13	6.07	6.21	6.42	6.65	6.48	6.63	6.86	7.10	6.84	7.00	7.24	7.50	7.15	7.32	7.57	7.84	7.41	7.59	7.86	8.14
	Amps	24.1	24.5	25.0	25.6	25.4	25.8	26.4	27.0	26.9	27.3	27.9	28.7	28.1	28.6	29.3	30.1	29.4	29.9	30.7	31.5	30.7	31.2	32.0	32.9
	HI PR	223	240	253	264	250	269	284	296	284	306	323	337	324	348	368	384	364	392	414	432	403	433	457	477
	LO PR	119	127	139	148	126	134	147	156	131	140	152	162	138	147	160	170	144	154	168	179	149	159	173	185
	MBh	90.2	91.9	96.3	102.7	88.1	89.8	94.0	100.3	86.0	87.6	91.8	97.9	83.9	85.5	89.6	95.5	79.7	81.2	85.1	90.8	73.8	75.2	78.8	84.1
	S/T	0.88	0.85	0.77	0.62	0.91	0.88	0.79	0.64	0.93	0.90	0.81	0.66	0.96	0.93	0.84	0.68	1.00	0.97	0.87	0.71	1.00	0.97	0.88	0.71
	ΔT	24	24	22	19	24	24	23	20	24	24	23	20	25	24	23	20	24	24	22	19	22	22	21	18
kW	5.75	5.88	6.08	6.29	6.23	6.37	6.59	6.83	6.65	6.81	7.05	7.30	7.03	7.19	7.44	7.71	7.34	7.52	7.78	8.06	7.62	7.80	8.07	8.36	
Amps	24.5	24.9	25.5	26.1	25.8	26.3	26.9	27.6	27.4	27.8	28.5	29.3	28.7	29.2	29.9	30.7	30.0	30.6	31.3	32.2	31.3	31.9	32.7	33.6	
HI PR	230	247	261	272	258	277	293	305	293	315	333	347	334	359	379	396	376	404	427	445	415	447	472	492	
LO PR	123	131	143	152	130	138	151	161	135	144	157	167	142	151	165	176	149	158	173	184	154	164	179	190	
MBh	91.5	93.3	97.7	104.2	89.4	91.1	95.4	101.8	87.3	89.0	93.2	99.4	85.1	86.8	90.9	97.0	80.9	82.4	86.3	92.1	74.9	76.4	80.0	85.3	
S/T	0.92	0.89	0.80	0.65	0.95	0.92	0.83	0.67	0.98	0.94	0.85	0.69	1.00	0.97	0.88	0.71	1.00	1.00	0.91	0.74	1.00	1.00	0.92	0.74	
ΔT	23	23	21	18	23	23	22	19	23	23	22	19	23	23	22	19	22	22	21	19	20	21	20	17	
kW	5.79	5.92	6.12	6.33	6.27	6.41	6.63	6.87	6.69	6.85	7.09	7.34	7.07	7.24	7.49	7.76	7.39	7.56	7.83	8.11	7.66	7.85	8.13	8.42	
Amps	24.6	25.0	25.6	26.2	26.0	26.4	27.0	27.7	27.5	28.0	28.6	29.4	28.8	29.3	30.0	30.9	30.2	30.7	31.5	32.4	31.5	32.1	32.9	33.8	
HI PR	231	249	263	274	260	279	295	308	295	318	335	350	336	362	382	398	378	407	430	448	418	450	475	495	
LO PR	124	132	144	153	131	139	152	162	136	145	158	168	143	152	166	177	150	159	174	185	155	165	180	192	

