

NØRDIS ULTIMA R290 6-16kW heating performance data (defrost included)

HLT6MONO-S / SCOP (35°C) - 4.81						
Ambient temperature, °C	Water Outlet Temperature, °C	Compressor Speed, Hz	Heating Capacity, W	Input Power (with water pump), W	COP (with water pump)	Note
DB43/WB26	65	36	3988	740	5.39	No Ice
	60	36	4237	661	6.41	
	55	36	4487	618	7.26	
	50	36	4736	599	7.91	
	45	36	4986	577	8.64	
DB35/WB24	70	43	3993	905	4.41	
		36	3343	725	4.61	
	65	43	4249	889	4.78	
		36	3557	726	4.90	
	60	43	4505	802	5.62	
		36	3771	647	5.83	
	55	43	4760	736	6.47	
		36	3985	604	6.60	
	50	43	5016	714	7.03	
		36	4200	584	7.19	
	45	43	5272	691	7.63	
		36	4414	562	7.86	
	40	43	5528	664	8.32	
		36	4628	540	8.57	
	35	43	5783	637	9.07	
		36	4842	518	9.35	
DB30/WB22	70	43	3698	904	4.09	
		36	3096	748	4.14	
	65	43	3927	820	4.79	
		36	3288	671	4.90	
	60	43	4157	810	5.13	
		36	3480	662	5.26	
	55	43	4386	789	5.56	
		36	3672	642	5.72	
	50	43	4616	765	6.03	
		36	3864	622	6.21	
	45	43	4845	686	7.06	
		36	4056	558	7.27	
	40	43	5074	656	7.73	
		36	4248	533	7.97	
	35	43	5304	626	8.47	
		36	4440	509	8.72	
DB25/WB20	70	43	5533	606	9.13	
		36	4632	493	9.40	
	65	49	4094	1498	2.73	
		43	3403	1186	2.87	
	60	49	4279	1284	3.33	
		43	3606	1064	3.39	
	55	49	4464	1132	3.94	
		43	3809	951	4.01	
	50	49	4649	1110	4.19	
		43	4012	964	4.16	
	45	49	4834	1094	4.42	
		43	4215	914	4.61	
	40	49	5019	1012	4.96	
		43	4418	851	5.19	
	35	49	5204	989	5.26	
		43	4621	793	5.83	
	30	49	5389	876	6.15	
		43	4824	705	6.84	
	25	49	5574	799	6.98	
		43	5027	676	7.44	
		49	5759	728	7.91	
		43	5230	635	8.23	

Ambient temperature, °C	Water Outlet Temperature, °C	Compressor Speed, Hz	Heating Capacity, W	Input Power (with water pump), W	COP (with water pump)	Note
DB20/WB15	70	55	4008	1616	2.48	No Ice
		43	3108	1182	2.63	
	65	55	4177	1471	2.84	
		43	3285	1091	3.01	
	60	55	4346	1242	3.50	
		43	3461	983	3.52	
	55	55	4515	1123	4.02	
		43	3638	896	4.06	
	50	55	4684	987	4.74	
		43	3814	712	5.36	
	45	55	4854	954	5.09	
		43	3991	676	5.91	
	40	55	5023	920	5.46	
		43	4168	640	6.51	
	35	55	5192	887	5.86	
		43	4344	604	7.19	
DB12/WB11	70	55	5361	853	6.28	No Ice
		43	4521	568	7.96	
		55	5530	820	6.75	
		43	4698	532	8.83	
	65	72	4803	1915	2.51	
		67	4483	1814	2.47	
		55	3600	1493	2.41	
		43	2735	1201	2.28	
	60	72	5482	1867	2.94	
		67	4868	1663	2.93	
		55	3917	1352	2.90	
		43	2989	1070	2.79	
	55	79	5822	1843	3.16	
		67	5060	1588	3.19	
		55	4076	1281	3.18	
		43	3117	1004	3.10	
	50	79	6162	1819	3.39	
		67	5252	1513	3.47	
		55	4234	1210	3.50	
		43	3244	939	3.45	
	45	79	6311	1680	3.76	
		67	5401	1401	3.86	
		55	4390	1114	3.94	
		43	3372	875	3.85	
	40	79	6461	1540	4.20	
		67	5550	1289	4.31	
		55	4546	1018	4.47	
		43	3500	812	4.31	
	35	79	6625	1412	4.69	
		67	5690	1168	4.87	
		55	4592	954	4.81	
		43	3586	739	4.85	
	30	79	6788	1283	5.29	
		67	5829	1047	5.57	
		55	4638	890	5.21	
		43	3673	666	5.51	
	25	79	6952	1155	6.02	
		67	5969	927	6.44	
		55	4685	827	5.67	
		43	3760	593	6.33	
	20	79	7116	1026	6.93	
		67	6109	806	7.58	
		55	4731	763	6.20	
	15	43	3846	521	7.39	

Ambient temperature, °C	Water Outlet Temperature, °C	Compressor Speed, Hz	Heating Capacity, W	Input Power (with water pump), W	COP (with water pump)	Note
DB7/WB6	70	72	4061	1816	2.24	No Ice
		67	3846	1744	2.20	
		55	3036	1450	2.09	
		43	2225	1132	1.97	
	65	72	4690	1795	2.61	
		67	4183	1615	2.59	
		55	3324	1325	2.51	
		43	2494	1029	2.42	
	60	67	5004	1784	2.81	
		55	4352	1551	2.81	
		34	3469	1262	2.75	
		20	2628	978	2.69	
	55	90	6086	2089	2.91	
		79	5319	1773	3.00	
		67	4521	1487	3.04	
		55	3613	1199	3.01	
	50	43	2762	927	2.98	
		90	6327	1952	3.24	
		79	5555	1658	3.35	
		67	4725	1386	3.41	
	45	55	3795	1114	3.41	
		43	2878	864	3.33	
		90	6568	1815	3.62	
		79	5792	1542	3.76	
	40	67	4930	1285	3.84	
		55	3978	1030	3.86	
		43	2993	801	3.74	
		90	6662	1669	3.99	
	35	79	5866	1427	4.11	
		67	5008	1176	4.26	
		55	4073	946	4.30	
		43	3073	741	4.15	
	30	90	6755	1522	4.44	
		79	5940	1312	4.53	
		67	5086	1067	4.77	
		55	4167	862	4.83	
	25	43	3154	682	4.63	
		90	6849	1375	4.98	
		79	6013	1197	5.02	
		67	5163	958	5.39	
DB2/WB1	70	55	4262	779	5.47	
		43	3234	622	5.20	
		90	6943	1229	5.65	
		79	6087	1082	5.63	
	65	67	5241	849	6.18	
		55	4357	715	6.09	
		43	3314	582	5.69	
		72	3729	1796	2.08	
	60	67	3312	1679	1.97	
		55	2740	1408	1.94	
		43	1888	1087	1.74	
		72	4124	1743	2.37	
	55	67	3547	1548	2.29	
		55	2878	1292	2.23	
		43	2076	993	2.09	
	50	72	4321	1717	2.52	
		67	3664	1483	2.47	
		55	2948	1234	2.39	
		43	2170	947	2.29	

