

ULTIMA 2 HLT230MONO3 heating performance data (defrost included)							
SCOP (35°C) - 5.22							
Ambient temperature, °C	Water Outlet Temperature °C	Compressor frequency level	Compressor Speed, Hz	Heating Capacity, W	Input Power (with water pump), W	COP (with water pump)	Note
DB20/WB15	75.0	F5	57	22926	9576	2.39	
		F3	37	15256	6383	2.39	
		F1	20	10120	3841	2.63	
DB12/WB11	75.0	F8	80	30250	13643	2.22	
		F5	57	21507	9818	2.19	
		F3	37	15113	6502	2.32	
		F1	20	8319	3860	2.16	
	55.0	F8	80	31391	8806	3.56	
		F5	57	22902	6642	3.45	
		F3	37	15469	4269	3.62	
		F1	20	8362	2335	3.58	
	45.0	F8	80	31859	7990	3.99	
		F5	57	23215	5492	4.23	
		F3	37	15974	3539	4.51	
		F1	20	8925	1988	4.49	
	35.0	F8	80	35289	6957	5.07	
		F5	57	26468	4507	5.87	
		F3	37	17237	2918	5.91	
		F1	20	9656	1475	6.55	
DB7/WB6	75.0	F7	80	27978	13657	2.05	
		F5	57	19374	9818	1.97	
		F3	37	13412	6565	2.04	
		F1	20	6675	3864	1.73	
	55.0	F7	80	29180	9812	2.97	
		F5	57	21358	6727	3.17	
		F3	37	13562	4416	3.07	
		F1	20	7104	2388	2.97	
	45.0	F7	80	29477	8054	3.66	
		F5	57	22291	5638	3.95	
		F3	37	15058	3599	4.18	
		F1	20	8010	2005	3.99	
	35.0	F7	80	30732	6953	4.42	
		F5	57	23620	4622	5.11	
		F3	37	15181	2986	5.08	
		F1	20	8325	1514	5.50	
DB2/WB1	75.0	F7	80	21760	13742	1.58	
		F5	57	15194	9937	1.53	
		F3	37	10090	6581	1.53	
	55.0	F10	99	26007	11134	2.34	
		F7	80	21845	9074	2.41	
		F5	57	16210	6742	2.40	
	45.0	F3	37	10462	4423	2.37	
		F10	99	26346	10279	2.56	Defrosting
		F7	80	22273	8263	2.70	Defrosting
		F5	57	16504	5670	2.91	Defrosting

	35.0	F3	37	12029	3657	3.29	
		F10	99	27505	9055	3.04	Defrosting
		F7	80	23162	7149	3.24	Defrosting
		F5	57	18392	4737	3.88	Defrosting
		F3	37	12140	3097	3.92	
DB-7/WB-8	70.0	F7	80	19693	12344	1.60	Defrosting
		F5	57	14463	8914	1.62	Defrosting
		F3	37	8432	5861	1.44	Defrosting
		F10	99	25160	12097	2.08	Defrosting
	55.0	F7	80	20650	9751	2.12	
		F5	57	15480	6861	2.26	
		F3	37	9977	4538	2.2	
		F10	99	26069	10288	2.53	Defrosting
	45.0	F7	80	21354	8285	2.58	
		F5	57	15977	5713	2.8	
		F3	37	10022	3689	2.72	
		F10	99	26284	9144	2.87	
	35.0	F7	80	21529	7244	2.97	
		F5	57	16057	4852	3.31	
		F3	37	10073	3172	3.18	
		F10	99	19677	12142	1.62	
DB-15/WB-16	55.0	F7	80	16080	9792	1.64	
		F5	57	11787	6892	1.71	
		F3	37	7768	4545	1.71	
		F10	99	21110	9979	2.12	
	45.0	F7	80	17366	7938	2.19	
		F5	57	12834	5597	2.29	
		F3	37	7950	3587	2.22	
		F10	99	21706	9389	2.31	
	35.0	F7	80	17909	7394	2.42	
		F5	57	13263	5002	2.65	
		F3	37	8307	3251	2.55	
DB-25/WB-26	60.0	F3	37	4689	4876	0.96	
	55.0	F10	99	12825	12198	1.05	
		F7	80	10367	9843	1.05	
		F5	57	7172	6931	1.03	
		F3	37	5007	4554	1.1	
	45.0	F10	99	13406	10496	1.28	
		F7	80	12916	8310	1.55	
		F5	57	9447	5734	1.65	
		F3	37	5909	3697	1.6	
	35.0	F10	99	15084	9470	1.59	
		F7	80	13385	7582	1.77	
		F5	57	9772	5190	1.88	
		F3	37	6100	3349	1.82	

ULTIMA 2 HLT230MONO3 cooling performance data							Note
Ambient temperature, °C	Water Outlet Temperature °C	Compressor frequency level	Compressor Speed, Hz	Cooling Capacity, W	Input Power (with water pump), W	EER (with water pump)	
DB35/WB24	18.0	F10	80	30358	8272	3.67	
		F5	56	25041	5324	4.70	
		F3	37	15566	3174	4.90	
		F1	30	11667	2461	4.74	
	7.0	F10	80	23453	8528	2.75	
		F5	56	17413	5438	3.20	
		F3	37	9596	3225	2.98	
		F1	30	6357	2553	2.49	

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