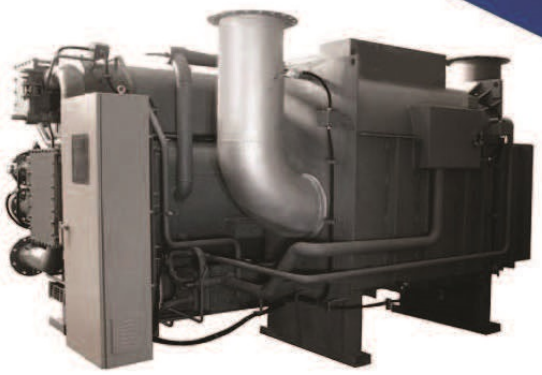
Sonyo
Bingshan

چیلر جذبی
گاز داغ سری YP

- ۹۰ تا ۹۰۰ تن تبرید
- ۱۵۰ تا ۲۰۰۰ کیلووات
- گاز داغ و آب گرم
- دو اثره

CE European Certificate
JIS B 8622 Technical Standard
ASME Certificate



گاز داغ سری YP

ویژگی ها

- اتصال مستقیم دودکش سیستم دیزل ژنراتور بدون نیاز به مبدل اضافی
- قابلیت اتصال آب گرم جکت سیستم CHP
- قابلیت اتصال مشعل
- دارای مبدل صفحه ای بازیافت حرارت محلول غلیظ
- دارای مبدل بازیافت حرارتی جهت کندانس مبرد با طراحی منحصر به فرد پاناسونیک
- طراحی خاص جهت جلوگیری از خوردگی
- سیستم اتو پرجینگ گاز های غیر قابل کندانس
- دارای دو ژنراتور دما بالا و دما پایین

محیط زیست

- استفاده از آب به عنوان مبرد (ODP=0، GWP=0)
- کاهش انتشار گاز های گلخانه ای صنایع مختلف

کاربردها

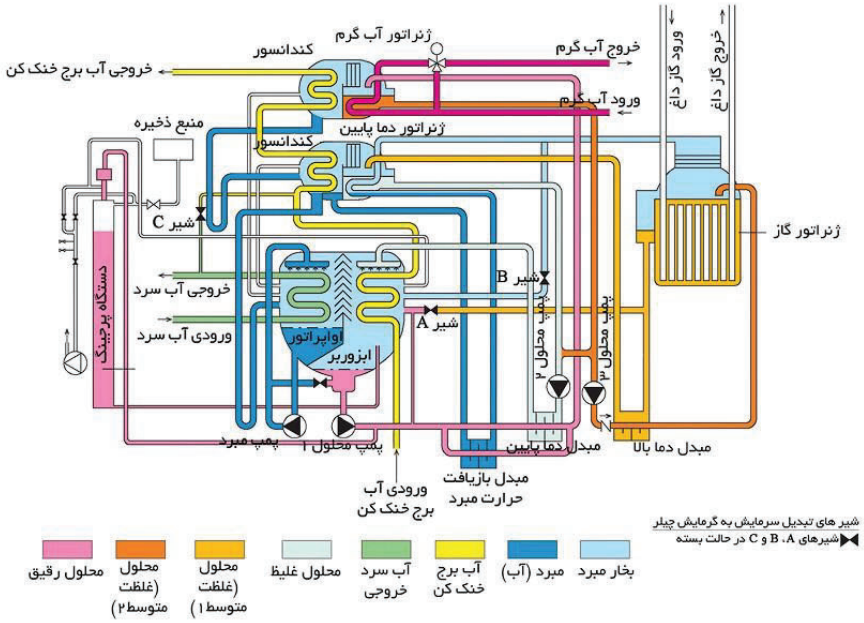
- نیروگاه های مقیاس کوچک و CHP
- صنایع فولاد
- نیروگاه و پلانت های نفت و گاز
- بیمارستان و هتل
- مراکز اداری، تجاری و فروشگاه
- سردخانه ها
- استادیوم و سالن ورزشی

