Sonyo

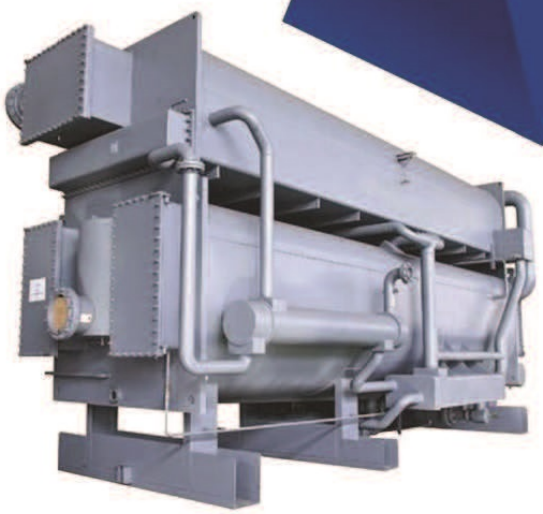
Bingshan

چیلر جذبی

آب گرم سری LCC – DH

- ۳۰ تا ۱۳۲۰ تن تبرید
- آب گرم
- تک اثره

European Certificate | JIS B 8622 Technical Standard | ASME Certificate



آب گرم سری LCC – DH

ویژگی ها

- طراحی خاص جهت جلوگیری از خوردگی
- سیستم اتو پرجینگ گاز های غیر قابل کندانس
- قابلیت اتصال آب گرم سیستم CHP
- دارای دو مدار مستقل در سری HDC
- دارای مبدل صفحه ای بازیافت حرارت محلول غلیظ
- طراحی شده بر اساس استاندارد JIS B 8622 ژاپن
- بازیافت انرژی در پروژه هایی با محصول جانبی آب گرم مانند شیمیایی، فولاد، تزریق پلاستیک و ...

محیط زیست

- استفاده از آب به عنوان مبرد (ODP=0، GWP=0)
- استفاده از حرارت هدر رفت آب گرم در صنایع

کاربردها

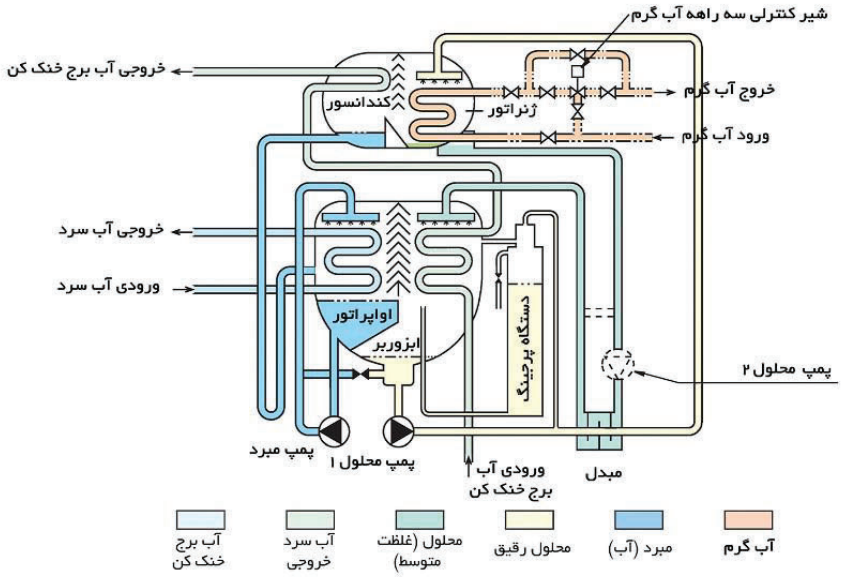
- تهویه مرکزی مجتمع ها، برج ها
- مدارس و مکان های بازی و سرگرمی کودکان
- بیمارستان ها، هتل ها و کارخانه ها
- مراکز اداری، تجاری و فروشگاه ها
- استادیوم ها و سالن های ورزشی

سیستم کنترلی

- صفحه نمایش لمسی
- ریز پردازنده نسل جدید پاناسونیک
- سنسور های با دقت کلاس A
- سیستم کنترلی ضد کریستال

دیاگرام جریان چیلر جذبی

سیکل سرمایش چیلر جذبی آب گرم سری LCC - DH، از آب گرم به عنوان منبع گرمایی در ژنراتور استفاده می کند و تک اثره است. در این سیستم، آب گرم با دمای ۹۵°C وارد ژنراتور شده و با دمای ۷۵°C خارج می شود.