Ambient temperature, °C	Water Outlet Temperature, °C	Compressor Speed, Hz	Heating Capacity, W	Input Power (with water pump), W	COP (with water pump)	Note
DB2/WB1	55	90	5208	1960	2.66	No Ice
		79	4519	1690	2.67	
		67	3782	1418	2.67	
		55	3017	1176	2.57	
		43	2264	900	2.52	
	50	90	5359	1827	2.93	Small Ice
		79	4684	1561	3.00	No Ice
		67	3948	1312	3.01	
		55	3167	1085	2.92	
		43	2409	832	2.89	
	45	90	5510	1695	3.25	Small Ice
		79	4849	1432	3.39	No Ice
		67	4114	1207	3.41	
		55	3317	994	3.34	
		43	2553	765	3.34	
	40	90	5655	1597	3.54	Small Ice
		79	4966	1367	3.63	No Ice
		67	4178	1149	3.64	
		55	3416	910	3.75	
		43	2638	713	3.70	
	35	90	5799	1500	3.87	Small Ice
		79	5083	1302	3.91	No Ice
		67	4242	1091	3.89	
		55	3516	826	4.26	
		43	2723	662	4.11	
	30	90	5944	1403	4.24	
		79	5200	1236	4.21	
		67	4306	1033	4.17	
		55	3615	742	4.87	
		43	2807	610	4.60	
	25	90	6089	1305	4.66	
		79	5317	1171	4.54	
		67	4371	975	4.48	
		55	3715	678	5.48	
		43	2892	578	5.00	
DB-7/WB-8	70	72	1605	1746	0.92	No Ice
		67	1532	1633	0.94	
		55	1404	1354	1.04	
		43	1190	1084	1.10	
	65	72	2451	1638	1.50	
		67	2112	1463	1.44	
		55	1802	1213	1.49	
		43	1404	959	1.46	
	60	72	2873	1583	1.81	
		67	2402	1378	1.74	
		55	2001	1142	1.75	
		43	1511	896	1.69	
	55	90	3876	1755	2.21	
		79	3296	1529	2.16	
		67	2692	1293	2.08	
		55	2200	1072	2.05	
		43	1618	834	1.94	
	50	90	4001	1655	2.42	Small Ice
		79	3456	1444	2.39	
		67	2854	1206	2.37	
		55	2299	990	2.32	
		43	1707	763	2.24	
	45	90	4127	1555	2.65	No Ice
		79	3615	1358	2.66	
		67	3016	1119	2.70	
		55	2399	909	2.64	
		43	1796	692	2.60	

Ambient temperature, °C	Water Outlet Temperature, °C	Compressor Speed, Hz	Heating Capacity, W	Input Power (with water pump), W	COP (with water pump)	Note
DB-7/WB-8	40	90	4237	1484	2.85	No Ice
		79	3721	1296	2.87	
		67	3126	1077	2.90	
		55	2510	879	2.86	
		43	1886	646	2.92	
	35	90	4347	1414	3.07	
		79	3827	1233	3.10	
		67	3236	1035	3.13	
		55	2621	848	3.09	
		43	1975	600	3.29	
	30	90	4457	1344	3.32	
		79	3933	1171	3.36	
		67	3346	993	3.37	
		55	2732	818	3.34	
		43	2065	554	3.73	
	25	90	4567	1273	3.59	
		79	4038	1108	3.64	
		67	3456	951	3.64	
		55	2843	808	3.52	
		43	2154	528	4.08	
DB-15/WB-16	65	72	2566	1621	1.58	
		67	2313	1515	1.53	
		55	1910	1287	1.48	
		43	1354	1077	1.26	
	60	90	2858	1654	1.73	
		79	2544	1507	1.69	
		67	2199	1348	1.63	
		55	1741	1136	1.53	
		43	1174	924	1.27	
	55	90	2951	1586	1.86	
		79	2523	1394	1.81	
		67	2085	1182	1.76	
		55	1572	985	1.60	
		43	994	771	1.29	
	50	90	3043	1519	2.00	
		79	2628	1333	1.97	
		67	2173	1129	1.92	
		55	1682	939	1.79	
		43	1137	713	1.59	
	45	90	3136	1452	2.16	
		79	2733	1273	2.15	
		67	2261	1076	2.10	
		55	1791	893	2.01	
		43	1280	655	1.95	
	40	90	3238	1390	2.33	
		79	2834	1218	2.33	
		67	2329	1025	2.27	
		55	1867	851	2.19	
		43	1342	635	2.11	
	35	90	3340	1328	2.51	
		79	2935	1163	2.52	
		67	2398	973	2.46	
		55	1944	809	2.40	
		43	1404	616	2.28	
	30	90	3441	1266	2.72	
		79	3036	1108	2.74	
		67	2467	922	2.68	
		55	2020	767	2.63	
		43	1466	597	2.46	

Ambient temperature, °C	Water Outlet Temperature, °C	Compressor Speed, Hz	Heating Capacity, W	Input Power (with water pump), W	COP (with water pump)	Note
DB-15/WB-16	25	90	3543	1205	2.94	No Ice
		79	3137	1053	2.98	
		67	2535	870	2.91	
		55	2097	745	2.81	
		43	1528	597	2.56	
DB-20/WB-21	55	90	2373	1483	1.60	
		79	2040	1309	1.56	
		67	1706	1112	1.53	
		55	1180	803	1.47	
		43	604	422	1.43	
	50	90	2445	1437	1.70	
		79	2110	1264	1.67	
		67	1747	1081	1.62	
		55	1295	843	1.54	
		43	781	527	1.48	
	45	90	2517	1391	1.81	
		79	2181	1219	1.79	
		67	1789	1050	1.70	
		55	1411	883	1.60	
		43	957	632	1.52	
	40	90	2614	1332	1.96	
		79	2279	1169	1.95	
		67	1832	992	1.85	
		55	1466	834	1.76	
		43	1002	629	1.59	
	35	90	2710	1272	2.13	
		79	2377	1119	2.12	
		67	1874	935	2.01	
		55	1521	785	1.94	
		43	1047	626	1.67	
	30	90	2807	1213	2.31	
		79	2476	1069	2.32	
		67	1917	877	2.19	
		55	1576	735	2.14	
		43	1091	623	1.75	
	25	90	2903	1154	2.52	
		79	2574	1019	2.53	
		67	1960	820	2.39	
		55	1631	706	2.31	
		43	1136	641	1.77	
DB-25/WB-26	55	90	1795	1375	1.30	
		79	1556	1179	1.32	
		67	1327	1021	1.30	
		55	788	615	1.28	
		43	214	170	1.26	
	50	90	1846	1349	1.37	
		79	1593	1148	1.39	
		67	1322	971	1.36	
		55	909	673	1.35	
		43	424	312	1.36	
	45	90	1898	1323	1.44	
		79	1630	1116	1.46	
		67	1317	921	1.43	
		55	1031	731	1.41	
		43	635	453	1.40	
	40	90	1989	1272	1.56	
		79	1725	1084	1.59	
		67	1334	858	1.56	
		55	1064	694	1.53	
		43	662	437	1.52	

Ambient temperature, °C	Water Outlet Temperature, °C	Compressor Speed, Hz	Heating Capacity, W	Input Power (with water pump), W	COP (with water pump)	Note
DB-25/WB-26	35	90	2081	1221	1.70	No Ice
		79	1820	1052	1.73	
		67	1351	795	1.70	
		55	1097	657	1.67	
		43	689	420	1.64	
	30	90	2172	1170	1.86	
		79	1915	1020	1.88	
		67	1368	731	1.87	
		55	1131	620	1.82	
		43	717	404	1.77	
	25	90	2263	1119	2.02	
		79	2010	988	2.04	
		67	1385	668	2.07	
		55	1164	603	1.93	
		43	744	408	1.83	

