

EXTENDED RATINGS												DHH36ESK3IL, DXH36ESK3IL Indoor / Outdoor																			
COOLING PERFORMANCE																															
Outdoor Ambient Temperature (DB)		Return Air Temperature																													
		70°F (DB) / 59°F (WB)					75°F (DB) / 63°F (WB)					80°F (DB) / 67°F (WB)					90°F (DB) / 73°F (WB)														
			TC (Btu/h)	SC (Btu/h)	SHR	EER	Power Input (W)	TC (Btu/h)	SC (Btu/h)	SHR	EER(Btu/(h·W))	Power Input (W)	TC (Btu/h)	SC (Btu/h)	SHR	EER(Btu/(h·W))	Power Input (W)	TC (Btu/h)	SC (Btu/h)	SHR	EER(Btu/(h·W))	Power Input (W)									
MAX OUTPUT*	-20°F	2733.4	5816	4216	72.50%	4.95	1175	8723	6324	72.50%	7.09	1,230	11631	8433	72.50%	8.51	1367	15266	11068	72.50%	11.26	1476									
	-15°F	2733.4	7270	5270	72.50%	5.21	1394	10177	7379	72.50%	7.03	1,449	13085	9487	72.50%	8.25	1585	16720	12122	72.50%	10.97	1695									
	-10°F	2733.4	8360	6061	72.50%	5.66	1476	11268	8169	72.50%	7.36	1,531	14176	10277	72.50%	8.50	1667	17810	12912	72.50%	11.11	1777									
	-5°F	2733.4	9450	6852	72.50%	5.96	1585	12358	8960	72.50%	7.54	1,640	15266	11068	72.50%	8.59	1777	18901	13703	72.50%	11.25	1886									
	0°F	2733.4	10541	7642	72.50%	6.43	1640	13449	9750	72.50%	7.94	1,695	16356	11858	72.50%	8.93	1831	19991	14494	72.50%	11.16	1941									
	5°F	2733.4	13812	10014	72.50%	8.02	1722	16720	12122	72.50%	9.41	1,777	19628	14230	72.50%	10.26	1913	23262	16865	72.50%	11.08	2023									
	10°F	2733.4	14539	10541	72.50%	8.31	1749	17447	12649	72.50%	9.67	1,804	20355	14757	72.50%	10.49	1941	23989	17392	72.50%	11.07	2050									
	15°F	2733.4	15629	11331	72.50%	8.93	1749	18537	13439	72.50%	10.28	1,804	21445	15548	72.50%	11.05	1941	25080	18183	72.50%	11.06	2050									
	20°F	2733.4	15993	11595	72.50%	8.87	1804	18901	13703	72.50%	10.17	1,859	21809	15811	72.50%	10.93	1995	25443	18446	72.50%	10.98	2105									
	25°F	2733.4	16356	11858	72.50%	8.80	1859	19264	13967	72.50%	10.07	1,913	22172	16075	72.50%	10.82	2050	25807	18710	72.50%	10.90	2159									
	30°F	2733.4	17083	12385	72.50%	8.80	1941	19991	14494	72.50%	10.02	1,995	22899	16602	72.50%	10.74	2132	26534	19237	72.50%	11.03	2241									
	35°F	2733.4	17810	12912	72.50%	8.93	1995	20718	15021	72.50%	10.11	2,050	23626	17129	72.50%	10.80	2187	27261	19764	72.50%	11.14	2296									
	40°F	2733.4	19264	13967	72.50%	9.04	2132	22172	16075	72.50%	10.14	2,187	25080	18183	72.50%	10.79	2323	28715	20818	72.50%	11.13	2433									
	45°F	2733.4	20718	15021	72.50%	9.59	2159	23626	17129	72.50%	10.67	2,214	26534	19237	72.50%	11.29	2351	30168	21872	72.50%	11.12	2460									