تقسیم بندی مدل های آب گرم بر اساس دمای ورود و خروج

سری	مشخصات
LCC	دمای ورود و خروج آب گرم به ترتیب ۸۸°C و ۸۳°C است. دارای یک ژنراتور، کندانسور، اواپراتور، ابزوربر، مبدل حرارتی، پمپ مبرد و دو پمپ محلول
HCC	دمای ورود و خروج آب گرم به ترتیب ۱۳۰°C و ۱۱۰°C است. دارای یک ژنراتور، کندانسور، اواپراتور، ابزوربر، مبدل حرارتی، پمپ مبرد و دو پمپ محلول
LCC-DH	دمای ورود و خروج آب گرم به ترتیب ۹۵°C و ۷۵°C است. دارای یک ژنراتور، کندانسور، اواپراتور، ابزوربر، مبدل حرارتی، پمپ مبرد و دو پمپ محلول
HDC	دمای ورود و خروج آب گرم به ترتیب ۱۳۰°C و ۶۸°C است. دارای دو ژنراتور، کندانسور، اواپراتور، ابزوربر، مبدل حرارتی، پمپ مبرد، پمپ محلول و یک مبدل بازیافت حرارت آب گرم خروجی

Specifications

■ Low temperature water absorption chiller LCC Series

Model Number			LCC—	E01	E02	E03	E11	E12	E13	E14	E21	E22	E23
Refrigeration Capacity			USRT	30	40	50	75	90	110	135	155	180	210
			kW	105	141	176	264	316	387	475	545	633	738
Chilled water system	inlet/outlet temperature		℃	13 ➡ 8									
	Flow rate		m^3/h	18	24	30	45	54	67	82	94	109	127
	Pressure drop		mH_2O	4.4	4.2	3.0	3.2	3.3	4.0	4.5	4.0	4.4	8.2
	inlet/outlet Connection		A	65			100				125		150
Cooling water system	inlet/outlet temperature		℃	31 ➡ 37									
	Flow rate		m^3/h	37	49	61	91	109	134	164	188	219	255
	Pressure drop		mH_2O	4.2	5.0	6.6	5.4	5.7	4.8	5.9	4.7	5.6	9.7
	inlet/outlet Connection		A	80			125				150		200
Hot water system	inlet/outlet temperature		℃	88 ➡ 83									
	Flow rate		ton/h	26	34	43	64	77	94	115	132	153	179
	Pressure drop		mH_2O	1.5	1.9	3.2	3.2	3.5	1.6	2.0	1.6	1.7	2.8
	inlet/outlet Connection		A	65			100				125		150
	Three-way valve of hot water	Pressure drop	mH_2O	5.1	9.0	5.6	5.0	7.3	4.2	6.4	8.4	4.6	6.3
		Connection diameter	A	50		65	80		100			125	
Power supply	Power supply			3 ϕ 380V 50Hz									
	Total curency		A	7.6					9.1				13.6
	Wire area		mm^2	4.0									
	Power consumption		KVA	5.8					7.0				10.7
Output of motor	No.1 Absorbent Pump		kW(A)	1.1(3.9)					1.8(5.4)				
	No.2 Absorbent Pump		kW(A)	* * * * * * * *									1.3(4.0)
	Refrigerant pump		kW(A)	0.2(1.3)									0.4(1.8)
	Purge Pump		kW(A)	0.4(1.2)									
Overall Dimension	Length(L)		mm	2,220			2,720		3,740		3,840		4,880
	Width(W)		mm	1,125			1,285				1,445		
	Height(H)		mm	1,900			2,170		2,150		2,340		
	Clearance state		mm	1,500			2,000		3,000				4,000
Weight	Operating weight		ton	2.5	2.7	3.1	4.1	4.3	5.3	5.7	6.9	7.2	8.4
	Max. moving weight		ton	2.1	2.3	2.7	3.5	3.7	4.6	4.9	5.8	6.1	7.1
	Total weight		ton	2.1	2.3	2.7	3.5	3.7	4.6	4.9	5.8	6.1	7.1
	Moving state			One-Section									
Water maintained in machine	Chilled water system		/	67	82	101	113	127	148	170	216	235	274
	Cooling water system		/	105	117	130	342	373	427	474	595	650	713

