

EXTENDED RATINGS											DHH09PUK3IH, DXH09PUK3IH 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	7260.96	5264.2	73%	11.10	654	7779.6	5640	73%	11.51	675.8	8038.92	5828.22	73%	11.35	709	8816.88	6392.238	73%	11.56	763
	-15°F	7649.94	5546.21	73%	11.44	669	8168.58	5922	72%	11.60	704.14	8427.9	6110.23	73%	11.37	741	9205.86	6674.2485	73%	11.27	817.173
	-10°F	7974.09	5801.15	73%	11.66	684	8492.73	6178	73%	11.80	719.6725	8752.05	6367.12	73%	11.55	758	9530.01	6933.082275	73%	11.41	835.198875
	-5°F	8298.24	6057.72	73%	11.88	698	8816.88	6436	73%	11.99	735.205	9076.2	6625.63	73%	11.73	774	9854.16	7193.5368	73%	11.55	853.22475
	0°F	8427.9	6173.44	73%	11.82	713	8946.54	6553	73%	11.92	750.7375	9205.86	6743.29	73%	11.65	790	9983.82	7313.14815	73%	11.46	871.250625
	5°F	8557.56	6289.81	74%	11.76	728	9076.2	6671	74%	11.84	766.27	9335.52	6861.61	74%	11.57	807	10113.48	7433.4078	74%	11.37	889.2765
	10°F	8752.05	6454.64	74%	11.78	743	9270.69	6837	74%	11.86	781.8025	9530.01	7028.38	74%	11.58	823	10307.97	7602.127875	74%	11.36	907.302375
	15°F	8946.54	6620.44	74%	11.81	757	9465.18	7004	74%	11.87	797.335	9724.5	7196.13	74%	11.59	839	10502.46	7771.8204	74%	11.35	925.32825
	20°F	9076.2	6739.08	74%	11.75	772	9594.84	7124	74%	11.80	812.8675	9854.16	7316.71	74%	11.52	856	10632.12	7894.3491	74%	11.27	943.354125
	25°F	9205.86	6858.37	75%	11.70	787	9724.5	7245	74%	11.74	828.4	9983.82	7437.95	75%	11.45	872	10761.78	8017.5261	75%	11.19	961.38
	30°F	9530.01	7123.68	75%	11.89	802	10048.65	7511	75%	11.91	843.9325	10307.97	7705.21	75%	11.60	888	11085.93	8286.732675	75%	11.32	979.405875
	35°F	9854.16	7390.62	75%	12.07	816	10372.8	7780	75%	12.07	859.465	10632.12	7974.09	75%	11.75	905	11410.08	8557.56	75%	11.44	997.43175
	40°F	10048.65	7561.61	75%	12.09	831	10567.29	7952	75%	12.08	874.9975	10826.61	8147.02	75%	11.75	921	11604.57	8732.438925	75%	11.43	1015.457625
	45°F	10243.14	7733.57	75%	12.11	846	10761.78	8125	75%	12.08	890.53	11021.1	8320.93	75%	11.76	937	11799.06	8908.2903	76%	11.42	1033.4835
	50°F	10567.29	8004.72	76%	12.28	861	11085.93	8398	76%	12.24	906.0625	11345.25	8594.03	76%	11.90	954	12123.21	9183.331575	76%	11.53	1051.509375
	55°F	10891.44	8277.49	76%	12.44	876	11410.08	8672	76%	12.38	921.595	11669.4	8868.74	76%	12.03	970	12447.36	9459.9936	76%	11.64	1069.53525
	60°F	11215.59	8551.89	76%	12.60	890	11734.23	8947	76%	12.52	937.1275	11993.55	9145.08	76%	12.16	986	12771.51	9738.276375	76%	11.74	1087.561125
	65°F	11539.74	8827.9	76%	12.75	905	12058.38	9225	76%	12.66	952.66	12317.7	9423.04	76%	12.28	1003	13095.66	10018.1799	77%	11.84	1105.587
	70°F	12058.38	9254.81	77%	13.11	920	12577.02	9653	77%	12.99	968.1925	12836.34	9851.89	77%	12.60	1019	13614.3	10448.97525	77%	12.12	1123.612875
	75°F	12577.02	9684	77%	13.46	935	13095.66	10084	77%	13.31	983.725	13354.98	10283.33	77%	12.90	1036	14132.94	10882.3638	77%	12.38	1141.63875
	80°F	12771.51	9865.99	77%	13.45	949	13290.15	10267	77%	13.30	999.2575	13549.47	10466.97	77%	12.88	1052	14327.43	11067.93968	77%	12.35	1159.664625
	85°F	12966	10048.65	78%	13.45	964	13484.64	10451	78%	13.29	1014.79	13743.96	10651.57	78%	12.87	1068	14521.92	11254.488	78%	12.33	1177.6905
	90°F	12577.02	9778.63	78%	12.91	974	13095.66	10182	78%	12.77	1025.145	13354.98	10383.5	78%	12.38	1079	14132.94	10988.36085	78%	11.88	1189.70775
	95°F	12188.04	9506.67	78%	12.39	984	12706.68	9911	78%	12.27	1035.5	12966	10113.48	78%	11.90	1090	13743.96	10720.2888	78%	11.44	1201.725
100°F	11863.89	9283.49	78%	11.77	1008	12382.53	9689	78%	11.67	1061.3875	12641.85	9892.25	78%	11.32	1117	13419.81	10501.00133	78%	10.89	1231.768125	
105°F	11539.74	9058.7	79%	11.17	1033	12058.38	9466	79%	11.09	1087.275	12317.7	9669.39	78%	10.76	1145	13095.66	10280.0931	79%	10.38	1261.81125	
110°F	11345.25	8934.38	79%	10.73	1058	11863.89	9343	79%	10.66	1113.1625	12123.21	9547.03	79%	10.35	1172	12901.17	10159.67138	79%	9.99	1291.854375	
115°F	11150.76	8809.1	79%	10.30	1082	11669.4	9219	79%	10.24	1139.05	11928.72	9423.69	79%	9.95	1199	12706.68	10038.2772	79%	9.61	1321.8975	
120°F	10696.95	8477.33	79%	9.85	1086	11215.59	8888	79%	9.63	1164.9375	11474.91	9093.87	79%	9.36	1226	12252.87	9710.399475	79%	9.06	1351.940625	
122°F	10243.14	8143.3	80%	9.40	1090	10761.78	8556	80%	9.04	1190.825	11021.1	8761.77	79%	8.79	1254	11799.06	9380.2527	80%	8.54	1381.98375	
125°F	9918.99	7910.39	80%	9.05	1095	10437.63	8324	80%	8.74	1194.9125	10696.95	8530.82	80%	8.35	1281	11474.91	9151.240725	80%	8.13	1412.026875	
129°F	9594.84	7675.87	80%	8.72	1101	10113.48	8091	80%	8.43	1199	10372.8	8298.24	80%	7.93	1308	11150.76	8920.608	80%	7.73	1442.07	

