



HOT WATER HEAT PUMP

- NORMAL TEMPERATURE TYPE**
- LOW TEMPERATURE TYPE**

- Safe
- Comfortable
- ECO Friendly
- Quiet

L

<L-030~L-070>
Galvanized sheet painted UV resistant shell.



<L-100~L-120>
Galvanized sheet painted UV resistant shell.



<L-150~L-500II>
Galvanized sheet painted UV resistant shell.



■ Suitable for various places requiring hot water or heating.

»»» **ECO Friendly**

Using R410A environmentally friendly refrigerant.

»»» **Advanced Control**

Adopt microcomputer intelligent control, it can realize that when any terminal equipment is opened, the main machine is automatically opened, and when all terminals are closed, the main machine is automatically closed. Multiple units can be controlled simultaneously.

»»» **Operate Under Full Working Conditions**

No need for electric heating, the highest outlet water temperature can reach 55°C. Intelligent control, automatic load regulation design technology, all-weather and all-condition reliable operation.



»»» **Anti-freezing Design**

Powerful anti-freezing design. The main unit is equipped with multiple sensors to monitor real-time changes in operation parameters. Based on the outdoor ambient temperature and the temperature of the inlet and outlet water, the anti-freezing protection program is automatically activated to ensure safer use of the equipment.

»»» **EVI Technology**

The technology of EVI low temperature gas supplementing enthalpy and efficient scroll compressor is adopted, with industrial-grade linear electronic expansion valve throttle control and linear gas injection control technology, which has excellent low temperature heating performance.

<L-400IV~L-600IV>
Galvanized sheet painted UV resistant shell.



<Side Air Outlet Type>
Galvanized sheet painted UV resistant shell.



• Customizable stainless steel construction
Stainless Steel 304 Shell.



HOT WATER HEAT PUMP



LOW TEMPERATURE TYPE

NORMAL TEMPERATURE TYPE

Model	L-030	L-050	L-070	L-100	L-120	L-150	L-200	L-250	L-300	L-400II	L-500II
Heating Capacity	9.6	18.3	25.5	36.2	43.8	54.8	73.6	91.5	109.3	146.8	182.5
Water Production	206	393	548	778	941	1178	1582	1967	2349	3155	3923
COP	4.61	4.61	4.61	4.61	4.61	4.61	4.61	4.61	4.61	4.61	4.61
Power	2.1	4.0	5.5	7.9	9.5	11.9	16.0	19.8	23.7	31.8	39.6
Current	9.5	6.8	9.4	13.4	16.2	20.3	27.3	33.9	40.5	54.4	67.6
Power Supply	/ 220V/~/50Hz 380V/3N~/50Hz										
Max. Current Input	17	13	17	23	26	32	47	58	72	90	105
Max. Power Input	3.7	7.3	9.5	12.9	14.5	17.9	26.3	32.4	40.3	50.3	58.7
Compressor Type	/ Rotary Fully enclosed scroll										
Water Pressure Drop	91	105	190	104	180	180	75	90	90	150	150
Noise	58	60	63	65	66	68	70	72	72	73	73
Connection Size	DN25 Female Thread	DN32 Female Thread	DN32 Female Thread	DN40 Female Thread	DN40 Female Thread	DN50 Female Thread	DN65 Flange	DN65 Flange	DN65 Flange	DN80 Flange	DN80 Flange
Water Flow	2.5	4	6	8	10	12	16	20	25	32	42
Refrigerant	/ R410A										
Operating Temperature Range	-12~45										
Dimensions (L*W*H)	768*709*868	805*750*1068	870*810*1268	1450*780*1073	1450*780*1223	1480*900*1660	1886*1056*2190	2086*1106*2200	2086*1106*2200	2450*1302*2260	2450*1302*2260
Weight	112	160	185	220	280	410	530	615	725	805	982

- Rated Heating Condition: Outdoor (DB/WB) Temp. 20°C/15°C, Initial Inlet Water Temp. 15°C, and Stop Inlet Water Temp. 55°C.
 - The data above is for reference only. For model specifications, please refer to the nameplate on the unit.