HLT9MONO-S / SCOP (35°C) - 4.85

Ambient temperature, °C	Water Outlet Temperature, °C	Compressor Speed, Hz	Heating Capacity, W	Input Power (with water pump), W	COP (with water pump)	Note
DB43/WB26	65	36	6825	1186	5.76	No Ice
	60	36	7099	1127	6.30	
	55	36	7372	1012	7.28	
	50	36	7646	946	8.09	
	45	36	7920	865	9.15	
DB35/WB24	70	43	7749	1678	4.62	
		36	6488	1361	4.77	
	65	43	7890	1556	5.07	
		36	6606	1262	5.23	
	60	43	8031	1447	5.55	
		36	6724	1174	5.73	
	55	43	8172	1305	6.26	
		36	6842	1034	6.62	
	50	43	8313	1183	7.03	
		36	6960	947	7.35	
	45	43	8454	1045	8.09	
		36	7078	851	8.32	
	40	43	8595	982	8.75	
		36	7196	800	9.00	
	35	43	8736	919	9.51	
		36	7314	746	9.80	
DB30/WB22	70	43	6475	1495	4.33	No Ice
		36	5421	1215	4.46	
	65	43	6582	1408	4.68	
		36	5511	1144	4.82	
	60	43	6689	1321	5.07	
		36	5600	1073	5.22	
	55	43	6796	1234	5.51	
		36	5690	1003	5.67	
	50	43	6903	1146	6.02	
		36	5779	932	6.20	
	45	43	7010	1059	6.62	
		36	5869	861	6.81	
	40	43	7117	972	7.32	
		36	5958	790	7.54	
	35	43	7224	885	8.16	
		36	6048	720	8.40	
DB25/WB20	70	43	7331	798	9.18	
		36	6138	649	9.46	
	65	49	6186	1942	3.19	
		43	5269	1585	3.32	
	60	49	6389	1846	3.46	
		43	5342	1488	3.59	
	55	49	6591	1750	3.77	
		43	5415	1390	3.90	
	50	49	6794	1654	4.11	
		43	5488	1292	4.25	
	45	49	6996	1558	4.49	
		43	5561	1195	4.66	
	40	49	7199	1457	4.94	
		43	5634	1097	5.14	
	35	49	7402	1356	5.46	
		43	5707	999	5.71	
DB25/WB20	30	49	7604	1240	6.13	
		43	5780	902	6.41	
	25	49	7807	1124	6.94	
		43	5853	804	7.28	
	20	49	8009	1008	7.94	
		43	5926	706	8.39	

Ambient temperature, °C	Water Outlet Temperature, °C	Compressor Speed, Hz	Heating Capacity, W	Input Power (with water pump), W	COP (with water pump)	Note
DB20/WB15	70	55	6062	2017	3.01	No Ice
		43	5262	1676	3.14	
	65	55	6224	1901	3.27	
		43	5301	1568	3.38	
	60	55	6386	1785	3.58	
		43	5341	1459	3.66	
	55	55	6547	1669	3.92	
		43	5380	1351	3.98	
	50	55	6709	1553	4.32	
		43	5419	1243	4.36	
	45	55	6871	1437	4.78	
		43	5458	1134	4.81	
	40	55	7032	1321	5.32	
		43	5497	1026	5.36	
	35	55	7194	1206	5.97	
		43	5536	918	6.03	
DB12/WB11	70	55	7356	1090	6.75	
		43	5575	707	7.89	
		55	7517	974	7.72	
		43	5614	623	9.01	
	65	72	6209	2657	2.34	
		67	5807	2451	2.37	
		55	4270	2016	2.12	
		43	3274	1570	2.08	
	60	72	7414	2529	2.93	
		67	6157	2223	2.77	
		55	4775	1822	2.62	
		43	3625	1414	2.56	
	55	79	8016	2465	3.25	
		67	6333	2109	3.00	
		55	5027	1724	2.92	
		43	3801	1337	2.84	
	50	79	8618	2401	3.59	
		67	6508	1995	3.26	
		55	5279	1627	3.24	
		43	3976	1259	3.16	
	45	79	8820	2218	3.98	
		67	7111	1845	3.85	
		55	5812	1490	3.90	
		43	4400	1150	3.82	
	40	79	9022	2034	4.44	
		67	7715	1694	4.55	
		55	6346	1353	4.69	
		43	4824	1042	4.63	
	35	79	9154	1860	4.92	
		67	7861	1547	5.08	
		55	6442	1234	5.22	
		43	4905	949	5.17	
	30	79	9285	1685	5.51	
		67	8007	1400	5.72	
		55	6538	1114	5.87	
		43	4986	855	5.83	
	25	79	9416	1511	6.23	
		67	8152	1252	6.51	
		55	6634	994	6.67	
		43	5066	762	6.65	
	20	79	9548	1336	7.15	
		67	8298	1105	7.51	
		55	6731	895	7.52	
		43	5147	669	7.70	

Ambient temperature, °C	Water Outlet Temperature, °C	Compressor Speed, Hz	Heating Capacity, W	Input Power (with water pump), W	COP (with water pump)	Note
DB7/WB6	70	72	5003	2628	1.90	No Ice
		67	4885	2403	2.03	
		55	2921	1987	1.47	
		43	2537	1540	1.65	
	65	72	6110	2503	2.44	
		67	5257	2196	2.39	
		55	3688	1801	2.05	
		43	2912	1393	2.09	
	60	67	6663	2440	2.73	
		55	5443	2093	2.60	
		34	4072	1708	2.38	
		20	3099	1319	2.35	
	55	90	8501	2763	3.08	
		79	7216	2377	3.04	
		67	5629	1989	2.83	
		55	4456	1615	2.76	
	50	43	3287	1246	2.64	
		90	8793	2581	3.41	
		79	7582	2214	3.42	
		67	6201	1845	3.36	
	45	55	4986	1493	3.34	
		43	3607	1145	3.15	
		90	9085	2400	3.79	
		79	7949	2051	3.88	
	40	67	6772	1701	3.98	
		55	5517	1370	4.03	
		43	3928	1044	3.76	
		90	9300	2219	4.19	
	35	79	8163	1881	4.34	
		67	6947	1551	4.48	
		55	5698	1241	4.59	
		43	4235	940	4.50	
	30	90	9515	2038	4.67	
		79	8378	1711	4.90	
		67	7122	1400	5.09	
		55	5878	1113	5.28	
	25	43	4541	836	5.43	
		90	9729	1858	5.24	
		79	8592	1542	5.57	
		67	7297	1249	5.84	
DB2/WB1	70	55	6058	985	6.15	
		43	4748	732	6.48	
	65	90	9944	1677	5.93	
		79	8806	1372	6.42	
		67	7472	1099	6.80	
		55	6239	876	7.12	
	60	43	4855	648	7.49	
		72	4528	2525	1.79	
		67	4051	2328	1.74	
		55	3174	1914	1.66	
		43	2045	1480	1.25	
	55	72	5379	2420	2.22	
		67	4629	2134	2.17	
		55	3572	1748	2.04	
		43	2438	1351	1.81	
		72	5804	2367	2.45	
		67	4917	2037	2.41	
		55	3771	1665	2.27	
		43	2635	1286	2.05	
		90	7383	2682	2.75	
		79	6229	2315	2.69	
		67	5206	1939	2.68	
		55	3971	1581	2.51	
		43	2831	1221	2.32	