	50°F	2733.4	21445	15548	72.50%	9.81	2187	24353	17656	72.50%	10.87	2,241	27261	19764	72.50%	11.46	2378	30895	22399	72.50%	11.23	2487									
	55°F	2733.4	22535	16338	72.50%	10.18	2214	25443	18446	72.50%	11.21	2,269	28351	20555	72.50%	11.79	2405	31986	23190	72.50%	11.34	2515									
	60°F	2733.4	22899	16602	72.50%	10.22	2241	25807	18710	72.50%	11.24	2,296	28715	20818	72.50%	11.80	2433	32349	23453	72.50%	11.44	2542									
	65°F	2733.4	23626	17129	72.50%	10.29	2296	26534	19237	72.50%	11.29	2,351	29441	21345	72.50%	11.84	2487	33076	23980	72.50%	11.54	2597									
	70°F	2733.4	26534	19237	72.50%	11.03	2405	29441	21345	72.50%	11.97	2,460	32349	23453	72.50%	12.46	2597	35984	26088	72.50%	11.80	2706									
	75°F	2733.4	28715	20818	72.50%	11.54	2487	31622	22926	72.50%	12.44	2,542	34530	25034	72.50%	12.89	2679	38165	27670	72.50%	12.06	2788									
	80°F	2733.4	29805	21609	72.50%	11.60	2569	32713	23717	72.50%	12.47	2,624	35621	25825	72.50%	12.90	2761	39255	28460	72.50%	12.03	2870									
	85°F	2733.4	31259	22663	72.50%	11.91	2624	34167	24771	72.50%	12.75	2,679	37074	26879	72.50%	13.17	2815	40709	29514	72.50%	12.01	2925									
	90°F	2733.4	30895	22399	72.50%	12.02	2569	33803	24507	72.50%	12.88	2,624	36711	26615	72.50%	13.30	2761	40346	29251	72.50%	11.57	2870									
	95°F	2733.4	30532	22136	72.50%	12.01	2542	33440	24244	72.50%	12.88	2,597	36347.5	28206	77.60%	13.30	2733.40	39982	28987	72.50%	11.14	2843									
	100°F	2733.4	27624	20027	72.50%	11.48	2405	30532	22136	72.50%	12.41	2,460	33440	24244	72.50%	12.88	2597	37074	26879	72.50%	10.61	2706									
	105°F	2733.4	26534	19237	72.50%	11.98	2214	29441	21345	72.50%	12.98	2,269	32349.3	23453	72.50%	13.45	2405	35984	26088	72.50%	10.11	2515									
	110°F	2733.4	25080	18183	72.50%	11.76	2132	27988	20291	72.50%	12.80	2,187	30895	22399	72.50%	13.30	2323	34530	25034	72.50%	9.73	2433									
	115°F	2733.4	24353	17656	72.50%	12.04	2023	27261	19764	72.50%	13.12	2,077	30168.4	21872	72.50%	13.63	2214	33803	24507	72.50%	9.36	2323									
	120°F	2733.4	21082	15284	72.50%	10.71	1968	23989	17392	72.50%	11.86	2,023	26897	19500	72.50%	12.46	2159	30532	22136	72.50%	8.83	2269									
	122°F	2733.4	20718	15021	72.50%	10.98	1886	23626	17129	72.50%	12.17	1,941	26533.7	19237	72.50%	12.77	2077	30168	21872	72.50%	8.32	2187									
	125°F	2733.4	16720	12122	72.50%	9.00	1859	19628	14230	72.50%	10.26	1,913	22535	16338	72.50%	10.99	2050	26170	18973	72.50%	7.92	2159									
	129°F	2733.4	15629	11331	72.50%	10.79	1449	18537	13439	72.50%	12.33	1,503	21445.0	15548	72.50%	13.08	1640	25080	18183	72.50%	7.53	1749									