(1) Max. working pressure in chilled water, hot water, cooling water system: 8kg/cm^2 · G.
High pressure model is available, dimension and foundation may be changed, so please enquire with the manufacturer.
(2) Range of chilled/hot/cooling water flow:50～120%.
(3) Standard hot water control valve is 3-way valve; it may be changed to 2-way valve on request.
(4) Standard hot water control valve is electrodynamic type, it may be changed to pneumatic type on request. (operating air pressure is 4kg/cm^2 · G).

Specifications

E24	E31	E32	E41	E42	E51	E52	E53	E61	E62	E63	E71	E72	E73	E81	E82
240	270	300	335	375	420	470	525	600	675	750	827	900	992	1,158	1,323
844	949	1,055	1,178	1,319	1,477	1,653	1,846	2,110	2,373	2,637	2,908	3,165	3,488	4,070	4,651
13 ➡ 8														12 ➡ 7	
145	163	181	203	227	254	284	318	363	408	454	500	544	600	700	800
8.6	8.9	8.6	8.4	8.4	8.4	4.2	5.5	10.1	13.6	6.0	11.8	15.0	6.5	6.1	8.3
150			200							250			300	350	
31 ➡ 37														30 ➡ 38	
291	328	364	407	455	510	571	637	728	819	910	1,004	1,092	1,204	1,063	1,225
10.9	8.1	8.8	9.3	10.3	7.3	9.7	12.7	8.0	10.7	13.8	10.4	13.0	16.6	9.6	13.3
200			250		300			350			400				
88 ➡ 83														98 ➡ 88	
205	230	256	285	320	358	400	447	511	575	639	704	767	845	500	580
3.0	3.1	3.2	2.9	3.1	3.1	4.1	5.4	3.2	4.2	1.4	1.0	1.2	1.5	1.9	2.6
150			200					250			300			250	
8.3	4.1	5.1	6.3	7.9	4.0	5.0	6.2	3.2	4.1	5.0	6.1	7.3	8.8	3.1	4.2
125	150				200			250							
3 ϕ 380V 50Hz															
13.6	14.6		16.0				17.0	27.1			33.3				
4.0								6.0			10.0				
10.7	11.5		12.7				13.5	21.8			26.9				
1.8(5.4)	1.8(6.4)							5.5(16.5)							
1.3(4.0)			1.8(5.4)				1.8(6.4)				3.7(12.0)				
0.4(1.8)															
0.4(1.2)											0.75(1.8)				
4,880	4,980		5,080		5,220	5,760	6,260	5,630	6,130	6,650	6,530	7,060	7,550	6,940	7,440
1,445	1,520		1,640		2,020			2,130			2,650			2,825	
2,340	2,630		2,890		3,250			3,860			4,000			4,080	
4,000						4,500	5,000	5,200	5,700	6,200	6,000	6,500	7,000	6,500	7,000
8.9	10.6	11.1	12.9	13.4	19.1	20.7	21.8	29.4	31.4	33.4	39.5	41.6	44.0	45.0	48.0
7.5	8.9	9.3	10.7	11.1	15.9	17.2	18.1	23.6	25.4	27.1	25.6	26.8	28.4	25.0	26.0
7.5	8.9	9.3	10.7	11.1	15.9	17.2	18.1	23.6	25.4	27.1	32.4	34.2	36.3	38.5	41.0
One-Section											∗1			Moving separately	
298	333	354	451	478	648	707	762	1,160	1,250	1,340	1,520	1,635	1,740	1,830	1,940
785	990	1,060	1,247	1,346	2,022	2,175	2,313	3,110	3,285	3,490	3,080	3,245	3,400	4,510	4,760

(5) "A" stands for nominal diameter, unit mm.
(6) ∗1: At delivery and hand-over, LiBr solution is stored separately.
(7) Implementation standard JISB 8622.
(8) And, the values in above table may be modified without notice.