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

EXPANDED COOLING DATA — DX11SA1203 / (2)CA*F4860*6D*+TXV

IDB	AIRFLOW	OUTDOOR AMBIENT TEMPERATURE												ENTERING INDOOR WET BULB TEMPERATURE											
		65°F				75°F				85°F				95°F				105°F				115°F			
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
70	MBh	100.1	103.8	113.7	-	97.8	101.3	111.0	-	95.4	98.9	108.4	-	93.1	96.5	105.7	-	88.5	91.7	100.5	-	81.9	84.9	93.1	-
	S/T	0.63	0.52	0.36	-	0.65	0.54	0.38	-	0.67	0.56	0.39	-	0.69	0.57	0.40	-	0.71	0.60	0.41	-	0.72	0.60	0.42	-
	ΔT	19	16	12	-	19	16	13	-	19	17	13	-	19	17	13	-	19	16	12	-	18	15	12	-
	kW	6.80	6.96	7.20	-	7.37	7.55	7.81	-	7.88	8.06	8.35	-	8.32	8.52	8.82	-	8.70	8.91	9.23	-	9.03	9.25	9.58	-
	Amps	22.2	22.7	23.4	-	23.8	24.4	25.1	-	25.8	26.3	27.2	-	27.4	28.0	28.9	-	29.1	29.7	30.7	-	30.7	31.4	32.4	-
	HI PR	231	249	263	-	260	280	295	-	295	318	336	-	336	362	382	-	379	407	430	-	418	450	475	-
	LO PR	95	101	110	-	100	106	116	-	104	111	121	-	109	116	127	-	114	122	133	-	118	126	137	-
	MBh	108.5	112.4	123.2	-	105.9	109.8	120.3	-	103.4	107.2	117.4	-	100.9	104.6	114.6	-	95.8	99.3	108.8	-	88.8	92.0	100.8	-
	S/T	0.65	0.54	0.38	-	0.67	0.56	0.39	-	0.69	0.58	0.40	-	0.71	0.60	0.41	-	0.74	0.62	0.43	-	0.75	0.62	0.43	-
	ΔT	18	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	18	16	12	-	17	15	11	-
	kW	6.98	7.15	7.39	-	7.57	7.75	8.02	-	8.09	8.29	8.58	-	8.55	8.76	9.07	-	8.94	9.16	9.49	-	9.28	9.51	9.85	-
	Amps	22.8	23.3	24.0	-	24.5	25.0	25.8	-	26.4	27.0	27.9	-	28.1	28.8	29.7	-	29.8	30.5	31.5	-	31.5	32.2	33.3	-
HI PR	239	257	271	-	268	288	304	-	305	328	346	-	347	373	394	-	390	420	443	-	431	464	490	-	
LO PR	98	104	113	-	103	110	120	-	107	114	124	-	113	120	131	-	118	125	137	-	122	130	142	-	
MBh	110.1	114.1	125.0	-	107.5	111.4	122.1	-	105.0	108.8	119.2	-	102.4	106.1	116.3	-	97.3	100.8	110.5	-	90.1	93.4	102.3	-	
S/T	0.68	0.57	0.39	-	0.70	0.59	0.41	-	0.72	0.60	0.42	-	0.74	0.62	0.43	-	0.77	0.64	0.45	-	0.78	0.65	0.45	-	
ΔT	17	15	11	-	18	15	12	-	18	15	12	-	18	15	12	-	18	15	12	-	16	14	11	-	
kW	7.03	7.19	7.44	-	7.62	7.80	8.07	-	8.14	8.34	8.63	-	8.61	8.81	9.13	-	9.00	9.22	9.55	-	9.34	9.57	9.91	-	
Amps	22.9	23.4	24.1	-	24.6	25.2	25.9	-	26.6	27.2	28.0	-	28.3	29.0	29.9	-	30.0	30.7	31.7	-	31.7	32.4	33.5	-	
HI PR	240	259	273	-	270	290	306	-	307	330	348	-	349	376	397	-	393	423	447	-	434	467	493	-	
LO PR	98	105	114	-	104	110	121	-	108	115	125	-	113	121	132	-	119	126	138	-	123	131	143	-	
75	MBh	101.8	104.8	113.5	121.8	99.4	102.4	110.8	118.9	97.1	99.9	108.2	116.1	94.7	97.5	105.5	113.3	90.0	92.6	100.3	107.6	83.3	85.8	92.9	99.7
	S/T	0.71	0.64	0.48	0.31	0.74	0.66	0.50	0.32	0.76	0.68	0.51	0.33	0.78	0.70	0.53	0.34	0.81	0.72	0.55	0.35	0.82	0.73	0.55	0.36
	ΔT	22	20	16	11	22	20	17	11	22	20	17	11	22	20	17	11	22	20	17	11	20	19	15	11
	kW	6.86	7.02	7.26	7.52	7.44	7.61	7.88	8.16	7.95	8.14	8.42	8.73	8.40	8.60	8.90	9.23	8.78	8.99	9.31	9.65	9.11	9.33	9.67	10.02
	Amps	22.4	22.9	23.6	24.4	24.0	24.6	25.3	26.2	26.0	26.6	27.4	28.4	27.6	28.3	29.2	30.2	29.3	30.0	30.9	32.0	31.0	31.7	32.7	33.9
	HI PR	234	252	266	277	262	282	298	311	298	321	339	354	340	366	386	403	382	411	435	453	422	455	480	501
	LO PR	96	102	111	118	101	107	117	125	105	112	122	130	110	117	128	136	116	123	134	143	120	127	139	148
	MBh	110.3	113.6	122.9	131.9	107.7	110.9	120.1	128.9	105.2	108.3	117.2	125.8	102.6	105.6	114.3	122.7	97.5	100.4	108.6	116.6	90.3	93.0	100.6	108.0
	S/T	0.74	0.66	0.50	0.32	0.77	0.68	0.52	0.33	0.78	0.70	0.53	0.34	0.81	0.72	0.55	0.35	0.84	0.75	0.57	0.37	0.85	0.76	0.57	0.37
	ΔT	21	20	16	11	21	20	16	11	21	20	16	11	22	20	16	11	21	20	16	11	20	18	15	10
	kW	7.04	7.21	7.46	7.72	7.64	7.82	8.09	8.38	8.17	8.36	8.66	8.97	8.63	8.84	9.15	9.48	9.03	9.24	9.57	9.92	9.37	9.59	9.94	10.30
	Amps	23.0	23.5	24.2	25.0	24.7	25.2	26.0	26.9	26.7	27.3	28.1	29.1	28.4	29.0	29.9	31.0	30.1	30.8	31.8	32.9	31.8	32.5	33.6	34.8
HI PR	241	259	274	286	271	291	307	321	308	331	350	365	350	377	398	415	394	424	448	467	436	469	495	516	
LO PR	99	105	115	122	104	111	121	129	108	115	126	134	114	121	132	141	119	127	138	147	123	131	143	152	
MBh	111.9	115.3	124.8	133.9	109.3	112.6	121.9	130.8	106.7	109.9	119.0	127.7	104.1	107.2	116.1	124.6	98.9	101.9	110.3	118.3	91.6	94.4	102.1	109.6	
S/T	0.77	0.69	0.52	0.34	0.80	0.71	0.54	0.35	0.82	0.73	0.55	0.36	0.85	0.76	0.57	0.37	0.88	0.79	0.59	0.38	0.89	0.79	0.60	0.39	
ΔT	20	19	15	10	20	19	15	11	20	19	15	11	21	19	16	11	20	19	15	11	19	17	14	10	
kW	7.09	7.25	7.50	7.77	7.69	7.87	8.15	8.44	8.22	8.41	8.71	9.02	8.69	8.89	9.21	9.54	9.08	9.30	9.63	9.98	9.43	9.65	10.00	10.37	
Amps	23.1	23.6	24.3	25.2	24.8	25.4	26.2	27.1	26.8	27.4	28.3	29.3	28.6	29.2	30.1	31.2	30.3	31.0	32.0	33.1	32.0	32.7	33.8	35.0	
HI PR	243	261	276	288	272	293	310	323	310	333	352	367	353	380	401	418	397	427	451	470	439	472	498	520	
LO PR	99	106	115	123	105	112	122	130	109	116	127	135	115	122	133	142	120	128	139	148	124	132	144	154	

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

EXPANDED COOLING DATA — DX11SA1203 / (2)CA*F4860*6D*+TXV (CONT.)