*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			DHH09PUK3IH, DXH09PUK3IH 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(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	-22.5°F	7257	1.78	1193	6957	1.68	1217	6657	1.57	1241	6356	1.47
	-20°F	-20.5°F	7482	1.82	1205	7182	1.71	1229	6882	1.61	1254	6582	1.51
	-15°F	-16°F	7708	1.86	1217	7407	1.75	1241	7107	1.64	1266	6807	1.54
	-10°F	-11°F	8233	1.96	1230	7933	1.85	1254	7632	1.75	1279	7332	1.65
	-5°F	-6°F	8759	2.07	1242	8458	1.96	1267	8158	1.85	1292	8858	1.97
	0°F	-1°F	9209	2.13	1267	8909	2.02	1293	8608	1.91	1318	9308	2.03
	5°F	3°F	9659	2.19	1293	9359	2.08	1319	9059	1.97	1345	9759	2.08
	10°F	8°F	11260	2.50	1320	10960	2.39	1346	10659	2.28	1373	10359	2.17
	15°F	13°F	11485	2.53	1333	11485	2.48	1360	11185	2.36	1387	10884	2.26
	17°F	15°F	11710	2.55	1346	12010	2.56	1373	11710	2.45	1401	11410	2.34
	20°F	17°F	12311	2.63	1374	12010	2.51	1401	11710	2.40	1429	11410	2.29
	25°F	22°F	12761	2.67	1402	12461	2.55	1430	12161	2.44	1459	11860	2.34
	30°F	27°F	12986	2.69	1416	12686	2.57	1445	12386	2.46	1474	12086	2.36
	35°F	33°F	13211	2.71	1431	12911	2.59	1459	12611	2.48	1488	12311	2.38
	40°F	36°F	14262	2.86	1460	13962	2.75	1489	13662	2.64	1519	13362	2.53
	45°F	41°F	14713	2.89	1490	14413	2.78	1519	14112	2.67	1550	13812	2.56
	47°F	43°F	15013	2.89	1520	14713	2.78	1550	14413	2.67	1581	14112	2.56
	50°F	46°F	14863	2.85	1528	14563	2.74	1558	14262	2.63	1589	13962	2.52
	55°F	50°F	14713	2.81	1535	14413	2.70	1566	14112	2.59	1597	13812	2.48
	60°F	55°F	14563	2.75	1550	14262	2.64	1581	13962	2.54	1613	13662	2.43
	65°F	60°F	14262	2.81	1490	13962	2.69	1519	13662	2.58	1550	13362	2.48
	70°F	64°F	14112	2.79	1482	13812	2.68	1512	13512	2.57	1542	13211	2.46
	75°F	69°F	13962	2.78	1474	13661.8	2.66	1503.888	13362	2.55	1534	13061.3	2.45
	80°F	74°F	12761	2.62	1429	12461	2.51	1457	12161	2.40	1487	11860	2.29
	86°F	80°F	11260	2.36	1398	10959.5	2.25	1426.368	10659	2.15	1455	10359	2.05

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