REGULAR TYPE

L Series
<L-030~
L-500II>

Model	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)	L-400II(E)	L-500II(E)	
Heating Condition 1 (A20°C/W55°C)	Heating Capacity	9.6	18.3	25.5	36.2	43.8	54.8	73.6	91.5	109.3	146.8	182.5
	Water Production	206	393	548	778	941	1178	1582	1967	2349	3155	3923
	COP	4.61	4.61	4.61	4.61	4.61	4.61	4.61	4.61	4.61	4.61	4.61
	Power	2.1	4.0	5.5	7.9	9.5	11.9	16.0	19.8	23.7	31.8	39.6
Heating Condition 2 (A7°C/W55°C)	Current	9.5	6.8	9.4	13.4	16.2	20.3	27.3	33.9	40.5	54.4	67.6
	Heating Capacity	7.5	14.5	20.0	28.5	34.3	43.0	57.8	71.8	85.8	115.2	143.2
	Water Production	161	312	430	613	737	924	1242	1543	1844	2476	3078
	COP	3.62	3.62	3.62	3.62	3.62	3.62	3.62	3.62	3.62	3.62	3.62
Heating Condition 3 (A-12°C/W55°C)	Power	2.1	4.0	5.5	7.9	9.5	11.9	16.0	19.8	23.7	31.8	39.6
	Current	9.4	6.8	9.4	13.4	16.2	20.3	27.3	33.9	40.5	54.3	67.5
	Heating Capacity	5.2	10.0	13.7	19.8	23.7	29.8	40.0	49.6	59.3	79.5	98.8
	Water Production	112	215	294	426	509	641	860	1066	1275	1709	2124
Power Supply	COP	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
	Power	2.1	4.0	5.5	7.9	9.5	11.9	16.0	19.8	23.7	31.8	39.5
	Current	9.5	6.8	9.4	13.5	16.2	20.3	27.3	33.9	40.5	54.3	67.5
	Power Supply	/ 220V~/50Hz 380V/3N~/50Hz										
Max. Current Input	17	13	17	23	26	32	47	58	72	90	105	
Max. Power Input	3.7	7.3	9.5	12.9	14.5	17.9	26.3	32.4	40.3	50.3	58.7	
Compressor Type	/ Rotary Fully enclosed scroll											
Water Pressure Drop	91	105	190	104	180	180	75	90	90	150	150	
Noise	58	60	63	65	66	68	70	72	72	73	73	
Connection Size	DN25 Female Thread	DN32 Female Thread	DN32 Female Thread	DN40 Female Thread	DN40 Female Thread	DN50 Female Thread	DN65 Flange	DN65 Flange	DN65 Flange	DN80 Flange	DN80 Flange	
Water Flow	2.5	4	6	8	10	12	16	20	25	32	42	
Refrigerant	/ R410A											
Operating Temperature Range	-30~45											
Dimensions (L*W*H)	768*709*868	805*750*1068	870*810*1268	1450*780*1073	1450*780*1223	1480*900*1660	1886*1056*2190	2086*1106*2200	2086*1106*2200	2450*1302*2260	2450*1302*2260	
Weight	118	170	190	225	285	420	545	620	730	827	1013	

- Heating Condition 1: Outdoor (DB/WB) Temp. 20°C/15°C, Initial Inlet Water Temp. 15°C, and Stop Inlet Water Temp. 55°C;
 - Heating Condition 2: Outdoor (DB/WB) Temp. 7°C/6°C, Initial Inlet Water Temp. 15°C, and Stop Inlet Water Temp. 55°C;
 - Heating Condition 3: Outdoor (DB/WB) Temp. -12°C/-14°C, Initial Inlet Water Temp. 15°C, and Stop Inlet Water Temp. 55°C;
 - The data above is for reference only. For model specifications, please refer to the nameplate on the unit.

NORMAL TEMPERATURE TYPE

Model		L-400IV	L-500IV	L-600IV	
Rated Heating (A20°C/W55°C)	Heating Capacity	kw	146.8	182.5	220.2
	Water Production	L/h	3155	3923	4733
	COP	W/W	4.61	4.61	4.61
	Power	kw	31.8	39.6	47.8
	Current	A	54.4	67.6	81.5
Power Supply	/	380V/3N~/50Hz			
Max. Current Input	A	90	105	120	
Max. Power Input	kw	50.3	58.7	67.1	
Compressor Type	/	Fully enclosed scroll			
Water Pressure Drop	kPa	150	150	150	
Noise	dB(A)	73	73	75	
Connection Size	mm	DN80 Flange	DN80 Flange	DN80 Flange	
Water Flow	m ³ /h	32	42	50	
Refrigerant	/	R410A			
Operating Temperature Range	°C	-12~45			
Dimensions(L*W*H)	mm	2006*2172*2228	2006*2172*2228	2006*2172*2228	
Weight	kg	1085	1265	1425	

- Rated Heating Condition: Outdoor (DB/WB) Temp. 20°C/15°C, Initial Inlet Water Temp. 15°C, and Stop Inlet Water Temp. 55°C.
- The data above is for reference only. For model specifications, please refer to the nameplate on the unit.