IDB	AIRFLOW	OUTDOOR AMBIENT TEMPERATURE												ENTERING INDOOR WET BULB TEMPERATURE													
		65°F				75°F				85°F				95°F				105°F				115°F					
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71		
80	3063	MBh	103.6	105.9	113.1	120.9	101.2	103.4	110.5	118.1	98.8	100.9	107.9	115.3	96.4	98.5	105.2	112.5	91.6	93.6	100.0	106.9	84.8	86.7	92.6	99.0	
		S/T	0.78	0.73	0.60	0.45	0.81	0.76	0.62	0.46	0.83	0.78	0.63	0.47	0.86	0.80	0.65	0.49	0.89	0.83	0.68	0.51	0.90	0.84	0.68	0.51	
		ΔT	24	23	20	16	25	24	21	16	25	24	21	16	25	24	21	16	24	23	20	16	23	22	19	15	
	3529	kW	6.92	7.08	7.33	7.58	7.50	7.68	7.95	8.23	8.02	8.21	8.50	8.80	8.48	8.68	8.99	9.31	8.86	9.08	9.40	9.74	9.20	9.42	9.75	10.11	
		Amps	22.6	23.1	23.8	24.6	24.3	24.8	25.6	26.4	26.2	26.8	27.6	28.6	27.9	28.5	29.4	30.5	29.6	30.3	31.2	32.3	31.2	32.0	33.0	34.2	
		HI PR	236	254	268	280	265	285	301	314	301	324	343	357	343	369	390	407	386	416	439	458	427	459	485	506	
	3938	LO PR	97	103	112	119	102	109	119	126	106	113	123	131	111	119	129	138	117	124	136	144	121	128	140	149	
		MBh	112.3	114.7	122.6	131.0	109.6	112.0	119.7	128.0	107.0	109.4	116.9	124.9	104.4	106.7	114.0	121.9	99.2	101.4	108.3	115.8	91.9	93.9	100.3	107.2	
		S/T	0.81	0.76	0.62	0.46	0.84	0.79	0.64	0.48	0.86	0.81	0.66	0.49	0.89	0.83	0.68	0.51	0.92	0.86	0.70	0.53	0.93	0.87	0.71	0.53	
	85	3063	ΔT	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	22	21	19	15
			kW	7.11	7.27	7.52	7.79	7.71	7.89	8.17	8.46	8.24	8.44	8.74	9.05	8.71	8.92	9.24	9.57	9.11	9.33	9.66	10.01	9.45	9.68	10.03	10.39
			Amps	23.1	23.7	24.4	25.2	24.9	25.4	26.2	27.1	26.9	27.5	28.4	29.4	28.6	29.3	30.2	31.3	30.4	31.1	32.1	33.2	32.1	32.8	33.9	35.1
3529		HI PR	244	262	277	289	273	294	310	324	311	334	353	368	354	381	402	419	398	428	452	472	440	473	500	521	
		LO PR	100	106	116	123	105	112	122	130	109	116	127	135	115	122	133	142	120	128	140	149	125	132	145	154	
		MBh	113.9	116.4	124.4	133.0	111.3	113.7	121.5	129.9	108.6	111.0	118.6	126.8	106.0	108.3	115.7	123.7	100.7	102.9	109.9	117.5	93.3	95.3	101.8	108.9	
3938		S/T	0.85	0.79	0.65	0.48	0.88	0.82	0.67	0.50	0.90	0.84	0.69	0.51	0.93	0.87	0.71	0.53	0.96	0.90	0.73	0.55	0.97	0.91	0.74	0.55	
		ΔT	22	22	19	15	23	22	19	15	23	22	19	15	23	22	19	15	23	22	19	15	20	20	18	14	
		kW	7.15	7.32	7.57	7.84	7.76	7.94	8.22	8.51	8.29	8.49	8.79	9.11	8.76	8.98	9.29	9.63	9.17	9.39	9.72	10.08	9.51	9.74	10.09	10.46	
3063		Amps	23.3	23.8	24.5	25.4	25.0	25.6	26.4	27.3	27.1	27.7	28.5	29.5	28.8	29.5	30.4	31.5	30.5	31.3	32.3	33.4	32.3	33.0	34.1	35.3	
		HI PR	245	264	279	291	275	296	313	326	313	337	356	371	356	384	405	422	401	431	456	475	443	477	503	525	
