



Tianjin First Cold Chain Equipment Co.,Ltd

Piston Medium&Low temperature compressor unit



First Cold Chain Equipment Co.,Ltd (Tianjin)

Mobile:(+86)18698104196 TEL : +86-22-28577128
Skype: export0001 WhatsApp : (+86)18698104196
Web: www.first-coldchain.com www.tj-first.com
Email: sunny.first@foxmail.com sales@tj-first.com



Tianjin First Cold Chain Equipment Co.,Ltd

1.) Two parallel air cooling medium temperature unit

Unit model (Medium temperature) (Air cooling)		FST2-								
		20B	30B	40B	50B	60B	70B	80B	100B	
Applicable temperature (°C)		-5°C --- 5°C								
Refrigerant		R22/R404A								
Power Supply		380v/50HZ								
Compressor	Shape	Semi enclosed piston type								
	Type	4VES-10	4PES-15	4NES-20	4HE-25	4GE-30	6HE-35	6GE-40	6FE-50	
	Qty	2	2	2	2	2	2	2	2	
Refrigerating capacity And power	-5°C	Capacity(w)	41600	57600	68000	90800	105200	136000	156200	188200
		Power (kw)	14.42	20.1	23.62	31.72	36.56	47.8	54.8	66.6
	-10°C	Capacity(w)	33300	46000	54400	72800	84800	109400	125400	151400
		Power (kw)	13.3	18.46	21.76	29.32	33.86	44.2	50.6	61.8
	-15°C	Capacity(w)	26160	35980	42800	57600	67200	86400	99200	120000
		Power (kw)	12.04	16.64	19.72	26.66	30.88	40.0	46.2	56.4
Unit size (L*W*H)		2550*1200*1850								

Condensing temperature 45°C



Tianjin First Cold Chain Equipment Co.,Ltd

2.) Three parallel air cooling medium temperature compressor unit

Unit model (Medium temperature) (Air cooling)		FST3-								
		20B	30B	40B	50B	60B	70B	80B	100B	
Applicable temperature (°C)		-5°C --- 5°C								
Refrigerant		R22/R4044A								
Power Supply		380v/50HZ								
Compressor	Shape	Semi enclosed piston type								
	Type	4VES-10	4PES-15	4NES-20	4HE-25	4GE-30	6HE-35	6GE-40	6FE-50	
	Qty	3	3	3	3	3	3	3	3	
Refrigerating capacity And power	-5°C	Capacity(w)	62400	86400	102000	136200	157800	204000	234300	282300
		Power(kw)	21.63	30.2	35.43	47.58	54.84	71.7	82.2	99.9
	-10°C	Capacity(w)	49950	69000	81600	109200	127200	164100	188100	227100
		Power(kw)	19.95	27.69	32.64	43.98	50.79	66.3	75.9	92.7
	-15°C	Capacity(w)	39240	53970	64200	86400	100800	129600	148800	180000
		Power(kw)	18.06	24.96	29.58	39.99	46.32	60.0	69.3	84.6
Unit size (L*W*H)		3150*1000*1850						3150**1000*2000		

Condensing temperature 45°C



Tianjin First Cold Chain Equipment Co.,Ltd

3.) Four parallel air cooling medium temperature compressor unit

Unit model (Medium temperature) (Air cooling)		FST4-								
		20B	30B	40B	50B	60B	70B	80B	100B	
Applicable temperature (°C)		-5°C --- 5°C								
Refrigerant		R22								
Power Supply		380v/50HZ								
Compressor	Shape	Semi enclosed piston type								
	Type	4VES-10	4PES-15	4NES-20	4HE-25	4GE-30	6HE-35	6GE-40	6FE-50	
	Qty	4	4	4	4	4	4	4	4	
Refrigerating capacity And power	-5°C	Capacity(w)	83200	115200	136000	181600	210400	272000	312400	376400
		Power(kw)	28.84	40.2	47.24	63.44	73.12	95.6	109.6	133.2
	-10°C	Capacity(w)	66600	92000	108800	145600	169600	218800	250800	302800
		Power(kw)	26.6	36.92	43.52	58.64	67.72	88.4	101.2	123.6
	-15°C	Capacity(w)	52320	719600	85600	115200	134400	172800	198400	240000
		Power(kw)	24.08	33.28	39.44	53.32	61.76	80	92.4	112.8
Unit size (L*W*H)		3300*1000*1850		3800*1000*1850		3800*1000*2000				