سیستم کنترلی

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

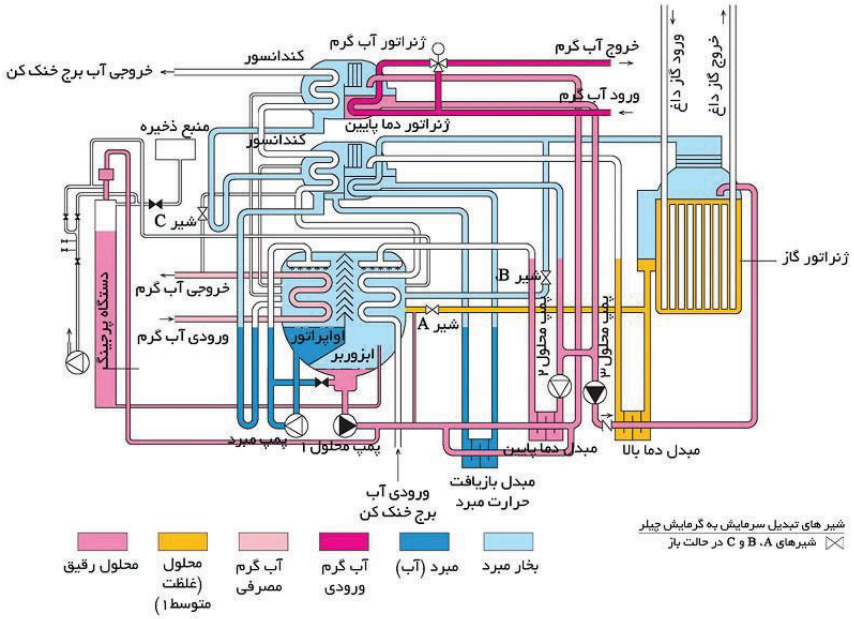
سیکل سرمایش

سیکل سرمایش چیلر جذبی YP-LHD، از گاز داغ به عنوان منبع حرارتی استفاده می کند. گاز داغ می تواند محصول خروجی از نیروگاه مقیاس کوچک گازی، هوای داغ خط تولید فولاد، محصولات احتراق موتور دیزل ژنراتور و توربین و ... باشد. در صورت استفاده از گاز خروجی از موتور دیزل ژنراتور،از آب خنک کن این موتور نیز می توان به عنوان منبع حرارتی در ژنراتوردما پایین استفاده کرد.
در مدل های YP-LHD در صورت نیاز به توان سرمایشی بیشتر و یا در نبود گاز داغ، ژنراتور شعله مستقیم این چیلر نیز فعال خواهد شد.



سیکل گرمایش

سیکل گرمایش چیلر جذبی گاز داغ، مانند سیکل سرمایش آن است با این تفاوت که از آب برج خنک کن استفاده نمی شود و آب مصرفی در اواپراتور دستگاه گرم می شود.



Specification

● Flue gas double-effect LiBr absorption chiller/heater

model		YP-**LHB	11	12	13	14	21	22	23
refrigeration capacity		USRT	100	120	150	180	210	240	280
		kW	352	422	527	633	738	844	985
		10^4kcal/h	30.2	36.3	45.4	54.4	63.5	72.6	84.7
heating capacity		kW	282	338	423	506	590	675	788
		10^4kcal/h	24.2	29.0	36.3	43.5	50.8	58.1	67.7
chilled water system	inlet/outlet temperature	℃	12→7						
	flow rate	m^3/h	60.5	72.6	90.7	108.9	127.0	145.2	169.3
	pressure drop	mH_2O	6.2	6.4	8.6		7.5	8.1	5.3
	inlet/outlet diameter	A	DN100				DN125		DN150
	maximum working pressure	MPa	0.8						
hot water system	inlet/outlet temperature	℃	56→60						
	flow rate	m^3/h	60.5	72.6	90.7	108.9	127.0	145.2	169.3
	pressure drop	mH_2O	6.2	6.4	8.6		7.5	8.1	5.3
	inlet/outlet diameter	A	DN100				DN125		DN150
	maximum working pressure	MPa	0.8						
cooling water system	inlet/outlet temperature	℃	32→37.5						
	flow rate	m^3/h	94	113	141	170	198	226	264
	pressure drop	mH_2O	4.3	4.8	6.6	7.6	5.8	6.4	11.7
	inlet/outlet diameter	A	DN125				DN150		DN200
	maximum working pressure	MPa	0.8						
power	power supply		3phase、380V、50Hz						
	total electric current	A	10.9		14.2		14.3		17.3
	wire area	mm^2	4.0						
	power consumption	kVA	13.6						13.7
motor rated power	No.1 absorbent pump	kW(A)	1.3(3.5)		2.5(6.8)				3.4(9.1)
	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)						
flue gas systrm	inlet diameter	A	DN250		DN300	DN350	DN400		DN450
	outlet diameter	A	DN250		DN300	DN350	DN400		DN450
	maximum consumption	kg/h	2,400	2.880	3,600	4,320	5,040	5,760	6,720
	pressure drop	mmH_2O	100	150	105	100	95	130	105
weight	operation weigit	ton	5.5	6.1	7.6	8.3	9.6	10.0	11.3
	Max. moving weight	ton	5.1	5.6	7.1	7.7	8.8	9.2	10.4
	total weight	ton	5.1	5.6	7.1	7.7	8.8	9.2	10.4
	moving state		one section						
overall dimension	length	mm	2,670	2,790	3,690		3,710		4,760
	width	mm	1,990		2,140		2,365		2,650
	height	mm	2,065		2,065		2,260		2,260
clearance		mm	2,400		3,400				4,500