		LO PR	100	107	116	124	106	113	123	131	110	117	128	136	116	123	134	143	121	129	141	150	125	133	146	155	
85	3063	MBh	105.4	107.5	112.5	120.1	103.0	105.0	109.9	117.3	100.5	102.5	107.3	114.5	98.1	100.0	104.7	111.7	93.2	95.0	99.5	106.1	86.3	88.0	92.1	98.3	
		S/T	0.82	0.79	0.71	0.58	0.85	0.82	0.74	0.60	0.87	0.84	0.76	0.61	0.90	0.87	0.78	0.63	0.93	0.90	0.81	0.66	0.94	0.91	0.82	0.66	
		ΔT	26	25	24	21	26	26	24	21	26	26	24	21	26	26	25	21	26	26	24	21	24	24	23	20	
	3529	kW	6.98	7.14	7.39	7.65	7.57	7.75	8.02	8.31	8.09	8.28	8.58	8.88	8.55	8.76	9.07	9.39	8.94	9.16	9.48	9.83	9.28	9.50	9.84	10.20	
		Amps	22.8	23.3	24.0	24.8	24.5	25.0	25.8	26.7	26.4	27.0	27.9	28.9	28.1	28.8	29.7	30.7	29.8	30.5	31.5	32.6	31.5	32.2	33.3	34.5	
		HI PR	239	257	271	283	268	288	304	317	304	328	346	361	347	373	394	411	390	420	443	462	431	464	490	511	
	3938	LO PR	98	104	113	121	103	110	120	127	107	114	124	133	113	120	131	139	118	125	137	146	122	130	142	151	
		MBh	114.2	116.4	124.9	130.1	111.6	113.7	119.1	127.1	108.9	111.0	116.3	124.0	106.2	108.3	113.4	121.0	100.9	102.9	107.8	115.0	93.5	95.3	99.8	106.5	
		S/T	0.85	0.82	0.74	0.60	0.88	0.85	0.77	0.62	0.90	0.87	0.79	0.64	0.93	0.90	0.81	0.66	0.97	0.93	0.84	0.68	0.97	0.94	0.85	0.69	
	3063	ΔT	25	25	23	20	26	25	24	21	26	25	24	21	26	25	24	21	25	25	24	20	24	23	22	19	
		kW	7.17	7.34	7.59	7.86	7.78	7.96	8.24	8.53	8.31	8.51	8.81	9.13	8.79	9.00	9.32	9.66	9.19	9.41	9.75	10.10	9.54	9.77	10.12	10.49	
		Amps	23.3	23.9	24.6	25.4	25.1	25.7	26.5	27.4	27.1	27.7	28.6	29.6	28.9	29.5	30.5	31.6	30.6	31.3	32.3	33.5	32.4	33.1	34.2	35.4	
3529	HI PR	246	265	279	291	276	297	314	327	314	338	357	372	357	385	406	424	402	433	457	477	444	478	505	527		
	LO PR	101	107	117	124	106	113	123	131	110	117	128	137	116	123	135	143	122	129	141	150	126	134	146	156		
	MBh	115.9	118.2	123.8	132.0	113.2	115.4	120.9	129.0	110.5	112.7	118.0	125.9	107.8	109.9	115.1	122.8	102.4	104.4	109.4	116.7	94.9	96.7	101.3	108.1		
3938	S/T	0.89	0.86	0.77	0.63	0.92	0.89	0.80	0.65	0.94	0.91	0.82	0.67	0.97	0.94	0.85	0.69	1.00	0.97	0.88	0.71	1.00	0.98	0.89	0.72		
	ΔT	24	24	22	19	24	24	23	20	24	24	23	20	24	24	23	20	24	24	22	19	22	22	21	18		
	kW	7.21	7.38	7.64	7.91	7.83	8.01	8.29	8.59	8.37	8.57	8.87	9.19	8.84	9.06	9.38	9.72	9.25	9.47	9.81	10.17	9.60	9.83	10.18	10.56		
3063	Amps	23.5	24.0	24.7	25.6	25.2	25.8	26.6	27.5	27.3	27.9	28.8	29.8	29.1	29.7	30.7	31.8	30.8	31.5	32.5	33.7	32.6	33.3	34.4	35.6		
	HI PR	248	267	281	294	278	299	316	329	316	340	359	375	360	387	409	427	405	436	460	480	447	482	508	530		
	LO PR	101	108	118	125	107	114	124	132	111	118	129	138	117	124	136	144	122	130	142	151	127	135	147	157		

