

EXTENDED RATINGS												DHH30ESK3IL, DXH30ESK3IL 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	5318	3856	72.50%	3.63	1465	53182	38557	72.50%	52.55	1012	11002	7976	72.50%	8.45	1302	14303	10370	72.50%	11.26	1271
	-15°F	6205	4498	72.50%	4.21	1475	5909	4284	72.50%	5.59	1058	11258	8162	72.50%	8.60	1309	15110	10955	72.50%	10.97	1377
	-10°F	6795	4927	72.50%	4.58	1485	7386	5355	72.50%	6.79	1088	12298	8916	72.50%	8.43	1459	15783	11443	72.50%	11.11	1420
	-5°F	7091	5141	72.50%	4.71	1505	8273	5998	72.50%	7.51	1101	12925	9371	72.50%	8.57	1509	16456	11931	72.50%	11.25	1463
	0°F	7883	5715	72.50%	5.15	1531	10932	7926	72.50%	6.78	1612	13295.4	9639	72.50%	7.84	1696	16250	11781	72.50%	11.16	1798
	5°F	10329	7489	72.50%	6.46	1600	13591	9853	72.50%	8.07	1684	15954.5	11567	72.50%	9.00	1772	17136	12424	72.50%	11.08	1874
	10°F	15245	11053	72.50%	9.42	1618	14250	10331	72.50%	8.12	1756	16613.6	12045	72.50%	9.50	1748	18023	13066	72.50%	11.07	1949
	15°F	12705	9211	72.50%	7.83	1622	15068	10924	72.50%	8.32	1810	17431.7	12638	72.50%	9.70	1798	18614	13495	72.50%	11.06	1950
	20°F	15918	11540	72.50%	9.56	1666	15527	11257	72.50%	8.48	1830	18249.8	13231	72.50%	9.61	1899	19500	14137	72.50%	10.98	2025
	25°F	13295	9639	72.50%	7.76	1714	15659	11353	72.50%	8.46	1850	18613.5	13495	72.50%	9.47	1966	20298	14716	72.50%	10.90	2079
	30°F	13886	10068	72.50%	7.79	1782	16250	11781	72.50%	8.64	1880	19431.6	14088	72.50%	9.84	1975	21095	15294	72.50%	11.03	2132
	35°F	17533	12711	72.50%	9.77	1795	17545	12720	72.50%	9.22	1902	20113.4	14582	72.50%	10.14	1984	21893	15872	72.50%	11.14	2185
	40°F	15656	11351	72.50%	8.56	1828	18023	13066	72.50%	9.37	1924	20386.3	14780	72.50%	10.07	2025	22691	16451	72.50%	11.13	2238
	45°F	18340	13297	72.50%	9.82	1867	18966	13750	72.50%	9.54	1988	20931.8	15176	72.50%	10.23	2045	23489	17029	72.50%	11.12	2291
	50°F	17432	12638	72.50%	8.98	1942	19795	14352	72.50%	9.78	2025	22159.0	16065	72.50%	10.30	2152	24286	17608	72.50%	11.23	2344
	55°F	18614	13495	72.50%	9.26	2011	20977	15208	72.50%	10.18	2061	23340.8	16922	72.50%	10.48	2228	25084	18186	72.50%	11.34	2398
	60°F	20359	14760	72.50%	10.12	2011	21669	15710	72.50%	10.33	2098	23683.3	17170	72.50%	10.37	2284	25882	18764	72.50%	11.44	2451
	65°F	19500	14137	72.50%	9.38	2079	21864	15851	72.50%	10.24	2134	24227.1	17565	72.50%	10.52	2304	26679	19343	72.50%	11.54	2504
	70°F	19032	13798	72.50%	9.06	2100	23115	16758	72.50%	10.65	2171	25169.4	18248	72.50%	10.72	2348	27477	19921	72.50%	11.80	2557
	75°F	23341	16922	72.50%	10.42	2239	25704	18636	72.50%	11.64	2208	28068.0	20349	72.50%	11.31	2481	28275	20499	72.50%	12.06	2610
	80°F	21512	15596	72.50%	9.75	2207	26583	19272	72.50%	11.85	2244	28179.9	20430	72.50%	11.27	2500	29073	21078	72.50%	12.03	2613
	85°F	25409	18422	72.50%	10.80	2354	27773	20135	72.50%	12.18	2281	30136.2	21849	72.50%	11.56	2608	29870	21656	72.50%	12.01	2620
	90°F	22109	16029	72.50%	9.61	2300	27385	19854	72.50%	11.82	2317	31604.7	22913	72.50%	12.25	2580	30668	22234	72.50%	11.57	2640
	95°F	24818	17993	72.50%	10.86	2285	27182	19707	72.50%	11.55	2354	29545.3	22927	77.60%	11.67	2531.80	32204	23348	72.50%	11.14	2658
100°F	20628	14955	72.50%	9.19	2244	25856	18745	72.50%	11.47	2254	28351	20554	72.50%	11.42	2484	30004	21753	72.50%	10.61	2827	
105°F	21568	15637	72.50%	10.73	2011	23932	17350	72.50%	11.31	2117	26295.3	19064	72.50%	11.80	2228	29841	21635	72.50%	10.11	2912	
110°F	19552	14175	72.50%	9.86	1983	23008	16681	72.50%	11.48	2004	25300	18343	72.50%	11.61	2180	28319	20532	72.50%	9.73	2911	
115°F	19795	14352	72.50%	10.70	1851	22159	16065	72.50%	11.75	1886	24522.6	17779	72.50%	11.96	2051	27138	19675	72.50%	9.36	3064	
120°F	18206	13199	72.50%	10.26	1774	21260	15414	72.50%	12.03	1767	23599.9	17110	72.50%	12.12	1947	25956	18818	72.50%	8.83	2940	
122°F	16841	12210	72.50%	10.38	1623	19204	13923	72.50%	11.65	1648	21568.1	15637	72.50%	11.76	1833.45	24774	17961	72.50%	8.32	2913	
125°F	16591	12028	72.50%	10.68	1553	17920	12992	72.50%	11.71	1530	20910.8	15160	72.50%	12.15	1720	23592	17104	72.50%	7.92	2980	
129°F	15918	11540	72.50%	10.96	1452	15068	10924	72.50%	10.68	1411	17431.7	12638	72.50%	10.85	1607	22410	16248	72.50%	7.53	3065	