(1) Fule gas rated inlet temperature:500℃
(2) Minimum temperature of chilled water outlet:5℃
(3) Normal working, minimum inlet temperature of cooling water:19℃
(4) Adjustable range of chilled water flow:50%~120%
(5) Adjustable range of cooling water flow: 50%~120%
(6) The species of the LiBr absorption chiller is different according to the waste heat /exhaust gas, if you want to know the detail, you can contact us.

Specification

24	31	32	41	42	51	52	53
320	360	400	450	500	560	630	700
1,125	1,266	1,407	1,582	1,758	1,969	2,215	2,461
96.8	108.9	121.0	136.1	151.2	169.3	190.5	211.7
900	1,013	1,126	1,266	1,406	1,575	1,772	1,969
77.4	87.1	96.8	108.9	121.0	135.5	152.4	169.3
12→7							
193.5	217.7	241.9	272.2	302.4	338.7	381.0	423.4
5.7	6.2	6.6	5.7	5.1	4.5	6.1	8.0
DN150			DN200				
0.8							
56→60							
193.5	217.7	241.9	272.2	302.4	338.7	381.0	423.4
5.7	6.2	6.6	5.7	5.1	4.5	6.1	8.0
DN150			DN200				
0.8							
32→37.5							
302	339	377	424	471	528	594	660
12.6	9.6	10.2	10.8	11.3	8.2	11.3	14.3
DN200			DN250		DN300		
0.8							
3phase、380V、50Hz							
17.3			18.7		24.6		
4.0					6.0		
13.7			14.9		19.7		
3.4(9.1)					3.7(15.0)		
1.3(4.0)			1.8(5.4)				
0.4(1.8)							
0.4(1.2)							
DN450	DN500				1,100×460		1,100×460
DN450	DN500				1,100×460		1,100×460
7,680	8,640	9,600	10,800	12,000	13,440	15,120	16,800
140	115	145	135	170	110	145	160
11.9	14.6	15.2	18.2	19.6	24.1	27.0	28.9
10.9	13.4	13.9	16.6	18.0	11.4	12.1	13.0
10.9	13.4	13.9	16.6	18.0	21.5	24.2	26.0
one section					moving separately		
4,760	4,830		4,850		5,070	5,590	6,080
2,650	2,870		3,100		3,710		
2,260	2,475		2,750		3,015		
4,500					4,600	5,200	5,700

(7) If you need outline dimension drawing,please contact us.
(8) "A"stands for nominal diameter,unit mm.
(9) Standard: JISB 8622
(10)The data will be modified without notice for technique improvement.