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

EXPANDED COOLING DATA — DX11SA1204 / (2)CA*F4961*6D*+TXV

IDB	AIRFLOW	OUTDOOR AMBIENT TEMPERATURE												ENTERING INDOOR WET BULB TEMPERATURE											
		65°F				75°F				85°F				95°F				105°F				115°F			
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
70	MBh	101.2	104.9	115.0	-	98.9	102.5	112.3	-	96.5	100.0	109.6	-	94.2	97.6	106.9	-	89.5	92.7	101.6	-	82.9	85.9	94.1	-
	S/T	0.63	0.53	0.36	-	0.65	0.54	0.38	-	0.67	0.56	0.39	-	0.69	0.58	0.40	-	0.72	0.60	0.41	-	0.72	0.60	0.42	-
	ΔT	19	17	13	-	19	17	13	-	19	17	13	-	20	17	13	-	19	17	13	-	18	16	12	-
	kW	6.60	6.78	7.05	-	7.25	7.44	7.74	-	7.82	8.03	8.36	-	8.33	8.55	8.90	-	8.76	9.00	9.36	-	9.13	9.38	9.75	-
	Amps	28.1	28.6	29.4	-	29.8	30.4	31.2	-	31.8	32.4	33.2	-	33.5	34.1	35.0	-	35.2	35.9	36.8	-	36.9	37.6	38.6	-
	HI PR	228	245	259	-	256	275	291	-	291	313	331	-	332	357	377	-	373	401	424	-	412	443	468	-
	LO PR	99	105	115	-	105	111	121	-	109	116	126	-	114	121	133	-	120	127	139	-	124	132	144	-
	MBh	106.6	110.4	121.0	-	104.1	107.9	118.2	-	101.6	105.3	115.4	-	99.1	102.7	112.6	-	94.2	97.6	106.9	-	87.2	90.4	99.1	-
	S/T	0.66	0.55	0.38	-	0.68	0.57	0.39	-	0.70	0.58	0.40	-	0.72	0.60	0.42	-	0.75	0.62	0.43	-	0.75	0.63	0.44	-
	ΔT	19	16	12	-	19	16	12	-	19	16	12	-	19	17	13	-	19	16	12	-	18	15	12	-
	kW	6.74	6.92	7.20	-	7.40	7.60	7.90	-	7.98	8.20	8.53	-	8.50	8.73	9.08	-	8.94	9.18	9.55	-	9.32	9.57	9.95	-
	Amps	28.5	29.0	29.8	-	30.3	30.8	31.6	-	32.3	32.9	33.7	-	34.0	34.6	35.6	-	35.7	36.4	37.4	-	37.4	38.2	39.2	-
HI PR	233	250	265	-	261	281	297	-	297	320	338	-	338	364	384	-	381	410	433	-	421	453	478	-	
LO PR	101	107	117	-	107	113	124	-	111	118	129	-	116	124	135	-	122	130	142	-	126	134	147	-	
MBh	109.8	113.8	124.6	-	107.2	111.1	121.7	-	104.6	108.5	118.8	-	102.1	105.8	115.9	-	97.0	100.5	110.1	-	89.8	93.1	102.0	-	
S/T	0.69	0.58	0.40	-	0.71	0.60	0.41	-	0.73	0.61	0.42	-	0.76	0.63	0.44	-	0.78	0.66	0.45	-	0.79	0.66	0.46	-	
ΔT	18	15	12	-	18	15	12	-	18	15	12	-	18	16	12	-	18	15	12	-	17	14	11	-	
kW	6.80	6.99	7.27	-	7.47	7.68	7.98	-	8.07	8.28	8.62	-	8.59	8.82	9.17	-	9.03	9.28	9.65	-	9.41	9.67	10.05	-	
Amps	28.7	29.2	30.0	-	30.5	31.0	31.8	-	32.5	33.1	34.0	-	34.2	34.9	35.8	-	36.0	36.7	37.7	-	37.7	38.5	39.5	-	
HI PR	235	253	267	-	264	284	300	-	300	323	341	-	342	368	388	-	384	414	437	-	425	457	483	-	
LO PR	102	108	118	-	108	115	125	-	112	119	130	-	118	125	137	-	123	131	143	-	127	136	148	-	
75	MBh	102.9	106.0	114.7	123.1	100.5	103.5	112.1	120.3	98.2	101.1	109.4	117.4	95.8	98.6	106.7	114.5	91.0	93.7	101.4	108.8	84.3	86.8	93.9	100.8
	S/T	0.72	0.64	0.48	0.31	0.74	0.66	0.50	0.32	0.76	0.68	0.51	0.33	0.78	0.70	0.53	0.34	0.81	0.73	0.55	0.35	0.82	0.73	0.56	0.36
	ΔT	22	20	17	12	22	21	17	12	22	21	17	12	23	21	17	12	22	20	17	12	21	19	16	11
	kW	6.67	6.85	7.12	7.41	7.32	7.52	7.82	8.14	7.90	8.12	8.44	8.78	8.41	8.64	8.99	9.35	8.85	9.09	9.45	9.84	9.23	9.47	9.85	10.25
	Amps	28.3	28.8	29.6	30.4	30.1	30.6	31.4	32.3	32.0	32.6	33.5	34.5	33.7	34.4	35.3	36.4	35.5	36.1	37.1	38.3	37.1	37.9	38.9	40.1
	HI PR	230	248	262	273	259	278	294	306	294	316	334	349	335	360	381	397	377	405	428	447	416	448	473	493
	LO PR	100	106	116	124	106	112	123	131	110	117	127	136	115	123	134	143	121	129	140	149	125	133	145	155
	MBh	108.4	111.6	120.8	129.6	105.8	109.0	118.0	126.6	103.3	106.4	115.1	123.6	100.8	103.8	112.3	120.6	95.8	98.6	106.7	114.5	88.7	91.3	98.9	106.1
	S/T	0.75	0.67	0.51	0.33	0.77	0.69	0.52	0.34	0.79	0.71	0.54	0.35	0.82	0.73	0.55	0.36	0.85	0.76	0.58	0.37	0.86	0.77	0.58	0.37
	ΔT	22	20	16	11	22	20	17	11	22	20	17	11	22	20	17	12	22	20	16	11	20	19	15	11
	kW	6.80	6.99	7.27	7.57	7.48	7.68	7.99	8.31	8.07	8.29	8.62	8.97	8.59	8.82	9.17	9.55	9.03	9.28	9.65	10.04	9.42	9.67	10.06	10.46
	Amps	28.7	29.2	30.0	30.8	30.5	31.0	31.8	32.7	32.5	33.1	34.0	35.0	34.2	34.9	35.8	36.9	36.0	36.7	37.7	38.9	37.7	38.5	39.5	40.8
HI PR	235	253	267	279	264	284	300	313	300	323	341	356	342	368	388	405	384	414	437	456	425	457	483	504	
LO PR	102	108	118	126	108	115	125	133	112	119	130	139	118	125	137	146	123	131	143	152	128	136	148	158	
MBh	111.6	114.9	124.4	133.5	109.0	112.2	121.5	130.4	106.4	109.6	118.6	127.3	103.8	106.9	115.7	124.2	98.6	101.6	109.9	118.0	91.4	94.1	101.8	109.3	
S/T	0.78	0.70	0.53	0.34	0.81	0.73	0.55	0.35	0.83	0.74	0.56	0.36	0.86	0.77	0.58	0.37	0.89	0.80	0.60	0.39	0.90	0.80	0.61	0.39	
ΔT	20	19	15	11	21	19	16	11	21	19	16	11	21	19	16	11	21	19	15	11	19	18	14	10	
kW	6.87	7.06	7.34	7.64	7.55	7.76	8.07	8.39	8.15	8.37	8.70	9.06	8.68	8.91	9.27	9.64	9.12	9.37	9.75	10.14	9.51	9.77	10.16	10.57	
Amps	28.9	29.4	30.2	31.0	30.7	31.3	32.1	33.0	32.7	33.3	34.2	35.2	34.5	35.2	36.1	37.2	36.3	37.0	38.0	39.1	38.0	38.8	39.8	41.1	
HI PR	237	256	270	281	266	287	303	316	303	326	344	359	345	371	392	409	388	418	441	460	429	462	488	509	
LO PR	103	110	120	127	109	116	126	135	113	120	131	140	119	126	138	147	125	132	145	154	129	137	150	159	

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

EXPANDED COOLING DATA — DX11SA1204 / (2)CA*F4961*6D*+TXV (CONT.)