Specifications

■ Low temperature water absorption chiller LCC-DH Series

Model Number			LCC—**DH	E01	E02	E03	E11	E12	E13	E14	E21	E22	E23
Refrigeration Capacity			USRT	30	40	50	75	90	110	135	155	180	210
			kW	105	141	176	264	316	387	475	545	633	738
Chilled water system	inlet/outlet temperature		℃	13 ➡ 8									
	Flow rate		m³/h	18.1	24.2	30.2	45.4	54.4	66.5	81.6	93.7	109	127
	Pressure drop		mH₂O	4.3	3.9	7.1	3.8	4.2	4.5	4.8	4.1	4.4	8.2
	inlet/outlet Connection		A	65			100				125		150
Cooling water system	inlet/outlet temperature		℃	31 ➡ 37									
	Flow rate		m³/h	33.8	45.0	56.3	84.5	102	124	153	175	203	237
	Pressure drop		mH₂O	4.2	5.1	6.7	5.0	5.6	7.8	8.8	7.4	7.9	5.5
	inlet/outlet Connection		A	80			125				150		200
Hot water system	inlet/outlet temperature		℃	95 ➡ 75									
	Flow rate		ton/h	5.6	7.5	9.3	14.0	16.8	20.5	25.2	28.9	33.6	39.2
	Pressure drop		mH₂O	10.0	7.8	9.2	6.9	9.8	5.8	6.1	6.1	6.4	5.9
	inlet/outlet Connection		A	50			65				80		100
	Three-way valve of hot water	Pressure drop	mH₂O	0.7	1.2	0.7	1.6	0.9	1.4	2.3	1.1	1.5	0.8
		Connection diameter	A	40		50		65			80		100
Power supply	Power supply			3 ϕ 380V 50Hz									
	Total curency		A	7.6			11.5		13.0		13.1		13.6
	Wire area		mm²	4.0									
	Power consumption		KVA	5.8			9.0		10.2		10.3		10.7
Output of motor	No.1 Absorbent Pump		kW(A)	1.1(3.9)					1.8(5.4)				
	No.2 Absorbent Pump		kW(A)	* * * * * * * *			1.1(3.9)				1.3(4.0)		
	Refrigerant pump		kW(A)	0.2(1.3)									0.4(1.8)
	Purge Pump		kW(A)	0.4(1.2)									
Overall Dimension	Length(L)		mm	2,090		2,590	2,720		3,740		3,840		4,880
	Width(W)		mm	1,125			1,285				1,445		
	Height(H)		mm	2,065	2,090		2,375				2,485		
	Clearance state		mm	1,500		2,000			3,000				4,000
Weight	Operating weight		ton	2.7	2.9	3.3	4.4	4.6	5.6	6.0	7.3	7.6	8.8
	Max. moving weight		ton	2.3	2.5	2.9	3.8	4.0	4.9	5.2	6.2	6.5	7.5
	Total weight		ton	2.3	2.5	2.9	3.8	4.0	4.9	5.2	6.2	6.5	7.5
	Moving state			One-Section									
Water maintained in machine		Chilled water system	ℓ	67	82	101	113	127	148	170	216	235	274
		Cooling water system	ℓ	105	117	130	342	373	427	474	595	650	713

(1) Max. working pressure in chilled water, hot water, cooling water system: 8kg/cm² · G.
High pressure model is available, dimension and foundation may be changed, so please enquire with the manufacturer.
(2) Range of chilled/hot/cooling water flow:50～120%.
(3) Standard hot water control valve is 3-way valve; it may be changed to 2-way valve on request.
(4) Standard hot water control valve is electrodynamic type, it may be changed to pneumatic type on request. (operating air pressure is 4kg/cm² · G).