Specification

● Flue gas- afterburning LiBr absorption chiller/heater

model		YP-**LHC	11	12	13	14	21	22	23
refrigeration capacity	flue gas afterburning operation together	USRT	100	120	150	180	210	240	280
		kW	352	422	527	633	738	844	985
		10^4kcal/h	30.2	36.3	45.4	54.4	63.5	72.6	84.7
	flue gas or afterburning operation	kW	352	422	527	633	738	844	985
heating capacity	flue gas+afterburning operate together/ afterburning operate singly	kW	294	353	441	530	618	706	824
	flue gas fired operate singly	kW	282	338	423	506	590	675	788
chilled water system	inlet/outlet temperature	℃	12→7						
	flow rate	m^3/h	60.5	72.6	90.7	108.9	127.0	145.2	169.3
	pressure drop	mH₂O	6.2	6.4	8.6		7.5	8.1	5.3
	inlet/outlet diameter	A	DN100				DN125		DN150
	maximum working pressure	MPa	0.8						
hot water system	inlet/outlet temperature	℃	55.8→60 (flue gas+direct fired operate together/direct fired operate singly)/56→60 (flue gas fired operate singly)						
	flow rate	m^3/h	60.5	72.6	90.7	108.9	127.0	145.2	169.3
	pressure drop	mH₂O	6.2	6.4	8.6		7.5	8.1	5.3
	inlet/outlet diameter	A	DN100				DN125		DN150
	maximum working pressure	MPa	0.8						
cooling water system	inlet/outlet temperature	℃	32→37.5						
	flow rate	m^3/h	94	113	141	170	198	226	264
	pressure drop	mH₂O	4.3	4.8	6.6	7.6	5.8	6.4	11.7
	inlet/outlet diameter	A	DN125				DN150		DN200
	maximum working pressure	MPa	0.8						
power	power supply		3 phase、380V、50Hz						
	total electric current	A	11.8		15.8		17.4		20.3
	wire area	mm^2	4.0						
	power consumption	kVA	9.3		12.6		13.9		16.3
motor rated power	No.1 absorbent pump	kW(A)	1.3(3.5)		2.5(6.8)				3.4(9.1)
	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)						
	air blower	kW(A)	0.4(1.0)		0.75(1.7)		1.5(3.2)		
flue gas system	inlet diameter	A	DN250		DN300	DN350	DN400		DN450
	outlet diameter	A	DN250		DN300	DN350	DN400		DN450
	maximum consumption	kg/h	2,400	2,880	3,600	4,320	5,040	5,760	6,720
	pressure drop	mmH₂O	100	150	105	100	95	130	105
Fuel	Consumption(Cooling)	Nm^3/h	20.8	25.0	31.2	37.5	43.7	50.0	58.3
	Consumption(Heating)	Nm^3/h	24.5	29.5	36.8	44.2	51.5	58.9	68.7
	flue connection size	mm	280×210				310×310		
weight	operation weigit	ton	7.5	8.2	10.1	10.8	12.5	13.1	14.8
	Max. moving weight	ton	7.1	7.7	9.5	10.2	11.7	12.3	13.9
	total weight	ton	7.1	7.7	9.5	10.2	11.7	12.3	13.9
	moving state		one section						
overall dimension	length	mm	3,870	3,930	4,790	4,950	5,620	5,810	5,800
	width	mm	2,230		2,330		2,600		2,790
	height	mm	2,425	2,500	2,465		2,530		2,610
clearance		mm	2,400		3,400				4,500

(1) Fule gas rated inlet temperature:500℃
(2) Minimum temperature of chilled water outlet:5℃
(3) Normal working, minimum inlet temperature of cooling water:19℃
(4) Adjustable range of chilled water flow:50%~120%
(5) Adjustable range of cooling water flow: 50%~120%
(6) The afterburning or flue gas operate seperately can meet the 100% capaclty of the standard type. If you have other requestment,please contact us.
(7) The species of the LiBr absorption chiller is different according to the waste heat /exhaust gas, if you want to know the detail, you can contact us.