HOT WATER HEAT PUMP

L Series
<L-400IV~
L-600IV>



LOW TEMPERATURE TYPE

Model		L-400IV(E)	L-500IV(E)	L-600IV(E)	
Heating Condition 1 (A20°C/W55°C)	Heating Capacity	kw	146.8	182.5	220.2
	Water Production	L/h	3155	3923	4733
	COP	W/W	4.61	4.61	4.61
	Power	kw	31.8	39.6	47.8
	Current	A	54.4	67.6	81.5
Heating Condition 2 (A7°C/W55°C)	Heating Capacity	kw	115.2	143.2	172.8
	Water Production	L/h	2476	3078	3714
	COP	W/W	3.62	3.62	3.62
	Power	kw	31.8	39.6	47.7
	Current	A	54.3	67.5	81.5
Heating Condition 3 (A-12°C/W55°C)	Heating Capacity	kw	79.5	98.8	119.3
	Water Production	L/h	1709	2124	2564
	COP	W/W	2.5	2.5	2.5
	Power	kw	31.8	39.5	47.7
	Current	A	54.3	67.5	81.5
Power Supply	/	380V/3N~/50Hz			
Max. Current Input	A	90	105	120	
Max. Power Input	kw	50.3	58.7	67.1	
Compressor Type	/	Fully enclosed scroll			
Water Pressure Drop	kPa	150	150	150	
Noise	dB(A)	73	73	75	
Connection Size	mm	DN80 Flange	DN80 Flange	DN80 Flange	
Water Flow	m ³ /h	32	42	50	
Refrigerant	/	R410A			
Operating Temperature Range	°C	-30~45			
Dimensions(L*W*H)	mm	2006*2172*2228	2006*2172*2228	2006*2172*2228	
Weight	kg	1100	1320	1450	

- Heating Condition 1: Outdoor (DB/WB) Temp. 20°C/15°C, Initial Inlet Water Temp. 15°C, and Stop Inlet Water Temp. 55°C.
- Heating Condition 2: Outdoor (DB/WB) Temp. 7°C/6°C, Initial Inlet Water Temp. 15°C, and Stop Inlet Water Temp. 55°C.
- Heating Condition 3: Outdoor (DB/WB) Temp. -12°C/-14°C, Initial Inlet Water Temp. 15°C, and Stop Inlet Water Temp. 55°C.
- The data above is for reference only. For model specifications, please refer to the nameplate on the unit.

HOT WATER HEAT PUMP

L Series Side Air Outlet Hot Water Heat Pump

Model		L-030-SW	L-050-SW	L-070-SW	L-100-SW	L-120-SW	L-150-SW	
Rated Heating (A20°C/W55°C)	Heating Capacity	kw	9.6	18.3	25.5	36.2	43.8	54.8
	Water Production	L/h	206	393	548	778	941	1178
	COP	W/W	4.61	4.61	4.61	4.61	4.61	4.61
	Power	kw	2.1	4.0	5.5	7.9	9.5	11.9
	Current	A	9.5	6.8	9.4	13.4	16.2	20.3
Power Supply	/	220V~/50Hz		380V/3N~/50Hz				
Max. Current Input	A	17	13	17	23	26	32	
Max. Power Input	kw	3.7	7.3	9.5	12.9	14.5	17.9	
Compressor Type	/	Rotary		Fully enclosed scroll				
Water Pressure Drop	kPa	91	105	190	104	180	180	
Noise	dB(A)	58	60	63	65	66	68	
Connection Size	mm	DN25 Female Thread	DN32 Female Thread	DN32 Female Thread	DN40 Female Thread	DN40 Female Thread	DN50 Female Thread	
Water Flow	m ³ /h	2.5	4	6	8	10	12	
Refrigerant	/	R410A						
Operating Temperature Range	°C	-12~45						
Dimensions(L*W*H)	mm	1050*450*810	1034*506*1368	1034*506*1368	1700*635*1598	1700*635*1598	1700*635*1598	
Weight	kg	110	144	167	198	252	369	

- Rated Heating Condition: Outdoor (DB/WB) Temp. 20°C/15°C, Initial Inlet Water Temp. 15°C, and Stop Inlet Water Temp. 55°C.
- The data above is for reference only. For model specifications, please refer to the nameplate on the unit.

SIDE AIR OUTLET TYPE

L Series

