

EXTENDED RATINGS										DHH18PUK3IH, DXH18PUK3IH 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	8578	5404	63%	10.10	850	8843	5748	65%	10.20	867	9070	5986	66%	10.25	885	9705	6502	67%	10.45	929
	-15°F	8843	5660	64%	10.20	867	9117	6017	66%	10.31	885	9351	6265	67%	10.36	903	10005	6804	68%	10.56	948
	-10°F	9117	5835	64%	10.31	885	9399	6203	66%	10.41	903	9640	6459	67%	10.46	921	10315	7014	68%	10.66	967
	-5°F	9399	6015	64%	10.41	903	9690	6395	66%	10.52	921	9938	6658	67%	10.57	940	10634	7231	68%	10.77	987
	0°F	9690	6201	64%	10.52	921	9989	6593	66%	10.63	940	10245	6864	67%	10.68	959	10962	7454	68%	10.89	1007
	5°F	9989	6493	65%	10.63	940	10298	6900	67%	10.74	959	10562	7182	68%	10.79	979	11302	7798	69%	11.00	1028
	10°F	10298	6694	65%	10.74	959	10617	7113	67%	10.85	979	10889	7404	68%	10.90	999	11651	8039	69%	11.11	1049
	15°F	10617	6901	65%	10.85	979	10945	7333	67%	10.96	999	11226	7633	68%	11.02	1019	12011	8288	69%	11.23	1070
	20°F	10945	7114	65%	10.96	999	11283	7560	67%	11.07	1019	11573	7870	68%	11.13	1040	12383	8544	69%	11.34	1092
	25°F	11283	7447	66%	11.07	1019	11632	7910	68%	11.19	1040	11931	8232	69%	11.24	1061	12766	8936	70%	11.46	1114
	30°F	11632	7677	66%	11.19	1040	11992	8155	68%	11.30	1061	12300	8487	69%	11.36	1083	13161	9212	70%	11.58	1137
	35°F	11992	7915	66%	11.30	1061	12363	8407	68%	11.42	1083	12680	8749	69%	11.48	1105	13568	9497	70%	11.70	1160
	40°F	12363	8160	66%	11.42	1083	12745	8667	68%	11.54	1105	13072	9020	69%	11.60	1127	13987	9791	70%	11.82	1184
	45°F	12745	8539	67%	11.54	1105	13140	9066	69%	11.66	1127	13477	9434	70%	11.71	1150	14420	10238	71%	11.94	1208
	50°F	13140	8804	67%	11.66	1127	13546	9347	69%	11.78	1150	13893	9725	70%	11.84	1174	14866	10555	71%	12.06	1233
	55°F	13546	9076	67%	11.78	1150	13965	9636	69%	11.90	1174	14323	10026	70%	11.96	1198	15326	10881	71%	12.19	1258
	60°F	13965	9357	67%	11.90	1174	14397	9934	69%	12.02	1198	14766	10336	70%	12.08	1222	15800	11218	71%	12.31	1283
	65°F	16429	11172	68%	12.04	1365	16938	11856	70%	12.16	1393	17372	12334	71%	12.22	1421	18588	13383	72%	12.46	1492
	70°F	16765	11400	68%	12.16	1379	17283	12098	70%	12.28	1407	17726	12586	71%	12.35	1436	18967	13656	72%	12.58	1507
	75°F	17283	11753	68%	12.28	1407	17818	12472	70%	12.41	1436	18275	12975	71%	12.48	1465	19554	14079	72%	12.71	1538
	80°F	19640	13355	68%	12.15	1617	20247	14173	70%	12.27	1650	20767	14744	71%	12.33	1684	22220	15999	72%	12.57	1768
	85°F	19255	13286	69%	11.67	1650	19850	14094	71%	11.79	1684	20359	14659	72%	11.85	1718	21785	15903	73%	12.08	1804
	90°F	21394	14762	69%	11.54	1854	22056	15660	71%	11.66	1892	22622	16288	72%	11.72	1931	24205	17670	73%	11.94	2027
	95°F	20975	14473	69%	11.20	1873	21624	15353	71%	11.32	1911	22178	15968	72%	11.37	1950	23730	17323	73%	11.59	2048
100°F	20346	14038	69%	10.55	1929	20975	14892	71%	10.66	1968	21513	15489	72%	10.71	2009	23019	16804	73%	10.91	2109	
105°F	19532	13672	70%	9.74	2006	20136	14498	72%	9.84	2047	20652	15076	73%	9.89	2089	22098	16352	74%	10.08	2193	
110°F	18841	13189	70%	8.61	2187	19424	13985	72%	8.70	2232	19922	14543	73%	8.75	2278	21317	15774	74%	8.91	2391	
115°F	15450	10815	70%	8.31	1859	15928	11468	72%	8.40	1897	16336	11925	73%	8.44	1936	17480	12935	74%	8.60	2033	
120°F	14214	9950	70%	7.96	1785	14653	10550	72%	8.05	1821	15029	10971	73%	8.09	1859	16081	11900	74%	8.24	1951	
122°F	13219	9385	71%	7.71	1714	13628	9948	73%	7.79	1748	13977	10343	74%	7.83	1784	14956	11217	75%	7.98	1873	
125°F	12558	8916	71%	7.26	1731	12946	9451	73%	7.33	1766	13278	9826	74%	7.37	1802	14208	10656	75%	7.51	1892	
129°F	11051	7846	71%	6.79	1627	11393	8317	73%	6.86	1660	11685	8647	74%	6.90	1694	12503	9377	75%	7.03	1779	