Specification

24	31	32	41	42	51	52	53
320	360	400	450	500	560	630	700
1,125	1,266	1,407	1,582	1,758	1,969	2,215	2,461
96.8	108.9	121.0	136.1	151.2	169.3	190.5	211.7
1,125	1,266	1,407	1,582	1,758	1,969	2,215	2,461
941	1,059	1,177	1,324	1,471	1,647	1,853	2,059
900	1,013	1,126	1,266	1,406	1,575	1,772	1,969
12→7							
193.5	217.7	241.9	272.2	302.4	338.7	381.0	423.4
5.7	6.2	6.6	5.7	5.1	4.5	6.1	8.0
DN150			DN200				
0.8							
55.8→60 (flue gas+direct fired operate together/direct fired operate singly)/56→60 (flue gas fired operate singly)							
193.5	217.7	241.9	272.2	302.4	338.7	381.0	423.4
5.7	6.2	6.6	5.7	5.1	4.5	6.1	8.0
DN150			DN200				
0.8							
32→37.5							
302	339	377	424	471	528	594	660
12.6	9.6	10.2	10.8	11.3	8.2	11.3	14.3
DN200			DN250		DN300		
0.8							
3 phase、380V、50Hz							
20.3			23.1		30.3		
4.0			6.0		10.0		
16.3			18.6		24.4		
3.4(9.1)					3.7(13.4)		
1.3(4.0)			1.8(5.4)				
0.4(1.8)							
0.4(1.2)							
1.5(3.2)			2.2(4.6)		3.7(7.3)		
DN450	DN500				1,100×460		1,100×460
DN450	DN500				1,100×460		1,100×460
7,680	8,640	9,600	10,800	12,000	13,440	15,120	16,800
140	115	145	135	170	110	145	160
66.6	75.0	83.3	93.7	104.1	116.6	131.2	145.8
78.5	88.4	98.2	110.5	122.7	137.5	154.6	171.8
310×310	360×310		410×310		350×500		
15.5	19.1	20.2	23.7	25.7	30.8	34.3	36.7
14.6	17.9	18.9	22.2	24.1	11.5	12.3	13.2
14.6	17.9	18.9	22.2	24.1	28.3	31.5	33.8
one section					moving separately		
5,880	6,050	6,320	6,500	6,770	6,085	6,505	6,885
2,790	2,890		3,050		3,895		
2,610	2,950		3,200		3,490		
4,500					4,600	5,200	5,700

(8) If you need outline dimension drawing,please contact us.
(9) The capacity of air blast will be different according to different burner.
(10) The calorific in the table is natural gas, the value is low calorific value: 11000 kcal/Nm^3
The actual consumption of fuel=the calorific value in the table×consumption in the table/low calorific value of fuel
(11) "A"stands for nominal diameter,unit mm.
(12) Standard: JISB 8622
(13) The data will be modified without notice for technique improvement.

Specification

● Flue gas hot water LiBr absorption chiller/heater

model		YP-**LHD	11	12	13	14	21	22	23	24
refrigeration capacity	single and double effect	USRT	90	108	135	162	189	216	252	288
		kW	317	380	475	570	665	760	887	1,014
		10^4kcal/h	27.2	32.7	40.8	49.0	57.2	65.3	76.2	87.1
	single effect	USRT	27	32	41	49	57	65	76	86
	double effect	USRT	63	76	95	113	132	151	176	202
heating capacity		kW	178	213	266	320	373	426	497	568
		10^4kcal/h	15.3	18.3	22.9	27.5	32.0	36.6	42.7	48.8
chilled water system	inlet/outlet temperature	℃	12→7							
	flow rate	m^3/h	54.4	65.3	81.6	98.0	114.3	130.6	152.4	174.2
	pressure drop	mH_2O	5.0	5.2	7.0		6.1	6.6	4.3	4.6
	inlet/outlet diameter	A	DN100				DN125		DN150	
	maximum working pressure	MPa	0.8							
hot water system	inlet/outlet temperature	℃	57.2→60							
	flow rate	m^3/h	54.4	65.3	81.6	98.0	114.3	130.6	152.4	174.2
	pressure drop	mH_2O	5.0	5.2	7.0		6.1	6.6	4.3	4.6
	inlet/outlet diameter	A	DN100				DN125		DN150	
	maximum working pressure	MPa	0.8							
cooling water system	inlet/outlet temperature	℃	32→37.7							
	flow rate	m^3/h	92.1	110.5	138.1	165.8	193.4	221.0	257.8	294.7
	pressure drop	mH_2O	9.1	6.3	9.4	11.6	9.2	10.3	17.6	20.3
	inlet/outlet diameter	A	DN125				DN150		DN200	
	maximum working pressure	MPa	0.8							
hot water (heat source)	inlet/outlet temperature	℃	95→85							
	flow rate	m^3/h	12.0	14.5	18.1	21.7	25.3	28.9	33.7	38.6
		ton/h	11.7	14.0	17.5	21.0	24.5	28.0	32.7	37.3
	pressure drop	mH_2O	0.9		1.6		1.2	1.0	2.2	1.6
	inlet/outlet diameter	A	DN65				DN100			
	maximum working pressure	MPa	0.8							
power	power supply		3phase、380V、50Hz							
	total electric current	A	14.3		20.6		20.7		23.7	
	wire area	mm^2	4.0						6.0	
	power consumption	kVA	11.3		16.5		16.6		19.0	
motor rated power	No.1 absorbent pump	kW(A)	1.3(3.5)		2.5(6.8)				3.4(9.1)	
	No.2 absorbent pump	kW(A)	1.1(3.9)				1.3(4.0)			
	No.3 absorbent pump	kW(A)	1.1(3.4)		2.2(6.4)					
	refrigerant pump	kW(A)	0.2(1.3)						0.4(1.8)	
	purge pump	kW(A)	0.4(1.2)							
flue gas system	inlet diameter	A	DN250				DN300	DN350	DN400	
	outlet diameter	A	DN250				DN300	DN350	DN400	
	maximum consumption	kg/h	1,512	1,814	2,268	2,722	3,175	3,629	4,234	4,838
	pressure drop	mmH_2O	65	95	100	130	105	100		130
weight	operation weigit	ton	5.9	6.8	8.3	8.9	10.4	11.1	13.5	14.1
	Max. moving weight	ton	5.5	6.3	7.8	8.3	9.7	10.3	12.6	13.2
	total weight	ton	5.5	6.3	7.8	8.3	9.7	10.3	12.6	13.2
	moving state		one section							
overall dimension	length	mm	2,720		3,740		3,770		4,845	
	width	mm	2,040				2,300		2,400	
	height	mm	2,625	2,750	2,730		2,925		2,985	
clearance		mm	2,400		3,400				4,500	