Ambient temperature, °C	Water Outlet Temperature, °C	Compressor Speed, Hz	Heating Capacity, W	Input Power (with water pump), W	COP (with water pump)	Note
DB2/WB1	50	90	7636	2517	3.03	Small Ice
		79	6498	2171	2.99	No Ice
		67	5475	1805	3.03	
		55	4280	1469	2.91	
		43	3094	1129	2.74	
	45	90	7889	2353	3.35	Small Ice
		79	6767	2028	3.34	No Ice
		67	5744	1670	3.44	
		55	4590	1357	3.38	
		43	3357	1037	3.24	
	40	90	8074	2204	3.66	Small Ice
		79	6966	1880	3.71	No Ice
		67	5826	1543	3.78	
		55	4802	1248	3.85	
		43	3545	942	3.77	
	35	90	8258	2054	4.02	Small Ice
		79	7164	1732	4.14	No Ice
		67	5909	1416	4.17	
		55	5014	1140	4.40	
		43	3734	846	4.41	
	30	90	8443	1905	4.43	
		79	7363	1584	4.65	
		67	5991	1289	4.65	
		55	5226	1032	5.07	
		43	3922	751	5.22	
	25	90	8628	1756	4.91	
		79	7562	1436	5.27	
		67	6074	1162	5.23	
		55	5438	943	5.76	
		43	4111	676	6.08	
DB-7/WB-8	70	72	3201	2468	1.30	No Ice
		67	2938	2295	1.28	
		55	2306	1880	1.23	
		43	1311	1465	0.90	
	65	72	4026	2309	1.74	
		67	3435	2049	1.68	
		55	2673	1678	1.59	
		43	1709	1297	1.32	
	60	72	4439	2230	1.99	
		67	3684	1927	1.91	
		55	2857	1576	1.81	
		43	1908	1213	1.57	
	55	90	5725	2490	2.30	
		79	4851	2150	2.26	
		67	3933	1804	2.18	
		55	3041	1475	2.06	
		43	2107	1129	1.87	
	50	90	5906	2351	2.51	Small Ice
		79	5006	2028	2.47	
		67	4145	1698	2.44	
		55	3276	1379	2.38	
		43	2303	1052	2.19	
	45	90	6088	2212	2.75	No Ice
		79	5161	1907	2.71	
		67	4357	1592	2.74	
		55	3512	1283	2.74	
		43	2499	974	2.56	
	40	90	6206	2086	2.97	
		79	5333	1806	2.95	
		67	4485	1491	3.01	
		55	3649	1202	3.04	
		43	2666	906	2.94	

Ambient temperature, °C	Water Outlet Temperature, °C	Compressor Speed, Hz	Heating Capacity, W	Input Power (with water pump), W	COP (with water pump)	Note
DB-7/WB-8	35	90	6324	1961	3.23	No Ice
		79	5506	1706	3.23	
		67	4613	1391	3.32	
		55	3786	1120	3.38	
		43	2833	838	3.38	
	30	90	6442	1835	3.51	
		79	5678	1606	3.53	
		67	4742	1291	3.67	
		55	3922	1038	3.78	
		43	3001	769	3.90	
	25	90	6560	1710	3.84	
		79	5851	1506	3.88	
		67	4870	1190	4.09	
		55	4059	977	4.16	
		43	3168	721	4.40	
DB-15/WB-16	65	72	3465	2203	1.57	
		67	2902	1861	1.56	
		55	1886	1430	1.32	
		43	1305	1090	1.20	
	60	90	4389	2437	1.80	
		79	3608	2100	1.72	
		67	3008	1771	1.70	
		55	2080	1404	1.48	
	55	43	1368	1073	1.28	
		90	4496	2316	1.94	
		79	3750	1996	1.88	
		67	3113	1680	1.85	
	50	55	2274	1377	1.65	
		43	1431	1056	1.36	
		90	4603	2195	2.10	
		79	3893	1893	2.06	
	45	67	3219	1590	2.02	
		55	2469	1296	1.91	
		43	1683	988	1.70	
		90	4710	2074	2.27	
	40	79	4035	1790	2.25	
		67	3324	1499	2.22	
		55	2663	1215	2.19	
		43	1935	919	2.10	
	35	90	4820	1969	2.45	
		79	4160	1700	2.45	
		67	3453	1424	2.43	
		55	2768	1145	2.42	
	30	43	2035	865	2.35	
		90	4930	1864	2.64	
		79	4286	1609	2.66	
		67	3581	1348	2.66	
	25	55	2873	1076	2.67	
		43	2135	811	2.63	
		90	5041	1759	2.87	
		79	4411	1519	2.90	
	20	67	3710	1273	2.92	
		55	2979	1006	2.96	
		43	2235	757	2.95	
	15	90	5151	1654	3.11	
		79	4536	1428	3.18	
		67	3839	1197	3.21	
		55	3084	957	3.22	
	10	43	2334	722	3.23	
DB-20/WB-21	55	90	3728	2208	1.69	
		79	3062	1900	1.61	
		67	2601	1603	1.62	
		55	1796	1315	1.37	
		43	1009	838	1.20	

Ambient temperature, °C	Water Outlet Temperature, °C	Compressor Speed, Hz	Heating Capacity, W	Input Power (with water pump), W	COP (with water pump)	Note
DB-20/WB-21	50	90	3789	2098	1.81	
		79	3197	1809	1.77	
		67	2640	1522	1.73	
		55	1964	1243	1.58	
		43	1296	861	1.50	
	45	90	3849	1988	1.94	
		79	3331	1717	1.94	
		67	2679	1441	1.86	
		55	2133	1172	1.82	
		43	1583	885	1.79	
	40	90	3954	1896	2.09	
		79	3427	1633	2.10	
		67	2807	1381	2.03	
		55	2218	1110	2.00	
		43	1641	840	1.95	
	35	90	4059	1804	2.25	
		79	3523	1549	2.28	
		67	2936	1321	2.22	
		55	2303	1048	2.20	
		43	1698	794	2.14	
	30	90	4164	1712	2.43	
		79	3619	1464	2.47	
		67	3065	1261	2.43	
		55	2389	986	2.42	
		43	1756	749	2.34	
	25	90	4270	1620	2.64	
		79	3715	1380	2.69	
		67	3194	1201	2.66	
		55	2474	944	2.62	
		43	1813	724	2.51	
DB-25/WB-26	55	90	2961	2099	1.41	No Ice
		79	2374	1804	1.32	
		67	2088	1526	1.37	
		55	1317	1006	1.31	
		43	586	467	1.25	
	50	90	2974	2001	1.49	
		79	2501	1724	1.45	
		67	2061	1455	1.42	
		55	1459	1068	1.37	
		43	909	659	1.38	
	45	90	2988	1902	1.57	
		79	2628	1645	1.60	
		67	2033	1383	1.47	
		55	1602	1129	1.42	
		43	1231	851	1.45	
	40	90	3088	1823	1.69	
		79	2694	1566	1.72	
		67	2162	1339	1.61	
		55	1668	1075	1.55	
		43	1246	814	1.53	
	35	90	3188	1744	1.83	
		79	2761	1488	1.86	
		67	2291	1295	1.77	
		55	1733	1020	1.70	
		43	1262	778	1.62	
	30	90	3288	1664	1.98	
		79	2827	1409	2.01	
		67	2420	1250	1.94	
		55	1799	966	1.86	
		43	1277	741	1.72	
	25	90	3389	1585	2.14	
		79	2893	1331	2.17	
		67	2549	1206	2.11	
		55	1864	932	2.00	
		43	1292	725	1.78	