Condensing temperature 45°C



Tianjin First Cold Chain Equipment Co.,Ltd

4.) Two parallel air cooled low temperature compressor unit

Unit model (low temperature) (Air cooling)		FST 2-							
		18BY	28BY	36BY	46BY	56BY	68BY	88BY	
Applicable temperature (°C)		-15°C ~ -30°C							
Refrigerant		R404A/R507A							
Power Supply		380v/50HZ							
Compressor	Shape		Semi enclosed piston type						
	Type		4TES-9Y	4NES-14Y	4HE-18Y	4GE-23Y	6HE-28Y	6GE-34Y	6FE-44Y
	Qty		2	2	2	2	2	2	2
Refrigerating capacity And power	-25°C	Capacity(w)	17240	23400	33380	39340	49200	59400	70600
		Power(kw)	12.7	17.16	24.0	28.54	35.38	43.6	52.4
	-30°C	Capacity(w)	12620	17100	24900	29640	36680	45200	53200
		Power(kw)	10.76	14.48	20.7	24.66	30.4	37.39	45.4
	-40°C	Capacity(w)	6000	8120	12440	15380	18340	23820	27220
		Power(kw)	7.22	9.44	14.46	17.42	20.8	27.12	32.14
Unit size (L*W*H)		2100*1120*1700			2200*1120*1700		2400*1120*1700		

Condensing temperature 45°C



Tianjin First Cold Chain Equipment Co.,Ltd

5.) Three parallel air cooled low temperature compressor unit

Unit model (low temperature) (Air cooling)		FST 3-							
		27BY	42BY	54BY	69BY	84BY	102BY	132BY	
Applicable temperature (°C)		-15°C ~ -30°C							
Refrigerant		R404A/R507A							
Power Supply		380v/50HZ							
Compressor	Shape	Semi enclosed piston type							
	Type	4TES-9Y	4NES-14Y	4HE-18Y	4GE-23Y	6HE-28Y	6GE-34Y	6FE-44Y	
	Qty	3	3	3	3	3	3	3	
Refrigerating capacity And power	-25°C	Capacity(w)	25860	35100	50070	59010	73800	89100	105900
		Power(kw)	19.05	25.74	36.0	42.81	53.07	65.4	78.6
	-30°C	Capacity(w)	18930	25650	37350	44460	55020	67800	79800
		Power(kw)	16.14	21.72	31.05	36.99	45.6	56.85	68.1
	-40°C	Capacity(w)	9000	12180	18660	23070	27510	35730	40830
		Power(kw)	7.22	9.44	14.46	17.42	20.8	27.12	32.14
Unit size (L*W*H)		2750*1120*1700			2850*1120*1700		3150*1120*1850		

Condensing temperature 45°C



Tianjin First Cold Chain Equipment Co.,Ltd

6.) Four parallel air cooled low temperature compressor unit

Unit model (low temperature) (Air cooling)		FST 4-							
		36BY	56BY	72BY	92BY	112BY	136BY	176BY	
Applicable temperature (°C)		-15°C ~ -30°C							
Refrigerant		R404A/R22							
Power Supply		380v/50HZ							
Compressor	Shape		Semi enclosed piston type						
	Type		4TES-9Y	4NES-14Y	4HE-18Y	4GE-23Y	6HE-28Y	6GE-34Y	6FE-44Y
	Qty		4	4	4	4	4	4	4
Refrigerating capacity And power	-25°C	Capacity(w)	34480	46800	66760	78680	98400	118800	141200
		Power(kw)	25.4	34.32	48.0	57.08	70.76	87.2	104.8
	-30°C	Capacity(w)	25240	34200	49800	59280	73360	90400	106400
		Power(kw)	21.52	28.96	41.4	49.32	60.8	75.8	90.8
	-40°C	Capacity(w)	12000	16240	24880	30760	36680	47640	54440
		Power(kw)	14.44	18.88	28.93	34.84	41.6	54.2	64.28
Unit size (L*W*H)		3150*1000*1850							

Condensing temperature 45°C



Tianjin First Cold Chain Equipment Co.,Ltd

Screw Low temperature compressor unit



First Cold Chain Equipment Co.,Ltd (Tianjin)

Mobile:(+86)18698104196 TEL : +86-22-28577128
Skype: export0001 WhatsApp : (+86)18698104196
Web: www.first-coldchain.com www.tj-first.com
Email: sunny.first@foxmail.com sales@tj-first.com



Tianjin First Cold Chain Equipment Co.,Ltd

Unit model (Low temperature) (Air cooling)		BLGF-50JY	BLGF-60JY	BLGF-70JY	BLGF-75JY	BLGF-125JY	BHLGF-50JY	
Applicable temperature (℃)		-25℃ ~ -40℃		Condensing temperature 45 ℃				
Refrigerant		R404A						
Power Supply		380v/50HZ						
Compressor	Form	Semi enclosed screw type						
	Type	HSN6461-50	HSN7451-60	HSN7461-70	HSN7471-75	HSN8571-125	HSN8591-160	
	Qty	1	1	1	1	1	1	
Oil cooler	Form	Copper-tube and aluminum-fin						
	Fan voltage(v)	380	380	380	380	380	380	
	Fan power(w)	250	250	250	250	250*2	800*2	
Refrigerating capacity And power	-35℃	Capacity(kw)	44.5	52.7	60.7	64.1	103.6	128.8
		Power (kw)	43.4	54.7	57.6	61.5	96.2	128.4
	-40℃	Capacity(kw)	35.6	41.7	48.4	51.5	82.8	102.5
		Power (kw)	41.5	53.4	55.6	59.1	92.2	122.7
	-45℃	Capacity(kw)	27.9	32.2	37.8	40.5	64.6	79.4
		Power (kw)	39.8	51.9	53.4	56.8	88.2	116.2
Unit size (L*W*H)		1750*1250*1640mm				2150*1400*1870mm		