(1) Fule gas rated inlet temperature:500℃
(2) Minimum temperature of chilled water outlet:5℃
(3) Normal working, minimum inlet temperature of cooling water:19℃
(4) Adjustable range of chilled water flow:50%~120%
(5) Adjustable range of cooling water flow: 50%~120%
(6) The species of the LiBr absorption chiller is different according to the waste heat /exhaust gas, if you want to know the detail, you can contact us.

Specification

31	32	41	42	51	52	53	61	62	63
324	360	405	450	504	567	630	720	810	900
1,140	1,267	1,426	1,584	1,774	1,996	2,218	2,534	2,851	3,168
98.0	108.9	122.5	136.1	152.4	171.5	190.5	217.7	244.9	272.2
97	108	122	135	151	170	189	216	243	270
227	252	284	315	353	397	441	504	567	630
639	710	799	888	995	1,119	1,243	1,421	1,598	1,776
54.9	61.0	68.7	76.3	85.4	96.1	106.8	122.1	137.3	152.6
12→7									
196.0	217.7	244.9	272.2	304.8	342.9	381.0	435.5	489.9	544.3
5.0	5.3	4.6	4.1	3.6	4.9	6.5	4.5	6.0	7.9
DN150		DN200					DN250		
0.8									
57.2→60									
196.0	217.7	244.9	272.2	304.8	342.9	381.0	435.5	489.9	544.3
5.0	5.3	4.6	4.1	3.6	4.9	6.5	4.5	6.0	7.9
DN150		DN200					DN250		
0.8									
32→37.7									
331.5	368.3	414.4	460.4	515.7	580.1	644.6	736.7	828.8	920.8
14.6	16.3	16.4	18.2	9.6	10.0	7.8	9.6	12.9	10.7
DN200		DN250		DN300			DN350		
0.8									
95→85									
43.4	48.2	54.2	60.2	67.5	75.9	84.3	96.4	108.4	120.5
42.0	46.7	52.5	58.3	65.3	73.5	81.6	93.3	105.0	116.6
2.4	1.8	1.6	1.8	1.8	2.3	2.7	2.6	3.4	3.0
DN100		DN125		DN150					
0.8									
3phase、380V、50Hz									
23.7		28.2		34.1			39.8	43.8	
6.0				10.0				16.0	
19.0		22.7		27.5			32.1	35.4	
3.4(9.1)				3.7(15.0)			5.5(15.0)	5.5(19.0)	
1.3(4.0)		1.8(5.4)					1.8(6.4)		
2.2(9.5)							4.5(14.0)		
0.4(1.8)									
0.4(1.2)									
DN400	DN450			DN500			1,100×460		1,100×460
DN400	DN450			DN500			1,100×460		1,100×460
5,443	6,048	6,804	7,560	8,467	9,526	10,584	12,096	13,608	15,120
130	105	140	115	145	135	170	110	145	160
16.5	17.0	19.2	20.2	25.3	27.9	30.6	36.7	40.7	44.9
15.3	15.7	17.7	18.5	14.0	15.2	16.0	16.0	17.6	18.6
15.3	15.7	17.7	18.5	22.8	25.2	27.7	32.9	36.7	40.6
one section				moving separately					
4,970		4,975		5,100	5,740	6,230	5,785	6,280	6,650
2,500	2,750	2,840	3,050	3,300	3,520		4,260		
3,290		3,565		3,830			4,390		4,430
4,500				4,600	5,200	5,700	5,200	5,700	6,200