Specifications

E24	E31	E32	E41	E42	E51	E52	E53	E61	E62	E63	E71	E72	E73	E81	E82
240	270	300	335	375	420	470	525	600	675	750	827	900	992	1,158	1,323
844	949	1,055	1,178	1,319	1,477	1,653	1,846	2,110	2,373	2,637	2,908	3,165	3,488	4,072	4,651
13 ➡ 8															
145	163	181	203	227	254	284	318	363	408	454	500	544	600	700	800
8.6	9.1	9.5	9.1	7.9	7.2	9.9	4.8	10.0	13.4	5.8	11.6	14.7	6.0	5.9	8.0
150			200							250			300	350	
31 ➡ 37														30 ➡ 38	
271	305	338	378	423	474	530	592	676	761	845	932	1,014	1,118	979	1,118
5.8	6.1	6.5	5.4	5.4	6.6	8.9	11.7	8.7	11.7	15.3	9.5	11.9	14.7	8.7	11.8
200			250		300			350			400				
95 ➡ 75														98 ➡ 78	
44.8	50.4	56.0	62.5	70.0	78.4	87.7	98	112	126	140	154	168	185	216	247
5.7	6.0	6.1	6.0	5.8	6.0	8.3	6.5	8.4	7.0	9.1	6.5	8.2	10.3	5.0	6.4
100			125				150				200				
1.6	1.3	1.6	0.8	1.0	1.3	1.7	0.8	1.1	1.3	1.6	0.8	0.9	1.2	1.7	0.9
100			125				150				200				
3 ϕ 380V 50Hz															
13.6	14.6		16.0				17.0	27.1			33.3				
4.0								6.0			10.0				
10.7	11.5		12.7				13.5	21.8			26.9				
1.8(5.4)	1.8(6.4)							5.5(16.5)							
1.3(4.0)			1.8(5.4)					1.8(6.4)			3.7(12.0)				
0.4(1.8)															
0.4(1.2)											0.75(1.8)				
4,880	4,980		5,080		5,220	5,760	6,260	5,630	6,130	6,650	6,530	7,060	7,550	6,940	7,440
1,445	1,580		1,670		2,020			2,440			2,650			2,825	
2,485	2 ,535		3,090		3,450			3,910			4,000			4,250	
4,000						4,500	5,000	5,200	5,700	6,200	6,000	6,500	7,000	6,500	7,000
9.3	11.1	11.6	13.5	14.0	19.8	21.4	22.5	30.2	32.2	34.2	40.4	42.5	44.9	46.0	49.0
7.9	9.4	9.8	11.3	11.7	16.6	17.9	18.8	24.4	26.2	27.9	26.5	27.7	29.3	25.0	26.0
7.9	9.4	9.8	11.3	11.7	16.6	17.9	18.8	24.4	26.2	27.9	33.3	35.1	37.2	39.5	42.0
One-Section											∗1			Moving separately	

298	333	354	451	478	648	707	762	1,160	1,250	1,340	1,520	1,635	1,740	1,830	1,940
785	990	1,060	1,247	1,346	2,022	2,175	2,313	3,110	3,285	3,490	3,080	3,245	3,400	4,510	4,760

(5) "A" stands for nominal diameter, unit mm. (6) ∗1: At delivery and hand-over, LiBr solution is stored separately.
(7) The dimension may vary dependent on the temperature difference, so please enquire with the manufacturer for dimension drawing and foundation drawing,etc.
(8) Implementation standard JISB 8622.
(9) And, the values in above table may be modified without notice.