*Maximum Output values are not based on AHRI test conditions

LEGEND:

W - Watts
 DB - Dry Bulb
 TC - Total Capacity
 SC - Total Capacity
 SHR - Sensible Heat Ratio
 COP - Coefficient of Performance

EXTENDED RATINGS			DHH36ESK3IL, DXH36ESK3IL Indoor / Outdoor										
HEATING PERFORMANCE													
Outdoor Ambient Temperature			Return Air Temperature										
			70°F (DB)			75°F (DB)			80°F (DB)			90°F (DB)	
			TC (Btu/h)	COP(Btu)	Power Input (W)	TC (Btu/h)	COP(Btu)	Power Input (W)	TC (Btu/h)	COP(Btu)	Power Input (W)	TC (Btu/h)	COP(Btu)
MAX OUTPUT*	DB	WB											
	-22°F	-22.5°F	13651	7.22	1890	14331	7.39	1938	15691	7.80	2011	17730	8.32
	-20°F	-20.5°F	13935	7.34	1899	14614	7.50	1948	15974	7.91	2020	18013	8.41
	-15°F	-16°F	13935	7.19	1938	14614	7.36	1986	15974	7.76	2059	18013	8.26
	-10°F	-11°F	14274	7.33	1947	14954	7.50	1995	16314	7.89	2068	18353	8.38
	-5°F	-6°F	16314	8.21	1986	16993	8.35	2035	18353	8.71	2108	20392	9.15
	0°F	-1°F	18693	9.83	1901	19372	9.94	1949	20732	10.25	2022	22771	10.62
	5°F	3°F	19712	10.16	1940	20392	10.26	1988	21751	10.55	2061	23791	10.90
	10°F	8°F	20052	10.13	1979	20732	10.22	2028	22091	10.52	2100	24130	10.86
	15°F	13°F	20392	10.10	2020	21072	10.19	2068	22431	10.48	2141	24470	10.82
	17°F	15°F	21751	10.55	2061	22431	10.63	2109	23791	10.90	2182	25830	11.21
	20°F	17°F	22658	10.77	2103	23337	10.85	2151	24697	11.10	2224	26736	11.40
	25°F	22°F	19712	9.19	2146	20392	9.29	2194	21751	9.59	2267	23791	9.96
	30°F	27°F	25490	11.64	2190	26170	11.69	2238	27529	11.91	2311	29568	12.16
	35°F	33°F	25830	11.56	2234	26510	11.61	2283	27869	11.83	2356	29908	12.08
	40°F	36°F	27189	11.92	2280	27869	11.97	2328	29228	12.17	2401	31268	12.40
	45°F	41°F	32287	13.88	2327	32967	13.88	2375	34326	14.02	2448	36366	14.16
	47°F	43°F	33307	14.03	2374	33987	14.03	2423	35346	14.17	2495	37385	14.29
	50°F	46°F	33987	14.03	2423	34666	14.03	2471	36026	14.16	2544	38065	14.28
	55°F	50°F	34326	13.76	2495	35006	13.76	2544	36366	13.90	2616	38405	14.03
	60°F	55°F	34326	13.36	2570	35006	13.37	2618	36366	13.51	2691	38405	13.66
	65°F	60°F	34666	13.10	2647	35346	13.11	2696	36706	13.26	2768	38745	13.41
	70°F	64°F	35686	13.09	2727	36366	13.10	2775	37725	13.25	2848	39764	13.39
	75°F	69°F	36706	13.07	2808	37385	13.09	2857	38745	13.23	2929	40784	13.37
	80°F	74°F	37725	13.04	2893	38405	13.06	2941	39764	13.19	3014	41804	13.34
	86°F	80°F	39085	13.12	2979	39764	13.13	3028	41124	13.26	3100	43163	13.40

*Maximum Output values are not based on AHRI test conditions

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 - TC - Total Capacity
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 - SHR - Sensible Heat Ratio
 - COP - Coeffecient of Performance