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Ambient temperature, °C	Water Outlet Temperature, °C	Compressor Speed, Hz	Heating Capacity, W	Input Power (with water pump), W	COP (with water pump)	Note
DB43/WB26	65	36	8218	1476	5.57	No Ice
	60	36	8451	1307	6.47	
	55	36	8684	1175	7.39	
	50	36	8918	1140	7.82	
	45	36	9151	1046	8.75	
DB35/WB24	70	43	9555	2119	4.51	
		36	7999	1706	4.69	
	65	43	9652	1966	4.91	
		36	8081	1597	5.06	
	60	43	9750	1708	5.71	
		36	8163	1388	5.88	
	55	43	9848	1517	6.49	
		36	8245	1227	6.72	
	50	43	9945	1437	6.92	
		36	8326	1171	7.11	
	45	43	10043	1318	7.62	
		36	8408	1058	7.95	
	40	43	10141	1152	8.80	
		36	8490	939	9.04	
	35	43	10238	1141	8.97	
		36	8572	915	9.37	
DB30/WB22	70	43	8743	2097	4.17	No Ice
		36	7320	1710	4.28	
	65	43	8833	1856	4.76	
		36	7395	1518	4.87	
	60	43	8923	1753	5.09	
		36	7470	1434	5.21	
	55	43	9012	1645	5.48	
		36	7545	1345	5.61	
	50	43	9102	1535	5.93	
		36	7620	1253	6.08	
	45	43	9191	1418	6.48	
		36	7695	1159	6.64	
	40	43	9281	1298	7.15	
		36	7770	1060	7.33	
	35	43	9370	1173	7.99	
		36	7845	957	8.20	
DB25/WB20	30	43	9460	1044	9.06	
		36	7920	851	9.31	
	70	49	8581	2742	3.13	
		43	7949	2453	3.24	
	65	49	8686	2664	3.26	
		43	8030	2355	3.41	
	60	49	8790	2181	4.03	
		43	8111	2028	4.00	
	55	49	8894	2154	4.13	
		43	8193	1984	4.13	
	50	49	8999	2059	4.37	
		43	8274	1799	4.60	
	45	49	9103	1873	4.86	
		43	8356	1632	5.12	
	40	49	9207	1641	5.61	
		43	8437	1475	5.72	
DB20/WB15	35	49	9312	1519	6.13	
		43	8518	1274	6.69	
	30	49	9416	1397	6.74	
		43	8600	1168	7.36	
	25	49	9520	1196	7.96	
		43	8681	1062	8.17	
	70	55	7444	2224	3.35	
		43	5410	1412	3.83	

Ambient temperature, °C	Water Outlet Temperature, °C	Compressor Speed, Hz	Heating Capacity, W	Input Power (with water pump), W	COP (with water pump)	Note
DB20/WB15	65	55	7733	2132	3.63	No Ice
		43	5714	1369	4.18	
	60	55	8022	2039	3.93	
		43	6018	1325	4.54	
	55	55	8310	1947	4.27	
		43	6322	1281	4.93	
	50	55	8599	1855	4.64	
		43	6625	1238	5.35	
	45	55	8888	1762	5.04	
		43	6929	1194	5.80	
	40	55	9177	1670	5.50	
		43	7233	1150	6.29	
	35	55	9465	1577	6.00	
		43	7537	1106	6.81	
	30	55	9754	1485	6.57	
		43	7840	1063	7.38	
	25	55	10043	1392	7.21	
		43	8144	906	8.99	
DB12/WB11	70	72	9511	3715	2.56	
		67	8704	3351	2.60	
		55	6302	2855	2.21	
		43	5014	2227	2.25	
	65	72	10311	4047	2.83	
		67	9275	3372	2.87	
		55	7584	2769	2.60	
		43	5493	2123	3.07	
	60	79	11024	3791	2.91	
		67	9359	3144	2.98	
		55	7680	2565	2.99	
		43	5746	1976	2.91	
	55	79	11136	3534	3.15	
		67	9443	2916	3.24	
		55	7776	2361	3.29	
		43	5998	1829	3.28	
	50	79	11249	3278	3.43	
		67	9526	2688	3.54	
		55	7872	2157	3.65	
		43	6251	1682	3.72	
	45	79	11362	3022	3.76	
		67	9610	2460	3.91	
		55	7968	1953	4.08	
		43	6503	1535	4.24	
	40	79	11743	2807	4.18	
		67	9992	2280	4.38	
		55	8263	1787	4.62	
		43	6619	1419	4.66	
	35	79	12125	2592	4.68	
		67	10374	2101	4.94	
		55	8559	1622	5.28	
		43	6734	1303	5.17	
	30	79	12507	2378	5.26	
		67	10756	1922	5.60	
		55	8855	1457	6.08	
		43	6850	1126	6.08	
	25	79	12889	2163	5.96	
		67	11138	1743	6.39	
		55	9151	1292	7.08	
		43	6965	950	7.33	
DB7/WB6	70	72	7930	3625	2.19	
		67	7743	3335	2.32	
		55	6115	2757	2.22	
		43	4878	2148	2.27	

Ambient temperature, °C	Water Outlet Temperature, °C	Compressor Speed, Hz	Heating Capacity, W	Input Power (with water pump), W	COP (with water pump)	Note
DB7/WB6	65	72	8234	3436	2.40	No Ice
		67	7867	3119	2.55	
		55	6426	2546	2.52	
		43	4948	1937	2.55	
	60	72	8538	3248	2.63	
		67	7991	2904	2.75	
		55	6738	2336	2.88	
		43	5019	1726	2.91	
	55	90	10988	4284	2.56	
		85	10552	3834	2.75	
		72	8802	3121	2.82	
		61	7473	2591	2.88	
		49	5719	1967	2.91	
	50	90	11324	3917	2.89	
		85	10778	3561	3.03	
		72	9057	2898	3.13	
		61	7695	2395	3.21	
		49	5969	1822	3.28	
	45	90	11660	3550	3.28	
		85	11003	3289	3.35	
		72	9312	2676	3.48	
		61	7918	2200	3.60	
		49	6219	1677	3.71	
	40	90	11845	3307	3.58	
		85	11025	2975	3.71	
		72	9819	2510	3.91	
		61	8365	2041	4.10	
		49	6653	1563	4.26	
	35	90	12030	3064	3.93	
		85	11047	2662	4.15	
		72	10325	2345	4.40	
		61	8813	1883	4.68	
		49	7086	1450	4.89	
	30	90	12214	2821	4.33	
		85	11068	2349	4.71	
		72	10831	2180	4.97	
		61	9261	1724	5.37	
		49	7519	1337	5.63	
	25	90	12399	2579	4.81	
		85	11090	2036	5.45	
		72	11338	2014	5.63	
		61	9708	1586	6.12	
		49	7952	1243	6.40	
DB2/WB1	70	72	7287	3461	2.11	
		67	6729	3178	2.12	
		55	5494	2665	2.06	
		43	4260	2064	2.06	
	65	72	7489	3310	2.26	
		67	6938	3071	2.26	
		55	5627	2515	2.24	
		43	4289	1937	2.21	
	60	72	8284	3520	2.35	
		67	7309	3128	2.34	
		55	6008	2570	2.34	
		43	4605	2000	2.30	
	55	90	9692	4105	2.36	
		85	9079	3730	2.43	
		72	7680	3185	2.41	
		61	6389	2624	2.43	
		49	4921	2063	2.39	

Ambient temperature, °C	Water Outlet Temperature, °C	Compressor Speed, Hz	Heating Capacity, W	Input Power (with water pump), W	COP (with water pump)	Note
DB2/WB1	50	90	9893	3893	2.54	Small Ice
		85	9307	3554	2.62	No Ice
		72	7816	2982	2.62	
		61	6560	2474	2.65	
		49	5057	1928	2.62	
	45	90	10094	3681	2.74	Small Ice
		85	9535	3378	2.82	No Ice
		72	7952	2780	2.86	
		61	6731	2323	2.90	
		49	5194	1793	2.90	
	40	90	10323	3255	3.17	Small Ice
		85	9740	3003	3.24	No Ice
		72	8179	2463	3.32	
		61	6923	2035	3.40	
		49	5430	1596	3.40	
	35	90	10551	2830	3.73	Small Ice
		85	9945	2629	3.78	No Ice
		72	8405	2145	3.92	
		61	7116	1747	4.07	
		49	5667	1399	4.05	
	30	90	10780	2405	4.48	
		85	10150	2255	4.50	
		72	8631	1827	4.72	
		61	7308	1459	5.01	
		49	5903	1203	4.91	
	25	90	11008	1980	5.56	
		85	10355	1881	5.51	
		72	8858	1510	5.87	
		61	7500	1190	6.30	
		49	6140	1026	5.99	
DB-7/WB-8	70	72	5324	3322	1.60	No Ice
		67	4951	3092	1.60	
		55	4056	2541	1.59	
		43	2307	2013	1.15	
	65	72	5533	3081	1.80	
		67	5087	2814	1.81	
		55	4125	2294	1.80	
		43	2605	1815	1.44	
	60	72	6155	3217	1.91	
		67	5350	2770	1.93	
		55	4388	2282	1.92	
		43	2956	1829	1.62	
	55	90	7267	3600	2.02	
		85	6778	3353	2.02	
		72	5613	2726	2.06	
		61	4651	2271	2.05	
		49	3308	1843	1.80	
	50	90	7430	3408	2.18	Small Ice
		85	6943	3156	2.20	
		72	5776	2563	2.25	
		61	4810	2123	2.27	
		49	3593	1713	2.10	
	45	90	7593	3217	2.36	No Ice
		85	7108	2959	2.40	
		72	5939	2400	2.47	
		61	4970	1975	2.52	
		49	3878	1584	2.45	
	40	90	7754	3041	2.55	
		85	7282	2797	2.60	
		72	6121	2277	2.69	
		61	5143	1858	2.77	
		49	4016	1459	2.75	