Tianjin First Cold Chain Equipment Co.,Ltd

Unit model (Low temperature) (Air cooling)		BBLGF2-100JY	BBLGF2-120JY	BBLGF2-140JY	BBLGF2-150JY	BBLGF2-250JY	BBLGF2-320JY	
Applicable temperature (℃)		-25℃ ~ -40℃		Condensing temperature 45℃				
Refrigerant		R404A/R507A						
Power Supply		380v/50HZ						
Compressor	Form	Semi enclosed screw type						
	Type	HSN6461-50	HSN7451-60	HSN7461-70	HSN7471-75	HSN8571-125	HSN8591-160	
	Qty	2	2	2	2	2	2	
Oil cooler	Form	Copper-tube and aluminum-fin						
	Fan voltage(v)	380	380	380	380	380	380	
	Fan power(w)	250*2	250*2	250*2	800*2	800*2	800*4	
Refrigerating capacity And power	-35℃	Capacity(kw)	89.0	105.4	121.4	128.2	207.2	257.6
		Power (kw)	86.8	109.4	115.2	123.0	192.4	256.8
	-40℃	Capacity(kw)	71.2	83.4	96.8	103.0	165.6	205.0
		Power (kw)	83.0	106.8	112.2	118.2	184.4	245.4
	-45℃	Capacity(kw)	55.8	64.4	75.6	81.0	129.2	158.8
		Power (kw)	79.6	103.8	106.8	113.6	176.4	232.4
Unit size (L*W*H)		2650*1880*2100mm				3450*2020*2300mm		



Tianjin First Cold Chain Equipment Co.,Ltd

Unit model (Low temperature) (Air cooling)		BBLGF3-150JY	BBLGF3-180JY	BBLGF3-210JY	BBLGF3-225JY	BBLGF3-375JY	
Applicable temperature (°C)		-25°C ~ -40°C		Condensing temperature 45 °C			
Refrigerant		R404A/R507A					
Power Supply		380v/50HZ					
Compressor	Form	Semi enclosed screw type					
	Type	HSN6461-50	HSN7451-60	HSN7461-70	HSN7471-75	HSN8571-125	
	Qty	3	3	3	3	3	
Oil cooler	Form	Copper-tube and aluminum-fin					
	Fan voltage(v)	380	380	380	380	380	
	Fan power(w)	800*2	800*2	800*2	800*2	800*3	
Refrigerating capacity And power	-35°C	Capacity(kw)	133.5	158.1	182.1	192.3	310.8
		Power (kw)	130.2	164.1	172.8	184.5	288.6
	-40°C	Capacity(kw)	106.8	125.1	145.2	154.5	248.4
		Power (kw)	124.5	160.2	166.8	177.3	276.6
	-45°C	Capacity(kw)	83.7	96.6	113.4	121.5	193.8
		Power (kw)	119.4	155.7	160.2	170.4	264.6
Unit size (L*W*H)		3450*1900*2100mm				4250*2020*2300mm	



Tianjin First Cold Chain Equipment Co.,Ltd

Unit model (Low temperature) (Air cooling)		BBLGF4-200JY	BBLGF4-240JY	BBLGF4-280JY	BBLGF3-300JY	
Applicable temperature (°C)		-25°C ~ -40°C Condensing temperature 45 °C				
Refrigerant		R404A/R507A				
Power Supply		380v/50HZ				
Compressor	Form	Semi enclosed screw type				
	Type	HSN6461-50	HSN7451-60	HSN7461-70	HSN7471-75	
	Qty	4	4	4	4	
Oil cooler	Form	Copper-tube and aluminum-fin				
	Fan voltage(v)	380	380	380	380	
	Fan power(w)	800*2	250*4	250*4	250*4	
Refrigerating capacity And power	-35°C	Capacity(kw)	178.0	210.8	242.8	256.4
		Power (kw)	173.6	218.8	230.4	246.0
	-40°C	Capacity(kw)	142.4	166.8	193.6	206.0
		Power (kw)	166.0	213.6	222.4	236.4
	-45°C	Capacity(kw)	111.6	128.8	151.2	162.0
		Power (kw)	159.2	207.6	213.6	227.2
Unit size (L*W*H)		4250*1900*2100mm				