(7) If you need outline dimension drawing, please contact us.
(8) "A"stands for nominal diameter,unit mm.
(9) Standard: JISB 8622
(10) The data will be modified without notice for technique improvement.

Specification

● Flue gas hot water afterburning LiBr absorption chiller

model		YP-**LHE	11	12	13	14	21	22	23
refrigeration capacity	afterburning operate singly or together	USRT	90	108	135	162	189	216	252
		kW	317	380	475	570	665	760	886
		10^4kcal/h	27.2	32.7	40.8	49.0	57.2	65.3	76.2
	flue gas operate singly	USRT	63	76	95	113	132	151	176
	hot water operate singly	USRT	27	32	41	49	57	65	76
heating capacity	afterburning operate singly or together	kW	265	318	397	477	556	635	741
	flue gas operate singly	kW	178	213	266	319	373	426	497
chilled water system	inlet/outlet temperature	℃	12→7						
	flow rate	m^3/h	54.4	65.3	81.6	98.0	114.3	130.6	152.4
	pressure drop	mH_2O	5.0	5.2	7.0		6.1	6.6	4.3
	inlet/outlet diameter	A	DN100				DN125		DN150
	maximum working pressure	MPa	0.8						
hot water system	inlet/outlet temperature	℃	55.8→60						
	flow rate	m^3/h	54.4	65.3	81.6	98.0	114.3	130.6	152.4
	pressure drop	mH_2O	5.0	5.2	7.0		6.1	6.6	4.3
	inlet/outlet diameter	A	DN100				DN125		DN150
	maximum working pressure	MPa	0.8						
cooling water system	inlet/outlet temperature	℃	32→37.7						
	flow rate	m^3/h	92.1	111	138	166	193	221	258
	pressure drop	mH_2O	4.7	5.3	7.8	8.7	7.0	7.7	14.6
	inlet/outlet diameter	A	DN125				DN150		DN200
	maximum working pressure	MPa	0.8						
hot water (heat source)	inlet/outlet temperature	℃	95→85						
	flow rate	m^3/h	12.0	14.5	18.1	21.7	25.3	28.9	33.7
		ton/h	11.7	14.0	17.5	21.0	24.5	28.0	32.7
	pressure drop	mH_2O	0.9		1.6		1.2	1.0	2.2
	inlet/outlet diameter	A	DN65				DN100		
	maximum working pressure	MPa	0.8						
power	power supply		3phase、380V、50Hz						
	total electric current	A	15.9		22.2		23.8		26.7
	wire area	mm^2	4.0				6.0		
	power consumption	kVA	12.7		17.9		19.2		21.5
motor rated power	No.1 absorbent pump	kW(A)	1.3(3.5)		2.5(6.8)				3.4(9.1)
	No.2 absorbent pump	kW(A)	1.1(3.9)				1.3(4.0)		
	No.3 absorbent pump	kW(A)	1.1(3.4)		2.2(6.4)				
	refrigerant pump	kW(A)	0.2(1.3)						0.4(1.8)
	purge pump	kW(A)	0.4(1.2)						
	air blower	kW(A)	0.75(1.7)				1.5(3.2)		
flue gas system	inlet diameter	A	DN250				DN300	DN350	DN400
	outlet diameter	A	DN250				DN300	DN350	DN400
	maximum consumption	kg/h	1,512	1,814	2,268	2,722	3,175	3,629	4,234
	pressure drop	mmH2O	65	95	100	130	105	100	
fuel	consumption (cooling)	Nm^3/h	18.7	22.5	28.1	33.8	39.3	45.0	52.5
	consumption (heating)	Nm^3/h	22.1	26.6	33.1	39.8	46.4	53.0	61.8
	flue connection size	mm	280×210				310×310		
weight	operation weigit	ton	7.7	8.6	10.5	11.1	13.1	14.1	16.8
	Max. moving weight	ton	7.2	8.1	9.9	10.5	12.4	13.2	15.9
	total weight	ton	7.2	8.1	9.9	10.5	12.4	13.2	15.9
	moving state		one section						
overall dimension	length	mm	2,720		3,740		3,770		4,845
	width	mm	2,650	2,710	2,800		3,100		3,300
	height	mm	2,745	2,870	2,805		3,060		3,120
clearance		mm	2,400		3,400				4,500