Ambient temperature, °C	Water Outlet Temperature, °C	Compressor Speed, Hz	Heating Capacity, W	Input Power (with water pump), W	COP (with water pump)	Note
DB-7/WB-8	35	90	7915	2865	2.76	No Ice
		85	7457	2636	2.83	
		72	6303	2155	2.93	
		61	5316	1741	3.05	
		49	4153	1334	3.11	
	30	90	8076	2689	3.00	
		85	7631	2474	3.08	
		72	6485	2032	3.19	
		61	5488	1625	3.38	
		49	4290	1210	3.55	
	25	90	8237	2513	3.28	
		85	7805	2312	3.38	
		72	6668	1909	3.49	
		61	5661	1528	3.70	
		49	4427	1105	4.01	
DB-15/WB-16	65	72	3932	2812	1.40	
		61	3238	2361	1.37	
		49	2445	1890	1.29	
	60	90	5449	3380	1.61	
		85	5081	3169	1.60	
		72	4092	2666	1.53	
		61	3376	2233	1.51	
		49	2538	1790	1.42	
	55	90	5582	3218	1.73	
		85	5226	3008	1.74	
		72	4252	2519	1.69	
		61	3514	2104	1.67	
		49	2631	1690	1.56	
	50	90	5714	3057	1.87	
		85	5372	2848	1.89	
		72	4412	2373	1.86	
		61	3651	1976	1.85	
		49	2724	1590	1.71	
	45	90	5846	2895	2.02	
		85	5517	2687	2.05	
		72	4572	2226	2.05	
		61	3789	1848	2.05	
		49	2816	1489	1.89	
	40	90	6027	2751	2.19	
		85	5678	2541	2.23	
		72	4742	2115	2.24	
		61	3938	1744	2.26	
		49	2949	1388	2.12	
	35	90	6207	2608	2.38	
		85	5838	2395	2.44	
		72	4912	2004	2.45	
		61	4087	1640	2.49	
		49	3081	1287	2.39	
	30	90	6388	2464	2.59	
		85	5999	2248	2.67	
		72	5081	1892	2.69	
		61	4235	1536	2.76	
		49	3213	1186	2.71	
	25	90	6569	2321	2.83	
		85	6160	2102	2.93	
		72	5251	1781	2.95	
		61	4384	1452	3.02	
		49	3345	1105	3.03	
DB-20/WB-21	55	90	4528	2980	1.52	
		85	4256	2793	1.52	
		72	3401	2390	1.42	
		61	2803	2000	1.40	
		49	2207	1594	1.38	

Ambient temperature, °C	Water Outlet Temperature, °C	Compressor Speed, Hz	Heating Capacity, W	Input Power (with water pump), W	COP (with water pump)	Note
DB-20/WB-21	50	90	4641	2837	1.64	
		85	4389	2655	1.65	
		72	3560	2254	1.58	
		61	2927	1884	1.55	
		49	2180	1512	1.44	
	45	90	4754	2694	1.76	
		85	4523	2517	1.80	
		72	3718	2118	1.76	
		61	3051	1768	1.73	
		49	2153	1430	1.50	
	40	90	4947	2571	1.92	
		85	4675	2381	1.96	
		72	3880	2014	1.93	
		61	3185	1672	1.90	
		49	2282	1344	1.70	
	35	90	5140	2447	2.10	
		85	4827	2244	2.15	
		72	4042	1909	2.12	
		61	3318	1577	2.10	
		49	2411	1258	1.92	
	30	90	5333	2324	2.29	
		85	4979	2107	2.36	
		72	4204	1805	2.33	
		61	3452	1481	2.33	
		49	2539	1171	2.17	
	25	90	5526	2200	2.51	
		85	5131	1971	2.60	
		72	4366	1701	2.57	
		61	3585	1405	2.55	
		49	2668	1105	2.41	
DB-25/WB-26	55	90	3475	2741	1.27	No Ice
		85	3286	2577	1.28	
		72	2551	2261	1.13	
		61	2092	1870	1.12	
		49	1584	1431	1.11	
	50	90	3568	2617	1.36	
		85	3407	2462	1.38	
		72	2707	2135	1.27	
		61	2203	1780	1.24	
		49	1536	1365	1.13	
	45	90	3662	2493	1.47	
		85	3528	2348	1.50	
		72	2864	2010	1.43	
		61	2313	1689	1.37	
		49	1489	1299	1.15	
	40	90	3867	2390	1.62	
		85	3672	2221	1.65	
		72	3018	1912	1.58	
		61	2432	1601	1.52	
		49	1615	1263	1.28	
	35	90	4073	2286	1.78	
		85	3815	2093	1.82	
		72	3172	1815	1.75	
		61	2550	1513	1.69	
		49	1740	1228	1.42	
	30	90	4278	2183	1.96	
		85	3959	1966	2.01	
		72	3326	1718	1.94	
		61	2669	1425	1.87	
		49	1866	1193	1.56	
	25	90	4483	2080	2.16	
		85	4103	1839	2.23	
		72	3481	1620	2.15	
		61	2787	1358	2.05	
		49	1992	1178	1.69	

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Ambient temperature, °C	Water Outlet Temperature, °C	Compressor Speed, Hz	Heating Capacity, W	Input Power (with water pump), W	COP (with water pump)	Note
DB43/WB26	65	36	9625	1757	5.48	No Ice
	60	36	9895	1536	6.44	
	55	36	10164	1388	7.33	
	50	36	10434	1327	7.87	
	45	36	10703	1231	8.69	
DB35/WB24	70	43	11135	2497	4.46	
		36	9322	2005	4.65	
	65	43	11290	2330	4.85	
		36	9452	1898	4.98	
	60	43	11445	2020	5.67	
		36	9582	1637	5.86	
	55	43	11600	1791	6.48	
		36	9712	1458	6.66	
	50	43	11755	1685	6.98	
		36	9842	1376	7.15	
	45	43	11910	1562	7.62	
		36	9971	1262	7.90	
	40	43	12065	1409	8.56	
		36	10101	1147	8.81	
	35	43	12221	1355	9.02	
		36	10231	1093	9.36	
DB30/WB22	70	43	10040	2431	4.13	No Ice
		36	8405	1997	4.21	
	65	43	10256	2148	4.78	
		36	8587	1758	4.89	
	60	43	10473	2050	5.11	
		36	8768	1675	5.24	
	55	43	10690	1937	5.52	
		36	8949	1579	5.67	
	50	43	10906	1824	5.98	
		36	9131	1486	6.15	
	45	43	11123	1643	6.77	
		36	9312	1339	6.96	
	40	43	11339	1524	7.44	
		36	9493	1241	7.65	
	35	43	11556	1404	8.23	
		36	9675	1143	8.46	
DB25/WB20	70	43	11773	1294	9.10	
		36	9856	1053	9.36	
	65	49	9285	3168	2.93	
		43	8822	2888	3.06	
	60	49	9826	2980	3.30	
		43	9100	2677	3.40	
	55	49	10367	2600	3.99	
		43	9378	2343	4.00	
	50	49	10908	2622	4.16	
		43	9656	2330	4.15	
	45	49	11449	2605	4.40	
		43	9934	2157	4.61	
	40	49	11989	2442	4.91	
		43	10212	1981	5.16	
	35	49	12530	2305	5.44	
		43	10490	1817	5.78	
	30	49	13071	2129	6.14	
		43	10769	1592	6.76	
	25	49	13612	1984	6.86	
		43	11047	1492	7.40	
		49	14153	1784	7.94	
		43	11325	1381	8.20	

