

EXTENDED RATINGS						DHH24PUK3IH, DXH24PUK3IH 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	10073	7303	72.50%	12.28	820	12150	8808	72.50%	12.01	1012	13002	9426	72.50%	12.73	1021	14303	10370	72.50%	11.26	1271
	-15°F	10880	7888	72.50%	12.71	856	12957	9394	72.50%	12.25	1058	13258	9612	72.50%	12.44	1066	15110	10955	72.50%	10.97	1377
	-10°F	11553	8376	72.50%	12.84	900	13630	9882	72.50%	12.53	1088	13998	10149	72.50%	12.75	1098	15783	11443	72.50%	11.11	1420
	-5°F	12226	8864	72.50%	12.50	978	14303	10370	72.50%	12.99	1101	14325	10386	72.50%	12.92	1109	16456	11931	72.50%	11.25	1463
	0°F	12495	9059	72.50%	12.52	998	14572	10565	72.50%	12.95	1125	14689	10650	72.50%	12.92	1137	16725	12126	72.50%	11.16	1498
	5°F	12765	9254	72.50%	12.79	998	14841	10760	72.50%	12.82	1158	15345	11125	72.50%	13.23	1160	16994	12321	72.50%	11.08	1534
	10°F	13168	9547	72.50%	12.43	1059	15245	11053	72.50%	12.82	1189	15985	11589	72.50%	13.34	1198	17398	12614	72.50%	11.07	1572
	15°F	13572	9840	72.50%	12.35	1099	15649	11345	72.50%	13.04	1200	16258	11787	72.50%	13.45	1209	17802	12906	72.50%	11.06	1610
	20°F	13841	10035	72.50%	12.58	1100	15918	11540	72.50%	13.03	1222	16896	12250	72.50%	13.71	1232	18071	13102	72.50%	10.98	1646
	25°F	14110	10230	72.50%	12.70	1111	16187	11736	72.50%	12.87	1258	17258	12512	72.50%	13.61	1268	18340	13297	72.50%	10.90	1682
	30°F	14783	10718	72.50%	12.80	1155	16860	12223	72.50%	13.32	1266	17862	12950	72.50%	13.98	1278	19013	13785	72.50%	11.03	1725
	35°F	15456	11206	72.50%	13.23	1168	17533	12711	72.50%	13.72	1278	18256	13236	72.50%	14.16	1289	19686	14272	72.50%	11.14	1767
	40°F	15860	11498	72.50%	13.54	1172	17937	13004	72.50%	13.93	1288	18862	13675	72.50%	14.52	1299	20090	14565	72.50%	11.13	1805
	45°F	16264	11791	72.50%	13.52	1203	18340	13297	72.50%	14.10	1301	19256	13961	72.50%	14.81	1300	20494	14858	72.50%	11.12	1843
	50°F	16937	12279	72.50%	13.72	1234	19013	13785	72.50%	14.32	1328	19587	14201	72.50%	14.84	1320	21166	15346	72.50%	11.23	1885
	55°F	17609	12767	72.50%	13.91	1266	19686	14272	72.50%	14.50	1358	20368	14767	72.50%	14.67	1388	21839	15834	72.50%	11.34	1927
	60°F	18282	13255	72.50%	14.09	1297	20359	14760	72.50%	14.66	1389	20532	14886	72.50%	14.72	1395	22512	16321	72.50%	11.44	1968
	65°F	18955	13743	72.50%	14.27	1329	21032	15248	72.50%	14.90	1412	21589	15652	72.50%	15.10	1430	23185	16809	72.50%	11.54	2010
	70°F	19032	13798	72.50%	13.99	1360	22109	16029	72.50%	15.51	1425	22658	16427	72.50%	15.43	1468	24262	17590	72.50%	11.80	2056
	75°F	20109	14579	72.50%	14.45	1392	23185	16809	72.50%	15.57	1489	23853	17293	72.50%	15.91	1499	25338	18370	72.50%	12.06	2101
	80°F	21512	15596	72.50%	15.38	1399	23589	17102	72.50%	15.75	1498	24578	17819	72.50%	15.99	1537	26742	19388	72.50%	12.03	2222
	85°F	21916	15889	72.50%	15.64	1401	23993	17395	72.50%	16.00	1500	24895	18049	72.50%	15.88	1568	26146	18956	72.50%	12.01	2177
	90°F	22109	16029	72.50%	15.69	1409	23185	16809	72.50%	15.33	1512	23189	16812	72.50%	14.30	1622	25338	18370	72.50%	11.57	2190
	95°F	21301	15443	72.50%	14.90	1430	22378	16224	72.50%	14.70	1522	22947	17810	77.60%	13.99	1642	24531	17785	72.50%	11.14	2202
100°F	20628	14955	72.50%	14.24	1449	21705	15736	72.50%	13.66	1589	22351	16204	72.50%	13.07	1710	23858	17297	72.50%	10.61	2248	
105°F	19955	14468	72.50%	13.29	1501	21032	15248	72.50%	13.05	1612	21586	15650	72.50%	12.07	1789	23185	16809	72.50%	10.11	2293	
110°F	19552	14175	72.50%	12.58	1554	20628	14955	72.50%	12.69	1625	20658	14977	72.50%	11.28	1832	22781	16517	72.50%	9.73	2342	
115°F	19148	13882	72.50%	11.92	1606	20224	14663	72.50%	12.34	1639	19652	14248	72.50%	10.36	1896	22378	16224	72.50%	9.36	2390	
120°F	18206	13199	72.50%	11.28	1615	19282	13980	72.50%	11.42	1688	18358	13310	72.50%	9.50	1932	21436	15541	72.50%	8.83	2428	
122°F	17264	12516	72.50%	10.64	1623	18340	13297	72.50%	10.80	1698	17589	12752	72.50%	8.95	1966	20494	14858	72.50%	8.32	2464	
125°F	16591	12028	72.50%	10.15	1635	17667	12809	72.50%	10.39	1701	16958	12295	72.50%	8.48	1999	19821	14370	72.50%	7.92	2504	
129°F	15918	11540	72.50%	9.67	1646	16994	12321	72.50%	9.85	1726	15968	11577	72.50%	7.72	2068	18148	13157	72.50%	7.53	2409	

