



# HOT WATER HEAT PUMP



Small and medium hot water heat pump unit



Large hot water heat pump unit

Using for domestic hot water, guesthouses, hotels, apartments, houses, villas, factories, schools, foot massage, sauna, spa bath center, beauty salon, fitness center, swimming pools, aquaculture and the place needs air conditioning, heating, floor heating and hot water.

## Specification and size:

Model 1 (Room temperature type)		L-050	L-070	L-100	L-120	L-150	L-200	L-250	L-300	L-400	L-500	L-600
Heating Capacity ①	kw	17.5	24.5	35.0	42.0	52.5	75.0	87.5	105.0	146	175.0	211
Input Power ①	kw	3.80	5.3	7.59	9.11	11.29	16.13	19.02	22.83	31.7	38.04	45.9
Input Current ①	A	7.0	10	14.1	16.9	20.9	29.9	35.2	42.3	56.73	70.5	81.99
<b>COP ①</b>	W/W	4.60	4.6	4.61	4.61	4.65	4.65	4.60	4.60	4.60	4.60	4.60
Heating Capacity ②	kw	13.8	19.3	27.5	33.0	41.3	55.0	68.8	81.0	114.06	137.5	163.74
Input Power ②	kw	3.94	5.45	7.75	9.38	11.72	15.28	19.10	22.50	31.68	38.19	45.48
Input Current ②	A	7.3	10	14.4	17.4	21.7	28.3	35.4	41.7	56.63	70.8	81.30
<b>COP ②</b>	W/W	3.50	3.54	3.55	3.52	3.52	3.60	3.60	3.60	3.60	3.60	3.60
Power Supply	V/PH/Hz	380/3/50	380/3/50	380/3/50	380/3/50	380/3/50	380/3/50	380/3/50	380/3/50	380/3/50	380/3/50	380/3/50
Maximum Operating Current	A	10.3	15.5	20.5	24.4	30.7	43.9	51.1	55.0	83.37	102.3	119.69
Noise	dB(A)	54	54	57	58	58	59	61	61	65	65	≤75
Circulating Water Outlet	inch	DN25 External teeth	DN32 External teeth	DN40 External teeth	DN40 External teeth	DN40 External teeth	DN65 Flange	DN65 Flange	DN65 Flange	DN80 Flange	DN80 Flange	DN80 Flange
Water Flow Rate	m³/h	3.01	4.214	6.02	7.22	9.03	12.90	15.05	18.06	24.12	30.10	30.10
Weight	kg	148	172	248	272	405	498	643	725	875	1052	1280
Dimensions (mm)	L	750	810	1450	1450	1480	1806	2006	2006	2112	2112	2112
	W	750	810	725	725	900	1056	1056	1056	1806	2006	2006
	H	1050	1250	1050	1200	1630	1935	2055	2055	2035	2055	2055

Note:

- 1①Heating: DB20°C / WB15°C, water temperature from 15°C to 55°C;
- 2②Heating: DB-7°C / WB6°C, water temperature from 15°C to 55°C;
- 3 Using ambient temperature:-12°C~43°C.

Model 2 (EVI type)		L-030(E)	L-050(E)	L-070(E)	L-100(E)	L-120(E)	L-150(E)	L-200(E)	L-250(E)	L-300(E)
Nominal Heating Capacity ①	kw	9.0	17.5	24.5	35.0	42.0	52.5	75.0	87.5	105.0
Input Power ①	kw	1.96	3.80	5.33	7.61	9.13	11.41	16.30	19.02	22.83
Input Current ①	A	8.89	7.23	10.12	14.45	17.34	21.68	30.97	36.13	43.35
<b>COP ①</b>		4.60	4.60	4.60	4.60	4.60	4.60	4.60	4.60	4.60
Nominal Heating Capacity ②	kw	6.0	9.3	12.5	18.2	22.4	25.0	36.0	47.0	56.4
Input Power ②	kw	2.03	3.26	4.39	6.39	7.86	8.77	12.63	16.49	19.79
Input Current ②	A	9.24	6.20	8.33	12.13	14.93	16.66	23.99	31.32	37.58
<b>COP ②</b>		2.95	2.85	2.85	2.85	2.85	2.85	2.85	2.85	2.85
Power Supply	V	220	380	380	380	380	380	380	380	380
Number Of Compressors		1	1	1	2	2	2	2	2	2
Noise	dB(A)	60	62	62	65	65	68	68	70	70
Circulating Water Outlet		DN25 Inner teeth	DN25 Inner teeth	DN32 Inner teeth	DN40 Inner teeth	DN40 Inner teeth	DN40 Inner teeth	DN65 Flange	DN65 Flange	DN65 Flange
Water Flow Rate	m³/h	1.89	3.05	3.85	5.76	6.89	7.74	11.32	13.90	16.48
Refrigerant Type		R22	R22	R22	R22	R22	R22	R22	R22	R22
Dimensions(mm)	L	710	809	870	1450	1450	1480	1886	2086	2086
	W	768	750	810	780	780	900	1056	1106	1106
	H	845	1045	1250	1045	1195	1660	2190	2196	2196
Weight	kg	135	156	186	265	285	425	512	695	780

Note:

- 1①Heating: DB7°C / WB6°C, maximum water outlet temperature 55°C;
- 2②Heating: DB-12°C / WB-14°C, maximum water outlet temperature 55°C;
- 3 Using ambient temperature:-25°C~43°C.