Specifications

■ High temperature water absorption chiller HCC Series

Model Number			HCC—	E24	E32	E42	E52
Refrigeration Capacity			USRT	320	400	500	630
			kW	1,125	1,406	1,758	2,215
Chilled water system	inlet/outlet temperature		℃	12 ➡ 7			
	Flow rate		m³/h	194	242	302	381
	Pressure drop		mH₂O	5.3	5.8	5.1	7.2
	inlet/outlet Connection		A	150		200	
Cooling water system	inlet/outlet temperature		℃	32➡ 39.4			
	Flow rate		m³/h	320	400	500	630
	Pressure drop		mH₂O	10.2	7.5	9.3	8.3
	inlet/outlet Connection		A	200		250	300
Hot water system	inlet/outlet temperature		℃	130 ➡ 110			
	Flow rate		ton/h	69.1	86.4	108	137
	Pressure drop		mH₂O	2.0	1.8	2.0	1.0
	inlet/outlet Connection		A	100	125		150
	Three-way valve of hot water	Pressure drop	mH₂O	2.6	4.0	2.6	4.2
		Connection diameter	A	100		125	
Power supply	Power supply			3 ϕ 380V 50Hz			
	Total curency		A	13.6	14.6	16.0	
	Wire area		mm²	4.0			
	Power consumption		KVA	10.7	11.5	12.7	
Output of motor	No.1 Absorbent Pump		kW(A)	1.8(5.4)	1.8(6.4)		
	No.2 Absorbent Pump		kW(A)	1.3(4.0)		1.8(5.4)	
	Refrigerant pump		kW(A)	0.4(1.8)			
	Purge Pump		kW(A)	0.4(1.2)			
Overall Dimension	Length(L)		mm	5,200	5,350		5,800
	Width(W)		mm	1,670	1,765	1,900	2,115
	Height(H)		mm	2,815	3,145	3,475	3,770
	Clearance state		mm	4,500	4,600	4,600	5,200
Weight	Operating weight		ton	10.6	13.4	16.1	23.4
	Max. moving weight		ton	9.0	11.3	13.5	10.4
	Total weight		ton	9.0	11.3	13.5	19.7
	Moving state			One-Section			Moving separately
Water maintained in machine		Chilled water system	ℓ	355	440	580	975
		Cooling water system	ℓ	875	1,175	1,455	2,245

(1) Max. working pressure in chilled water, hot water, cooling water system: 8kg/cm² · G.
High pressure model is available, dimension and foundation may be changed, so please enquire with the manufacturer.
(2) Range of chilled/hot/cooling water flow:50～120%.
(3) Standard hot water control valve is electrodynamic type, it may be changed to pneumatic type on request. (operating air pressure is 4kg/cm² · G).

Specifications

E61	E63	E71	E72	E73	E81	E82
800	1,000	1,100	1,200	1,322	1,400	1,500
2,813	3,516	3,867	4,219	4,651	4,923	5,274
12 ➡ 7						
484	605	665	726	800	847	907
5.1	9.0	7.1	9.0	11.5	9.0	11.0
250		300			350	
32 ➡39.4						
800	1,000	1,100	1,200	1,322	1,400	1,500
7.4	12.4	12.6	15.9	20.3	16.4	19.8
350		400				
130 ➡ 110						
173	216	238	260	286	303	324
0.9	1.4	1.5	1.9	2.4	1.7	2.0
200					250	
2.6	4.0	2.0	2.4	2.9	3.2	3.7
150		200				
3 ϕ 380V 50Hz						
27.1		33.3				
6.0		10.0				
21.8		26.9				
5.5(16.5)						
1.8(6.4)		3.7(12.0)				
0.4(1.8)						
0.4(1.2)		0.75(1.9)				
6,100	7,130	6,570	7,090	7,590	7,210	7,710
2,225		2,600			2,745	
4,490		4,660			4,865	
5,300	6,300	6,100	6,600	7,100	6,600	7,100
29.1	33.5	35.0	38.4	41.8	44.8	47.2
12.3	13.9	14.9	16.4	17.9	22.1	23.4
24.2	27.9	28.9	31.8	34.6	37.2	39.8
Moving separately						

1,270	1,470	1,550	1,660	1,770	1,960	2,090
3,285	3,680	4,090	4,155	4,220	5,035	5,305

(4) "A" stands for nominal diameter, unit mm.
(5) Implementation standard JISB 8622.
(6) And, the values in above table may be modified without notice.