Ambient temperature, °C	Water Outlet Temperature, °C	Compressor Speed, Hz	Heating Capacity, W	Input Power (with water pump), W	COP (with water pump)	Note
DB20/WB15	70	55	10279	3528	2.91	No Ice
		43	7604	2354	3.23	
	65	55	10747	3323	3.23	
		43	7943	2211	3.59	
	60	55	11214	3017	3.72	
		43	8283	2055	4.03	
	55	55	11682	2819	4.14	
		43	8623	1917	4.50	
	50	55	12149	2590	4.69	
		43	8962	1673	5.36	
	45	55	12617	2490	5.07	
		43	9302	1589	5.85	
	40	55	13084	2389	5.48	
		43	9641	1506	6.40	
	35	55	13552	2286	5.93	
		43	9981	1425	7.00	
	30	55	14019	2181	6.43	
		43	10321	1346	7.67	
DB12/WB11	70	55	14486	2075	6.98	
		43	10660	1196	8.91	
		67	10562	4700	2.25	
	65	55	9141	3871	2.36	
		43	6880	3032	2.27	
		72	12645	4883	2.59	
		67	11098	4385	2.53	
	60	55	9598	3606	2.66	
		43	7376	2809	2.63	
		79	14373	5068	2.84	
		67	11581	4012	2.89	
		55	10134	3315	3.06	
	55	43	8148	2562	3.18	
		79	14872	4777	3.11	
		67	12171	3754	3.24	
		55	10513	3075	3.42	
		43	8367	2363	3.54	
	50	79	15371	4487	3.43	
		67	12760	3496	3.65	
		55	10892	2835	3.84	
		43	8586	2164	3.97	
	45	79	15870	4196	3.78	
		67	13350	3238	4.12	
		55	11271	2596	4.34	
		43	8805	1965	4.48	
	40	79	16226	3840	4.23	
		67	13748	2983	4.61	
		55	11515	2368	4.86	
		43	8923	1817	4.91	
	35	79	16582	3484	4.76	
		67	14147	2728	5.19	
		55	11759	2141	5.49	
		43	9041	1670	5.42	
	30	79	16938	3127	5.42	
		67	14546	2473	5.88	
		55	12003	1914	6.27	
		43	9159	1522	6.02	
	25	79	17294	2771	6.24	
		67	14945	2218	6.74	
		55	12247	1686	7.26	
		43	9277	1374	6.75	
DB7/WB6	70	67	9656	4573	2.11	
		55	6553	3760	1.74	
		43	5525	2923	1.89	

Ambient temperature, °C	Water Outlet Temperature, °C	Compressor Speed, Hz	Heating Capacity, W	Input Power (with water pump), W	COP (with water pump)	Note
DB7/WB6	65	72	11040	4719	2.34	No Ice
		67	10148	4296	2.36	
		55	7473	3528	2.12	
		43	6074	2730	2.22	
	60	72	11462	4457	2.57	
		67	10640	4019	2.65	
		55	8393	3295	2.55	
		43	6623	2537	2.61	
	55	90	14872	5440	2.73	
		79	13039	4604	2.83	
		67	11132	3742	2.98	
		55	9313	3063	3.04	
		43	7173	2344	3.06	
	50	90	15203	5102	2.98	
		79	13502	4317	3.13	
		67	11449	3484	3.29	
		55	9621	2837	3.39	
		43	7365	2153	3.42	
	45	90	15534	4764	3.26	
		79	13965	4030	3.47	
		67	11765	3226	3.65	
		55	9930	2611	3.80	
		43	7557	1962	3.85	
	40	90	16088	4470	3.60	
		79	14341	3790	3.78	
		67	12098	3021	4.00	
		55	10159	2395	4.24	
		43	7849	1783	4.40	
	35	90	16643	4177	3.98	
		79	14717	3549	4.15	
		67	12431	2816	4.41	
		55	10389	2179	4.77	
		43	8141	1604	5.08	
	30	90	17198	3884	4.43	
		79	15092	3309	4.56	
		67	12764	2611	4.89	
		55	10618	1963	5.41	
		43	8433	1425	5.92	
	25	90	17752	3590	4.94	
		79	15468	3068	5.04	
		67	13096	2406	5.44	
		55	10847	1767	6.14	
		43	8725	1266	6.89	
DB2/WB1	70	72	7743	4820	1.61	
		67	6981	4427	1.58	
		55	5832	3627	1.61	
		43	4968	2801	1.77	
	65	72	8659	4582	1.89	
		67	7899	4157	1.90	
		55	6591	3399	1.94	
		43	5272	2630	2.00	
	60	72	9575	4344	2.20	
		67	8818	3887	2.27	
		55	7349	3171	2.32	
		43	5575	2460	2.27	
	55	90	12978	5251	2.47	
		79	11511	4505	2.56	
		67	9736	3618	2.69	
		55	8108	2943	2.75	
		43	5879	2289	2.57	

Ambient temperature, °C	Water Outlet Temperature, °C	Compressor Speed, Hz	Heating Capacity, W	Input Power (with water pump), W	COP (with water pump)	Note
DB2/WB1	50	90	13444	5004	2.69	Small Ice
		79	11978	4248	2.82	No Ice
		67	9927	3384	2.93	
		55	8210	2751	2.98	
		43	6115	2116	2.89	
	45	90	13911	4758	2.92	Small Ice
		79	12446	3992	3.12	No Ice
		67	10118	3151	3.21	
		55	8313	2559	3.25	
		43	6352	1944	3.27	
	40	90	14152	4633	3.05	Small Ice
		79	12686	3825	3.32	No Ice
		67	10544	3009	3.50	
		55	8484	2350	3.61	
		43	6546	1780	3.68	
	35	90	14394	4509	3.19	Small Ice
		79	12926	3659	3.53	No Ice
		67	10970	2867	3.83	
		55	8655	2141	4.04	
		43	6741	1617	4.17	
	30	90	14635	4384	3.34	
		79	13166	3492	3.77	
		67	11396	2725	4.18	
		55	8826	1931	4.57	
		43	6935	1454	4.77	
	25	90	14877	4259	3.49	
		79	13407	3325	4.03	
		67	11822	2583	4.58	
		55	8997	1742	5.16	
		43	7130	1310	5.44	
DB-7/WB-8	70	72	7551	4751	1.59	No Ice
		67	6448	4114	1.57	
		55	5313	3331	1.59	
		43	3371	2621	1.29	
	65	72	7751	4415	1.76	
		67	6776	3856	1.76	
		55	5561	3136	1.77	
		43	3642	2455	1.48	
	60	72	7950	4078	1.95	
		67	7103	3598	1.97	
		55	5810	2941	1.98	
		43	4113	2289	1.80	
	55	90	9886	4777	2.07	
		79	8942	4105	2.18	
		67	7431	3340	2.23	
		55	6058	2746	2.21	
		43	4585	2123	2.16	
	50	90	10326	4528	2.28	Small Ice
		79	9190	3874	2.37	
		67	7695	3138	2.45	
		55	6252	2571	2.43	
		43	4741	1977	2.40	
	45	90	10765	4279	2.52	No Ice
		79	9439	3643	2.59	
		67	7959	2937	2.71	
		55	6447	2397	2.69	
		43	4897	1831	2.67	
	40	90	11045	4044	2.73	
		79	9635	3428	2.81	
		67	8106	2775	2.92	
		55	6555	2244	2.92	
		43	5025	1701	2.95	