(1) Fule gas rated inlet temperature:500℃
(2) Minimum temperature of chilled water outlet:5℃
(3) Normal working, minimum inlet temperature of cooling water:19℃
(4) Adjustable range of chilled water flow:50%~120%
(5) Adjustable range of cooling water flow: 50%~120%
(6) The afterburning or flue gas operate seperately can meet the 100% capaclty of the standard type. If you have other requestment, please contact us.
(7) The species of the LiBr absorption chiller is different according to the waste heat /exhaust gas, if you want to know the detail, you can contact us.

Specification

24	31	32	41	42	51	52	53
288	324	360	405	450	504	567	630
1,013	1,139	1,266	1,424	1,583	1773	1,994	2,216
87.1	98.0	108.9	122.5	136.1	152.4	171.5	190.5
202	227	252	284	315	353	397	441
86	97	108	122	135	151	170	189
847	953	1,059	1,191	1,324	1,483	1,668	1,853
568	639	710	798	887	993	1,118	1,242
12→7							
174.2	196.0	217.7	244.9	272.2	304.8	342.9	381.0
4.6	5.0	5.3	4.6	4.1	3.6	4.9	6.5
DN150			DN200				
0.8							
55.8→60							
174.2	196.0	217.7	244.9	272.2	304.8	342.9	381.0
4.6	5.0	5.3	4.6	4.1	3.6	4.9	6.5
DN150			DN200				
0.8							
32→37.7							
295	332	368	414	460	516	580	645
16.8	13.0	14.5	14.1	15.4	12.5	14.4	18.9
DN200			DN250		DN300		
0.8							
95→85							
38.6	43.4	48.2	54.2	60.2	67.5	75.9	84.3
37.3	42.0	46.7	52.5	58.3	65.3	73.5	81.6
1.6	2.4	1.8	1.6	1.8		2.3	2.7
DN100			DN125			DN150	
0.8							
3phase、380V、50Hz							
28.0	31.1		32.5	35.3	39.8		43.3
6.0	10.0						16.0
22.6	25.1		26.3	28.6	32.2		35.1
3.4(9.1)					3.7(13.4)		
1.3(4.0)			1.8(5.4)				
2.2(6.4)	2.2(9.5)						
0.4(1.8)							
0.4(1.2)							
2.2(4.5)				3.7(7.3)			5.5(10.8)
DN400		DN450		DN500			
DN400		DN450		DN500			
4,838	5,443	6,048	6,804	7,560	8,467	9,526	10,584
130		105	140	115	145	135	170
59.9	67.5	75.0	84.3	93.7	104.9	118.1	131.2
70.7	79.6	88.4	99.5	110.4	123.8	139.1	154.6
310×310	360×310		410×310		350×500		
17.6	20.8	21.7	24.3	25.8	31.6	34.8	37.9
16.6	19.6	20.4	22.7	24.1	19.1	20.8	22.0
16.6	19.6	20.4	22.7	24.1	29.0	32.0	35.0
one section					moving separately		
4,845	4,970		4,975		5,100	5,740	6,230
3,300	3,490	3,750	3,790	3,980	4,590	4,810	
3,120	3,455		3,675		3,915		
4,500					4,600	5,200	5,700

(8) If you need outline dimension drawing, please contact us.
(9) The capacity of air blast will be different according to different burner.
(10) The calorific in the table is natural gas, the value is low calorific value: 11000 kcal/Nm^3
The actual consumption of fuel=the calorific value in the table×consumption in the table/low calorific value of fuel
(11) "A"stands for nominal diameter,unit mm.
(12) Standard: JISB 8622
(13) The data will be modified without notice for technique improvement.