IDB	AIRFLOW	OUTDOOR AMBIENT TEMPERATURE																								
		65°F				75°F				85°F				95°F				105°F				115°F				
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	
80	3063	MBh	104.8	107.1	114.4	122.3	102.3	104.6	111.7	119.4	99.9	102.1	109.1	116.6	97.5	99.6	106.4	113.7	92.6	94.6	101.1	108.1	85.8	87.6	93.6	100.1
		S/T	0.78	0.74	0.60	0.45	0.81	0.76	0.62	0.46	0.83	0.78	0.64	0.48	0.86	0.81	0.66	0.49	0.89	0.84	0.68	0.51	0.90	0.84	0.69	0.51
		ΔT	25	24	21	16	25	24	21	17	25	24	21	17	25	24	21	17	25	24	21	17	23	22	19	15
		kW	6.74	6.92	7.20	7.49	7.40	7.60	7.90	8.22	7.98	8.20	8.53	8.87	8.50	8.73	9.08	9.45	8.94	9.18	9.55	9.94	9.32	9.57	9.95	10.36
		Amps	28.5	29.0	29.8	30.6	30.3	30.8	31.6	32.5	32.3	32.9	33.7	34.7	34.0	34.6	35.6	36.6	35.7	36.4	37.4	38.6	37.4	38.2	39.2	40.4
	HI PR	233	250	265	276	261	281	297	310	297	320	338	352	338	364	384	401	381	410	433	451	421	453	478	498	
	LO PR	101	107	117	125	107	113	124	132	111	118	129	137	116	124	135	144	122	130	142	151	126	134	147	156	
	MBh	110.3	112.7	120.4	128.7	107.7	110.1	117.6	125.7	105.2	107.5	114.8	122.7	102.6	104.8	112.0	119.7	97.5	99.6	106.4	113.7	90.3	92.3	98.6	105.4	
	S/T	0.82	0.77	0.63	0.47	0.85	0.80	0.65	0.48	0.87	0.82	0.66	0.50	0.90	0.84	0.69	0.51	0.93	0.87	0.71	0.53	0.94	0.88	0.72	0.54	
	ΔT	24	23	20	16	24	23	20	16	24	23	20	16	25	24	21	16	24	23	20	16	23	22	19	15	
kW	6.87	7.06	7.34	7.64	7.55	7.76	8.07	8.39	8.15	8.37	8.71	9.06	8.68	8.91	9.27	9.64	9.13	9.37	9.75	10.14	9.51	9.77	10.16	10.57		
Amps	28.9	29.4	30.2	31.0	30.7	31.3	32.1	33.0	32.7	33.4	34.2	35.2	34.5	35.2	36.1	37.2	36.3	37.0	38.0	39.2	38.0	38.8	39.8	41.1		
HI PR	238	256	270	282	267	287	303	316	303	326	344	359	345	372	392	409	388	418	441	460	429	462	488	509		
LO PR	103	110	120	127	109	116	126	135	113	120	131	140	119	126	138	147	125	132	145	154	129	137	150	159		
MBh	113.6	116.1	124.0	132.6	111.0	113.4	121.1	129.5	108.3	110.7	118.2	126.4	105.7	108.0	115.4	123.3	100.4	102.6	109.6	117.2	93.0	95.0	101.5	108.5		
S/T	0.86	0.81	0.66	0.49	0.89	0.83	0.68	0.51	0.91	0.86	0.70	0.52	0.94	0.88	0.72	0.54	1.00	0.92	0.75	0.56	1.00	0.92	0.75	0.56		
ΔT	23	22	19	15	23	22	19	15	23	22	19	15	23	22	19	15	23	22	19	15	22	21	18	14		
kW	6.94	7.13	7.42	7.72	7.63	7.83	8.15	8.48	8.23	8.45	8.79	9.15	8.76	9.00	9.36	9.74	9.22	9.47	9.85	10.24	9.61	9.87	10.26	10.68		
Amps	29.1	29.6	30.4	31.3	30.9	31.5	32.3	33.2	33.0	33.6	34.5	35.5	34.7	35.4	36.4	37.5	36.5	37.2	38.3	39.5	38.3	39.1	40.1	41.4		
HI PR	240	258	273	284	269	290	306	319	306	329	348	363	349	375	396	413	392	422	446	465	433	466	493	514		
LO PR	104	111	121	129	110	117	128	136	114	122	133	141	120	128	139	148	126	134	146	156	130	138	151	161		