Ambient temperature, °C	Water Outlet Temperature, °C	Compressor Speed, Hz	Heating Capacity, W	Input Power (with water pump), W	COP (with water pump)	Note
DB-7/WB-8	35	90	11324	3808	2.97	No Ice
		79	9831	3214	3.06	
		67	8253	2614	3.16	
		55	6663	2090	3.19	
		43	5153	1572	3.28	
	30	90	11604	3573	3.25	
		79	10027	3000	3.34	
		67	8400	2453	3.42	
		55	6771	1937	3.50	
		43	5281	1443	3.66	
	25	90	11883	3337	3.56	
		79	10223	2786	3.67	
		67	8547	2291	3.73	
		55	6879	1803	3.82	
		43	5409	1333	4.06	
DB-15/WB-16	65	72	6652	4091	1.63	
		67	5335	3379	1.58	
		55	4183	2809	1.49	
		43	3198	2034	1.57	
	60	90	7940	4546	1.75	
		79	6872	3910	1.76	
		67	5556	3228	1.72	
		55	4404	2671	1.65	
		43	3357	2004	1.68	
	55	90	8191	4347	1.88	
		79	7091	3730	1.90	
		67	5777	3077	1.88	
		55	4624	2534	1.83	
		43	3516	1974	1.78	
	50	90	8442	4148	2.04	
		79	7310	3549	2.06	
		67	5998	2926	2.05	
		55	4844	2396	2.02	
		43	3512	1853	1.90	
	45	90	8693	3949	2.20	
		79	7530	3369	2.24	
		67	6219	2775	2.24	
		55	5065	2258	2.24	
		43	3508	1732	2.03	
	40	90	8878	3753	2.37	
		79	7731	3202	2.41	
		67	6376	2611	2.44	
		55	5194	2127	2.44	
		43	3831	1622	2.36	
	35	90	9063	3557	2.55	
		79	7933	3035	2.61	
		67	6534	2448	2.67	
		55	5323	1996	2.67	
		43	4153	1513	2.75	
	30	90	9248	3361	2.75	
		79	8135	2868	2.84	
		67	6691	2284	2.93	
		55	5452	1865	2.92	
		43	4476	1403	3.19	
	25	90	9433	3164	2.98	
		79	8336	2701	3.09	
		67	6849	2120	3.23	
		55	5580	1754	3.18	
		43	4798	1313	3.65	
DB-20/WB-21	55	90	7132	4078	1.75	
		79	5934	3495	1.70	
		67	4743	2913	1.63	
		55	3728	2401	1.55	
		43	2848	1881	1.51	

Ambient temperature, °C	Water Outlet Temperature, °C	Compressor Speed, Hz	Heating Capacity, W	Input Power (with water pump), W	COP (with water pump)	Note
DB-20/WB-21	50	90	7265	3911	1.86	
		79	6135	3346	1.83	
		67	4937	2793	1.77	
		55	3964	2286	1.73	
		43	2744	1776	1.55	
	45	90	7398	3743	1.98	
		79	6337	3197	1.98	
		67	5132	2674	1.92	
		55	4201	2171	1.93	
		43	2640	1670	1.58	
	40	90	7524	3571	2.11	
		79	6542	3060	2.14	
		67	5296	2509	2.11	
		55	4343	2054	2.11	
		43	3084	1573	1.96	
	35	90	7650	3400	2.25	
		79	6747	2923	2.31	
		67	5460	2343	2.33	
		55	4485	1937	2.32	
		43	3528	1475	2.39	
	30	90	7776	3228	2.41	
		79	6952	2786	2.50	
		67	5624	2178	2.58	
		55	4627	1820	2.54	
		43	3972	1378	2.88	
	25	90	7902	3057	2.59	
		79	7157	2649	2.70	
		67	5788	2013	2.88	
		55	4769	1723	2.77	
		43	4416	1301	3.40	
DB-25/WB-26	55	90	6072	3810	1.59	No Ice
		79	4778	3260	1.47	
		67	3710	2748	1.35	
		55	2832	2268	1.25	
		43	2180	1788	1.22	
	50	90	6088	3673	1.66	
		79	4960	3143	1.58	
		67	3877	2661	1.46	
		55	3085	2176	1.42	
		43	1976	1698	1.16	
	45	90	6103	3537	1.73	
		79	5143	3026	1.70	
		67	4044	2573	1.57	
		55	3337	2084	1.60	
		43	1772	1609	1.10	
	40	90	6170	3390	1.82	
		79	5352	2919	1.83	
		67	4215	2406	1.75	
		55	3492	1981	1.76	
		43	2337	1523	1.53	
	35	90	6237	3243	1.92	
		79	5561	2811	1.98	
		67	4385	2239	1.96	
		55	3647	1879	1.94	
		43	2903	1438	2.02	
	30	90	6304	3096	2.04	
		79	5769	2704	2.13	
		67	4556	2073	2.20	
		55	3802	1776	2.14	
		43	3469	1353	2.56	
	25	90	6371	2949	2.16	
		79	5978	2596	2.30	
		67	4727	1906	2.48	
		55	3957	1693	2.34	
		43	4034	1288	3.13	

NØRDIS ULTIMA R290 6-16kW cooling performance data

HLT6MONO-S						
Ambient temperature, °C	Water Outlet Temperature, °C	Compressor Speed, Hz	Cooling Capacity, W	Input Power (with water pump), W	EER (with water pump)	Note
DB35/WB24	18	74	5429	1313	4.13	
		66	4803	1135	4.23	
		56	3978	960	4.14	
		47	3338	804	4.15	
		36	2487	611	4.07	
	7	74	3710	1296	2.86	
		66	3164	1142	2.77	
		56	2840	964	2.95	
		47	2299	815	2.82	
		36	1636	623	2.63	

HLT9MONO-S						
Ambient temperature, °C	Water Outlet Temperature, °C	Compressor Speed, Hz	Cooling Capacity, W	Input Power (with water pump), W	EER (with water pump)	Note
DB35/WB24	18	79	7833	2076	3.77	
		66	6578	1617	4.07	
		56	5462	1276	4.28	
		47	4437	1020	4.35	
		36	3115	725	4.30	
	7	79	5610	1998	2.81	
		66	4438	1582	2.81	
		56	3457	1266	2.73	
		47	2524	1028	2.46	
		36	2261	773	2.93	

HLT12MONO-S						
Ambient temperature, °C	Water Outlet Temperature, °C	Compressor Speed, Hz	Cooling Capacity, W	Input Power (with water pump), W	EER (with water pump)	Note
DB35/WB24	18	74	10095	2973	3.40	
		66	9216	2531	3.64	
		56	7834	2035	3.85	
		47	6361	1617	3.93	
		36	4489	1173	3.83	
	7	74	7193	2763	2.60	
		66	6284	2376	2.64	
		56	5068	1942	2.61	
		47	4104	1580	2.60	
		36	2843	1182	2.41	

HLT16MONO-3S						
Ambient temperature, °C	Water Outlet Temperature, °C	Compressor Speed, Hz	Cooling Capacity, W	Input Power (with water pump), W	EER (with water pump)	Note
DB35/WB24	18	74	12447	3704	3.36	
		66	12272	3209	3.82	
		56	10736	2595	4.14	
		47	9100	2093	4.35	
		36	6947	1536	4.52	
	7	74	10067	3549	2.84	
		66	8979	3046	2.95	
		56	7810	2508	3.11	
		47	6461	2069	3.12	
		36	4898	1543	3.17	