*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 - Coeffecient of Performance

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HEATING PERFORMANCE													
Outdoor Ambient Temperature			Return Air Temperature										
			70°F (DB)			75°F (DB)			80°F (DB)			90°F (DB)	
			TC (Btu/h)	COP(W/W)	Power Input (W)	TC (Btu/h)	COP(W/W)	Power Input (W)	TC (Btu/h)	COP(W/W)	Power Input (W)	TC (Btu/h)	COP(W/W)
MAX OUTPUT*	DB	WB											
	-22°F		10462	1.71	1793	10200	1.64	1828	9894	1.55	1865	9498	1.46
	-20°F		11249	1.78	1848	10968	1.71	1885	10639	1.62	1923	10213	1.53
	-15°F		12096	1.86	1905	11793	1.78	1943	11440	1.69	1982	10982	1.59
	-10°F		12868	1.92	1964	12546	1.84	2003	12170	1.75	2043	11683	1.64
	-5°F		13689	1.98	2025	13347	1.89	2065	12946	1.80	2107	12429	1.70
	0°F		14410	2.02	2087	14049	1.93	2129	13628	1.84	2172	13083	1.73
	5°F		15010	2.04	2152	14635	1.95	2195	14196	1.86	2239	13628	1.75
	10°F		16289	2.14	2232	15882	2.04	2277	15405	1.94	2322	14789	1.83
	15°F		16826	2.19	2255	16405	2.09	2300	15913	1.99	2346	15277	1.87
	17°F		17363	2.23	2278	16929	2.14	2323	16421	2.03	2370	15764	1.91
	20°F		17900	2.26	2324	17453	2.16	2370	16929	2.05	2418	16252	1.93
	25°F		18136	2.38	2235	17682	2.27	2280	17152	2.16	2325	16466	2.03
	30°F		18319	2.50	2149	17861	2.39	2192	17325	2.27	2236	16632	2.14
	35°F		18504	2.57	2107	18041	2.46	2149	17500	2.34	2192	16800	2.20
	40°F		21513	3.11	2030	20975	2.97	2070	20346	2.82	2111	19532	2.66
	45°F		22178	3.17	2050	21624	3.03	2091	20975	2.88	2133	20136	2.71
	47°F		22511	3.19	2071	21948	3.05	2112	21289	2.90	2154	20438	2.73
	50°F		19359	3.56	1594	18875	3.40	1626	18309	3.24	1659	17577	3.04
	55°F		18972	3.52	1578	18498	3.37	1610	17943	3.20	1642	17225	3.01
60°F		17075	3.48	1436	16648	3.33	1465	16148	3.17	1494	15503	2.98	
65°F		16563	3.45	1408	16148	3.30	1436	15664	3.13	1464	15037	2.95	
70°F		12422	3.36	1084	12111	3.21	1106	11748	3.05	1128	11278	2.87	
75°F		11925	3.29	1062	11627	3.15	1083	11278	2.99	1105	10827	2.82	
80°F		11448	3.21	1046	11162	3.07	1067	10827	2.92	1088	10394	2.74	
86°F		10876	3.11	1025	10604	2.97	1046	10286	2.83	1067	9874	2.66	

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