

**"Performance Plus" Heat Pumps by Hot Water Heat Pumps Limited**

Model	Phase	Starting Amps	Recommended Motor Rated Circuit breaker,A	Current Load Compressor F.L.A. Fan F.L.A. amps	Heat Pump Dimensions LxWxH mm	Input/ Output,Kw	Weight Kg	Pipe Outside Diameter mm	Pipe Nominal Diameter mm	Air volume @ High Speed l/s	Sound Pressure Level, low/high dB(A)	Recommended Water Flow Rate l/s
HW150	1	12	16	6/0.6	770x340x854	1.2/6	70	48.3	40	600	42	0.95
HW225	1	40	20	8.5/0.8	895x360x950	2.0/10	98	48.3	40	780	46/49	1.59
HW225DP	1	40	20	8.5/0.8	895x380x1215	2.0/10	112	48.3	40	780	46/49	1.59
HW275	1	25	25	12.3/0.5	950x390x910	2.5/13	100	48.3	40	950	50/51	2.07
HW275DP	1	25	25	12.3/0.5	950x410x1200	2.5/13	120	48.3	40	950	50/51	2.07
HW300S	1	45	32	15.5/1.1	960x420x970	3.2/15	115	48.3	40	1100	49/51	2.39
HW300DPS	1	45	32	15.5/1.1	960x420x1260	3.2/15	135	48.3	40	1100	49/51	2.39
HW303	3	7per phase	16A,3 pole	5.5 per phase/1.1	960x420x970	3.2/15	115	48.3	40	1100	49/51	2.39
HW303DP	3	7 per phase	16A,3 pole	5.5 per phase/1.1	960x420x1260	3.2/15	135	48.3	40	1100	49/51	2.39
HW350S	1	27	32	16/1.1	980x435x1090	3.5/18	135	48.3	40	1180	51/53	2.86
HW350DPS	1	27	32	16/1.1	980x435x1380	3.5/18	150	48.3	40	1180	51/53	2.86
HW353	3	9 per phase	20A,3 pole	6 per phase/1.1	990x425x1090	3.5/18	135	48.3	40	1180	51/53	2.86
HW353DP	3	9 per phase	20A,3 pole	6 per phase/1.1	990x425x1385	3.5/18	150	48.3	40	1180	51/53	2.86
HW453	3	10 per phase	25A,3 pole	7.8 per phase/1.1	1150x460x1100	4.3/21	150	60.3	50	1320	51/52	3.34
HW453DP	3	10 per phase	25A,3 pole	7.8 per phase/1.1	1150x460x1190	4.3/21	170	60.3	50	1320	51/52	3.34
HW475	1	34	45	21.3A/0.8Ax2	1140x580x1395	4.5/23	180	60.3	50	1200	49/53	3.34
HW475DP	1	34	45	21.3A/0.8Ax2	1140x580x1475	4.5/23	180	60.3	50	1200	49/53	3.34
HW550	3	12 per phase	25A,3 pole	8.5per phase/0.8x2	1140x555x1375	4.8/25	180	60.3	50	1200	49/53	3.98
HW550DP	3	12 per phase	25A,3 pole	8.5per phase/0.8x2	1140x555x1475	4.8/25	200	60.3	50	1200	49/53	3.98
HW650	3	14 per phase	25A,3 pole	9 per phase/0.8x2	1140x595x1030	5.5/26	190	60.3	50	2050	53/55	4.20
HW650DP	3	14 per phase	25A,3 pole	9 per phase/0.8x2	(1140x595x1030)*	5.5/26	250	60.3	50	2050	53/55	4.20
HW800	3	17 per phase	32A,3 pole	11 per phase/1.5x2	1400x740x1040	7.3/33	268	60.3	50	2350	57/59	5.25
HW800DP	3	17 per phase	32A,3 pole	11 per phase/1.5x2	1400x740x1040	7.3/33	295	60.3	50	2350	57/59	5.25
HW1050	3	18 per phase	32A,3 pole	14.6 per phase/1.7x2	1400x740x1140	9.5/45	280	60.3	50	1480X2	65/66	5.80
HW1050DP	3	18 per phase	32A,3 pole	14.6 per phase/1.7x2	1400x740x1140	9.5/45	310	60.3	50	1480 x 2	65/66	5.80
HW1250	3	24 per phase	40A,3 pole	16.5 per phase/1.7x2	1730x740x1140	10.0/50.0	350	60.3	50	2000 x 2	66/67	5.80
HW1250DP	3	24 per phase	40A,3 pole	16.5 per phase/1.7x2	1730x740x1140	10.0/50.0	380	60.3	50	2000 x 2	66/67	5.80
HW1600	3		40A,3 pole	13X2 per Ph/3.3x2	2295 x1130 x1050	14/66	450	88.9	80	2480 x 2	69/70	5.80
HW2000	3		63A,3 pole	14.8X2 per Ph/3.8x2	2295 x1130 x1050	19/75	470	88.9	80	2480 x 2	69/70	7.2 min.
HW2500	3		80A,3 pole	19X2 perPh/3.8x3	3155 x 1130 x1055	25/103	570	88.9	80	2480 x 3	70/71	8.00
HW3300	3		80 A,3 pole	22.5X2perPh/3.8x3	3155x1130x1055	32/128	750	88.9	80	2480 x 3	70/71	10.50

Note: \*-HW650 DP has remote heat exchanger compartment(1050 x 550 x 465)

Nominal performance data based on 18 °C W.B and 28 °C water, 1.5 ΔT°C rise in heat exchanger

Installer to determine external pipework flow resistance prior to sizing pump capacity

**Note:Materials and specifications are subject to change without notice due to the manufacturer's ongoing research and development program**

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