*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			DHH30ESK3IL, DXH30ESK3IL 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	11849	5.83	2034	12441	6.00	2074	13508	6.27	2156	14219	6.41
	-20°F	-20.5°F	12685	6.11	2075	13319	6.29	2117	14461	6.57	2200	15222	6.73
	-15°F	-16°F	14160	6.69	2117	14868	6.88	2160	16142	7.19	2244	16992	7.36
	-10°F	-11°F	16225	7.51	2161	17036	7.73	2204	18496	8.08	2290	19470	8.27
	-5°F	-6°F	14160	6.69	2117	14868	6.88	2160	16142	7.19	2244	16992	7.36
	0°F	-1°F	16225	7.51	2161	17036	7.73	2204	18496	8.08	2290	19470	8.27
	5°F	3°F	17110	7.81	2191	17965	8.04	2235	19505	8.40	2323	20532	8.60
	10°F	8°F	17896	8.08	2214	18791	8.32	2259	20402	8.69	2347	21476	8.90
	15°F	13°F	18713	8.36	2237	19648	8.61	2282	21333	8.99	2372	22455	9.21
	17°F	15°F	19529	8.64	2260	20506	8.89	2306	22263	9.29	2396	23435	9.51
	20°F	17°F	20346	8.91	2283	21363	9.17	2329	23194	9.58	2420	24415	9.81
	25°F	22°F	22125	9.26	2390	23231	9.53	2438	25222	9.95	2534	26550	10.19
	30°F	27°F	22125	9.26	2390	23231	9.53	2438	25222	9.95	2534	26550	10.19
	35°F	33°F	22420	9.19	2439	23540	9.46	2488	25558	9.89	2585	26903	10.12
	40°F	36°F	28024	11.26	2489	29426	11.59	2539	31948	12.11	2638	33629	12.40
	45°F	41°F	28909	11.38	2540	30355	11.72	2590	32957	12.24	2692	34691	12.53
	47°F	43°F	29499	13.68	2592	30974	11.72	2643	33629	12.24	2747	35399	12.53
	50°F	46°F	30286	11.45	2644	31800	11.79	2697	34526	12.32	2803	36343	12.61
	55°F	50°F	29794	11.16	2669	31284	11.49	2723	33966	12.00	2829	35753	12.29
	60°F	55°F	30089	10.94	2749	31594	11.27	2804	34302	11.77	2914	36107	12.05
	65°F	60°F	30974	10.94	2832	32523	11.26	2888	35311	11.76	3002	37169	12.04
	70°F	64°F	31859	10.92	2917	33452	11.24	2975	36320	11.75	3092	38231	12.03
	75°F	69°F	32744	10.90	3004	34382	11.22	3064	37329	11.72	3185	39293	12.00
	80°F	74°F	33924	10.96	3094	35621	11.29	3156	38674	11.79	3280	40709	12.07
	86°F	80°F	34809	10.95	3178	36550	11.28	3242	39683	11.78	3369	41771	12.06

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