*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			DHH24PUK3IH, DXH24PUK3IH Indoor / Outdoor										
HEATING PERFORMANCE													
Outdoor Ambient Temperature			Return Air Temperature										
			70°F (DB)			75°F (DB)			80°F (DB)			90°F (DB)	
MAX OUTPUT*	DB	WB	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)
	-22°F	-22.5°F	13559	10.65	1274	13029	10.03	1299	12500	9.51	1315	11970	8.81
	-20°F	-20.5°F	13956	10.79	1294	13266	10.20	1300	12897	9.51	1356	12367	9.03
	-15°F	-16°F	14353	10.92	1314	13823	10.18	1358	13294	9.65	1377	12764	9.20
	-10°F	-11°F	15279	11.45	1334	14750	10.67	1382	14220	10.25	1388	13691	9.79
	-5°F	-6°F	15606	11.52	1355	15676	11.21	1398	15147	10.82	1400	14617	9.95
	0°F	-1°F	16790	11.90	1411	16470	11.45	1438	15941	11.01	1448	15411	10.38
	5°F	3°F	17302	12.02	1440	17264	11.85	1457	16735	11.24	1489	16206	10.81
	10°F	8°F	17853	12.04	1483	18323	12.22	1499	17794	11.80	1508	17264	10.96
	15°F	13°F	18250	12.12	1506	19250	12.28	1568	18720	11.87	1577	18191	11.37
	17°F	15°F	19347	12.50	1548	20176	12.79	1578	19647	12.38	1587	19117	11.82
	20°F	17°F	19705	12.52	1573	20176	12.71	1587	19647	12.29	1598	19117	11.76
	25°F	22°F	20500	12.66	1620	20970	12.75	1645	20441	12.25	1669	19911	11.73
	30°F	27°F	21397	12.84	1666	21367	12.65	1689	20838	12.24	1702	20308	11.75
	35°F	33°F	21694	12.94	1677	21764	12.82	1698	21235	12.31	1725	20705	11.65
	40°F	36°F	23147	13.49	1715	22617	12.58	1798	22088	12.20	1811	21558	11.81
	45°F	41°F	23941	13.57	1765	23411	13.09	1789	22882	12.71	1800	22352	12.12
	47°F	43°F	24900	13.68	1820	23941	13.01	1840	23411	12.61	1856	22882	12.16
	50°F	46°F	24470	13.36	1831	23676	12.54	1888	23147	12.25	1889	22617	11.90
	55°F	50°F	23941	13.01	1840	23211	12.24	1896	22882	12.04	1900	22352	11.68
	60°F	55°F	23676	12.69	1865	23147	12.25	1890	22617	11.91	1899	22088	11.62
	65°F	60°F	23147	12.41	1865	23017	12.31	1870	22088	11.69	1889	21558	11.35
	70°F	64°F	22882	13.06	1752	22452	12.71	1766	21823	12.23	1785	21294	11.84
	75°F	69°F	22617	13.00	1740	22088	12.59	1755	21558	12.19	1768	21029	11.83
	80°F	74°F	20500	12.32	1664	19970	11.82	1689	19441	11.44	1699	18911	11.12
	86°F	80°F	18853	11.68	1614	18323	11.30	1622	17794	10.88	1635	17264	10.50

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