Specifications

■ High temperature water absorption chiller HDC Series

Model Number			HDC—	E60	E80	E100	E133
Refrigeration Capacity			USRT	198	265	331	440
			kW	698	930	1,163	1,574
Chilled water system	inlet/outlet temperature		℃	12 ➡ 7			
	Flow rate		m³/h	120	160	200	266
	Pressure drop		mH₂O	16.2	15.5	10.5	15.6
	inlet/outlet Connection		A	125	150		200
Cooling water system	inlet/outlet temperature		℃	32 ➡ 38			
	Flow rate		m³/h	237	315	394	524
	Pressure drop		mH₂O	8.7	5.6	9.7	5.4
	inlet/outlet Connection		A	200/125×2	250/150×2		300/200×2
Hot water system	inlet/outlet temperature		℃	130 ➡ 68			
	Flow rate		ton/h	13.3	17.6	22.0	29.3
	Pressure drop		mH₂O	8.0	9.8	10.9	9.7
	inlet/outlet Connection		A	65		80	
	Three-way valve of hot water	Pressure drop	mH₂O	1.2	2.2	1.4	2.4
		Connection diameter	A	50		65	
Power supply	Power supply			3 φ 380V 50Hz			
	Total curency		A	13.4	16.4		
	Wire area		mm²	4.0			
	Power consumption		KVA	10.5	13.0		
Output of motor	No.1 Absorbent Pump		kW(A)	1.1(3.9)×2	1.8(5.4)×2		
	No.2 Absorbent Pump		kW(A)	* * * * * * * *			
	Refrigerant pump		kW(A)	0.2(1.3)×2			
	Purge Pump		kW(A)	0.75(1.8)			
Overall Dimension	Length(L)		mm	4,100	5,190	6,230	5,380
	Width(W)		mm	1,920			2,370
	Height(H)		mm	2,700			3,100
	Clearance state		mm	3,400	4,500	5,600	4,600
Weight	Operating weight		ton	12.5	15.3	18.0	23.9
	Max. moving weight		ton	10.4	12.6	14.8	19.0
	Total weight		ton	10.4	12.6	14.8	19.0
	Moving state			One-Section			
Water maintained in machine		Chilled water system	/	731	905	1,070	1,662
		Cooling water system	/	1,171	1,495	1,754	2,636
		Hot water system	/	312	390	453	698

(1) Max. working pressure in chilled water, hot water, cooling water system: 8kg/cm² · G.
High pressure model is available, dimension and foundation may be changed, so please enquire with the manufacturer.
(2) Range of chilled/hot/cooling water flow:50～120%.
(3) Standard hot water control valve is electrodynamic type, it may be changed to pneumatic type on request. (operating air pressure is 4kg/cm² · G).

Specifications

E150	E166	E200	E250	E300	E350	E400
496	549	661	827	992	1,157	1,323
1,744	1,930	2,326	2,907	3,488	4,070	4,651
12 ➡ 7						
300	332	400	500	600	700	800
8.0	10.4	16.7	10.2	16.4	12.2	17.2
200			250		300	
32 ➡ 38						
591	654	788	984	1,181	1,378	1,575
7.3	9.3	9.3	9.4	9.1	11.6	16.3
300/200×2			350/250×2		400/300×2	
130 ➡ 68						
33.0	36.5	44.0	54.9	65.9	76.9	87.9
8.2	10.3	9.9	10.9	10.3	10.5	11.0
80	100		125			
3.3	1.5	2.2	1.3	1.9	2.7	1.5
65	80		100			125
3 φ 380V 50Hz						
17.4	19.4				43.0	
4.0					16.0	
13.8	15.5				34.9	
1.8(5.4)×2	1.8(6.4)×2				3.7(11.8)×2	
* * * * * * * *					1.8(6.4)×2	
0.4(1.8)×2						
0.75(1.8)						
5,930	6,480	7,490	6,690	7,620	8,585	9,650
2,370			2,920		3,250	
3,100			3,550		3,935	
5,100	5,600	7,000	6,000	7,000	8,500	9,500
26.0	28.1	32.1	41.5	47.2	65.5	72.5
20.7	22.4	25.6	32.6	37.2	45.4	50.0
20.7	22.4	25.6	32.6	37.2	51.8	57.5
One-Section					∗1	

1,802	1,934	2,198	3,025	3,421	5,443	5,974
2,859	3,070	3,497	4,792	5,428	6,677	7,343
747	811	906	1,238	1,376	1,558	1,696

(4) "A" stands for nominal diameter, unit mm.
(5) ∗1: At delivery and hand-over, LiBr solution is stored separately.
(6) The dimension may vary dependent on the temperature difference, so please enquire with the manufacturer for dimension drawing and foundation drawing,etc.
(7) Implementation standard JISB 8622.
(8) And, the values in above table may be modified without notice.