85	3063	MBh	106.6	108.7	113.8	121.4	104.1	106.1	111.2	118.6	101.6	103.6	108.5	115.8	99.2	101.1	105.9	112.9	94.2	96.0	100.6	107.3	87.3	89.0	93.2	99.4
		S/T	0.82	0.79	0.72	0.58	0.85	0.82	0.74	0.60	0.87	0.84	0.76	0.62	0.90	0.87	0.79	0.64	0.94	0.90	0.82	0.66	0.94	0.91	0.82	0.67
		ΔT	26	26	24	21	27	26	25	21	27	26	25	21	27	26	25	22	26	26	25	21	25	24	23	20
		kW	6.80	6.99	7.27	7.56	7.47	7.68	7.98	8.31	8.07	8.28	8.62	8.96	8.59	8.82	9.17	9.54	9.03	9.28	9.65	10.04	9.41	9.67	10.05	10.46
		Amps	28.7	29.2	30.0	30.8	30.5	31.0	31.8	32.7	32.5	33.1	34.0	35.0	34.2	34.9	35.8	36.9	36.0	36.7	37.7	38.8	37.7	38.5	39.5	40.8
	HI PR	235	253	267	279	264	284	300	313	300	323	341	356	342	368	388	405	384	414	437	456	425	457	483	503	
	LO PR	102	108	118	126	108	115	125	133	112	119	130	138	118	125	137	145	123	131	143	152	127	136	148	158	
	MBh	112.2	114.4	119.8	127.8	109.6	111.7	117.0	124.8	107.0	109.1	114.2	121.9	104.4	106.4	111.4	118.9	99.2	101.1	105.9	112.9	91.9	93.6	98.1	104.6	
	S/T	0.86	0.83	0.75	0.61	0.89	0.86	0.78	0.63	0.91	0.88	0.79	0.64	0.94	0.91	0.82	0.67	0.98	0.94	0.85	0.69	0.99	0.95	0.86	0.70	
	ΔT	26	25	24	21	26	26	24	21	26	26	24	21	26	26	24	21	26	26	24	21	24	24	23	19	
kW	6.94	7.13	7.42	7.72	7.63	7.83	8.15	8.48	8.23	8.45	8.79	9.15	8.76	9.00	9.36	9.74	9.22	9.47	9.85	10.24	9.61	9.87	10.26	10.68		
Amps	29.1	29.6	30.4	31.3	30.9	31.5	32.3	33.2	33.0	33.6	34.5	35.5	34.7	35.4	36.4	37.5	36.5	37.2	38.3	39.5	38.3	39.1	40.1	41.4		
HI PR	240	258	273	284	269	290	306	319	306	329	348	363	349	375	396	413	392	422	446	465	433	466	493	514		
LO PR	104	111	121	129	110	117	128	136	114	122	133	141	120	128	139	148	126	134	146	156	130	138	151	161		
MBh	115.6	117.8	123.4	131.6	112.9	115.1	120.5	128.6	110.2	112.3	117.7	125.5	107.5	109.6	114.8	122.5	102.1	104.1	109.0	116.3	94.6	96.4	101.0	107.8		
S/T	0.90	0.87	0.78	0.64	0.93	0.90	0.81	0.66	0.96	0.92	0.83	0.68	0.99	0.95	0.86	0.70	1.00	0.99	0.89	0.72	1.00	1.00	0.90	0.73		
ΔT	24	24	23	20	25	24	23	20	25	24	23	20	25	24	23	20	24	24	23	20	22	22	21	18		
kW	7.02	7.21	7.49	7.80	7.71	7.91	8.23	8.57	8.32	8.54	8.88	9.24	8.85	9.09	9.46	9.84	9.31	9.56	9.94	10.35	9.71	9.97	10.37	10.78		
Amps	29.3	29.9	30.6	31.5	31.1	31.7	32.5	33.5	33.2	33.8	34.7	35.8	35.0	35.7	36.6	37.8	36.8	37.5	38.6	39.8	38.6	39.3	40.4	41.7		
HI PR	242	261	275	287	272	293	309	322	309	333	351	366	352	379	400	417	396	426	450	470	438	471	497	519		
LO PR	105	112	122	130	111	118	129	137	115	123	134	143	121	129	141	150	127	135	148	157	131	140	153	163		

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

Shaded area reflects AHRI (TVA) conditions

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

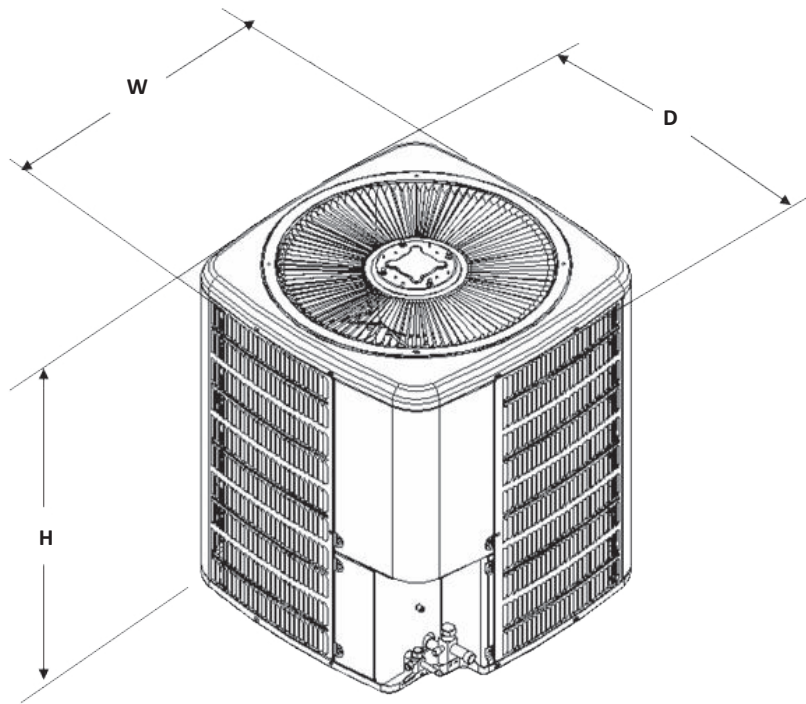
AHRI PERFORMANCE RATINGS

OUTDOOR UNIT	INDOOR UNIT	COOLING CAPACITY ¹		EER / IEER ²	AHRI #
		TOTAL	SENSIBLE		
DX11SA0903A*	DAR0904A*	88,000	63,000	11.2 / 11.5	6334521
	(2)CA*F4961*6D+TXV	88,000	62,000	11.2 / 11.5	6334520
DX11SA0904A*	DAR0904A*	88,000	63,000	11.2 / 11.5	6334523
	(2)CA*F4961*6D+TXV	88,000	62,000	11.2 / 11.5	6334522
DX11SA1203A*	DAR1204A*	114,000	82,000	11.2 / 11.5	6334525
	(2)CA*F4961*6D+TXV	110,000	76,000	11.2 / 11.5	6334524
DX11SA1204A*	DAR1204A*	112,000	80,000	11.2 / 11.5	6334527
	(2)CA*F4961*6D+TXV	110,000	76,000	11.2 / 11.5	6334526

¹ BTU/h

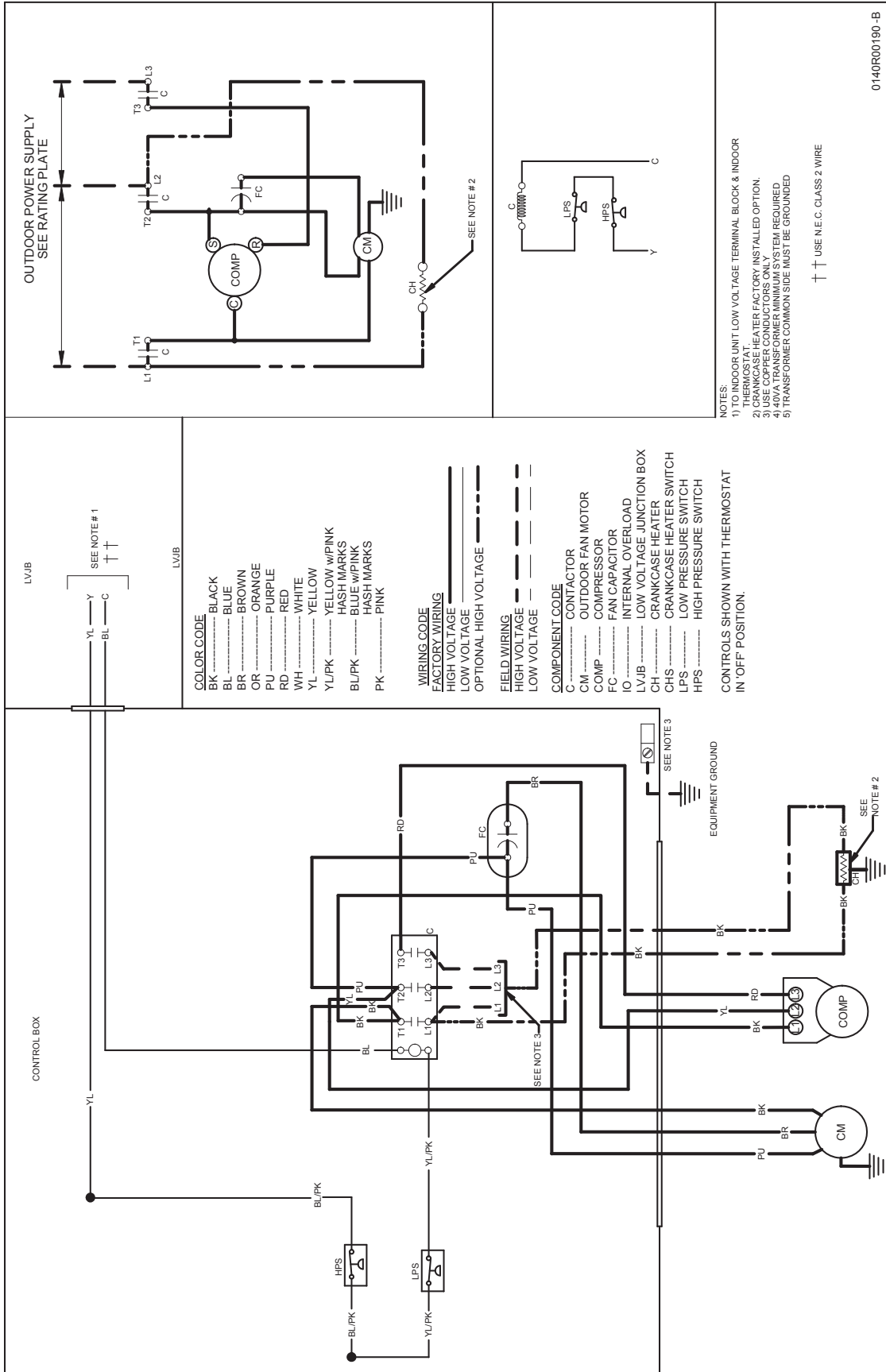
² EER = Energy Efficiency Ratio; IEER = Integrated Energy Efficiency Ratio

DIMENSIONS



MODEL	DIMENSIONS		
	W"	D"	H"
DX11SA0903A*	35½	35½	37½
DX11SA0904A*	35½	35½	37½
DX11SA1203A*	35½	35½	41½
DX11SA1204A*	35½	35½	41½

WIRING DIAGRAM



0140R00190-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 or the unit for the most up-to-date wiring.

ACCESSORIES

MODEL	DESCRIPTION
ABK-20	Anchor Bracket Kit [°]
HPTD18-60	Digital room thermostat with 1-stage cool/1-stage heat
HPT18-60	Standard room thermostat with 1-stage cool/1-stage heat
FSK01A	Freeze Protection Kit ¹
LA-01	Low Ambient Kit

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

¹ Installed on indoor coil

NOTES