

3-Compressors Rack Unit (Air Cooled)						
Model		BLGF3-150JY	BLGF3-180JY	BLGF3-210JY	BLGF3-225JY	BLGF3-375JY
Room Temperature (°C)		-25°C ~ -40°C				
Refrigerant		R404A / R448A / R449A				
Power Supply		380V/50Hz				
Compressor	Type	Semi-hermetic Screw Compressor				
	Model	HSN6461-50	HSN7451-60	HSN7461-70	HSN7471-75	HSN8571-125
Condenser	Quantity	3	3	3	3	3
	Type	Copper Tube and Alu. fin				
	Fan Voltage (V)	380	380	380	380	380
	Fan Capacity (W)	800×2	800×2	800×2	800×2	800×3
Capacity & Inpu	Evap -35°C	Capacity (KW)	133.5	158.1	182.1	314.7
	-40°C	Input (KW)	130.2	164.1	172.8	288.6
		Capacity (KW)	106.8	125.1	145.2	251.1
	-45°C	Input (KW)	124.5	160.2	166.8	276.6
		Capacity (KW)	83.7	96.6	113.4	195.6
	Input (KW)	119.4	155.7	160.2	170.4	264.6
Pipe	Suction Pipe (mm)	2×φ89	2×φ89	2×φ108	2×φ108	2×φ133
	Liquid Pipe (mm)	φ42	φ42	φ42	φ54	φ54
	Discharge Pipe (mm)	φ76	φ76	φ76	φ108	φ108
	Liquid in Pipe (mm)	φ54	φ54	φ54	φ54	φ54
Overall Dimension	L (mm)	3450	3450	3450	3450	4250
	W (mm)	1900	1900	1900	1900	2020
	H (mm)	2100	2100	2100	2100	2300

Remarks: Condensing temperature at 45°C.

			4-Compressors Rack Unit (Air Cooled)				
Model			BLGF4-200JY		BLGF4-240JY	BLGF4-280JY	BLGF4-300JY
Room Temperature (°C)			-25°C ~ -40°C				
Refrigerant			R404A / R448A / R449A				
Power Supply			380V/50Hz				
Compressor		Type	Semi-hermetic Screw Compressor				
		Model	HSN6461-50		HSN7451-60	HSN7461-70	HSN7471-75
		Quantity	4		4	4	4
Condenser		Type	Copper Tube and Aluminium fin				
		Fan Voltage (V)	380		380	380	380
		Fan Capacity (W)	800×2		250×4	250×4	250×4
Capacity & Inpu	Evap -35°C	Capacity (KW)	178.0		210.8	242.8	256.4
		Input (KW)	173.6		218.8	230.4	246.0
	Evap -40°C	Capacity (KW)	142.4		166.8	193.6	206.0
		Input (KW)	166.0		213.6	222.4	236.4
	Evap -45°C	Capacity (KW)	111.6		128.8	151.2	162.0
		Input (KW)	159.2		207.6	213.6	227.2
Pipe		Suction Pipe (mm)	3×φ89		3×φ89	3×φ108	3×φ108
		Liquid Pipe (mm)	φ42		φ54	φ54	φ54
		Discharge Pipe (mm)	φ76		φ108	φ108	φ108
		Liquid in Pipe (mm)	φ54		φ54	φ54	φ54
Overall Dimension		L (mm)	4250		4250	4250	4250
		W (mm)	1900		1900	1900	1900
		H (mm)	2100		2100	2100	2100

Remarks: Condensing temperature at 45°C.



Supcool Refrigeration Equipment Factory

www.supcool.com



Bitzer® BBLG Series Screw Compressor Racks

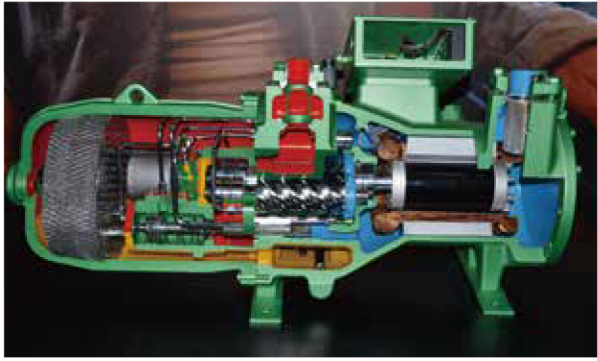


- Product Description:**
- Widely used for huge refrigeration projects. Cooling temperature range @ -25°C ~ -40°C;
 - Bitzer semi-hermetic screw compressor;
 - Danfoss, Emerson and other top quality components applied;
 - With all kinds of the protection devices: Wrong direction, Over heating, High discharging temperature, Low oil position, Oil leakage, High & low pressure and etc;
 - Economizer was equipped to enhance the cooling capacity at low evaporating temperature;
 - The multi-level energy adjusting device makes it possible to apply for different cooling capacity consumption.

Nomenclature:

B¹ **LG**² **F**³ **3**⁴ - **225**⁵ **J**⁶ **Y**⁷

- 1 Compressor Brand B:** Bitzer
- 2 Compressor Type LG:** Semi-hermetic screw compressor
- 3 Condensing Type F:** Air cooled
- 4 Qty of Compressor** None for 1pc
- 5 Nominal Cooling Capacity (HP)**
- 6 Temperature J:** -25°C ~ -40°C
- 7 Refrigerant Y:** R404A / R448A / R449A



Single Compressor Units (Air Cooled)

Model		BLGF-50JY	BLGF-60JY	BLGF-70JY	BLGF-75JY	BLGF-125JY	BLGF-160JY
Room Temperature (°C)		-25°C ~ -40°C					
Refrigerant		R404A / R448A / R449A					
Power Supply		380V/50Hz/3phase					
Compressor	Type	Semi-hermetic Screw Compressor					
	Model	HSN6461-50	HSN7451-60	HSN7461-70	HSN7471-75	HSN8571-125	HSN8591-160
Condenser	Quantity	1	1	1	1	1	1
	Type	Copper Tube and Aluminium fin					
Capacity & Inpu	Fan Voltage (V)	380	380	380	380	380	380
	Fan Capacity (W)	250	250	250	250	250×2	800×2
	Evap -35°C Capacity (KW)	44.5	52.7	60.7	64.1	103.6	128.8
	-35°C Input (KW)	43.4	54.7	57.6	61.5	96.2	128.4
	Evap -40°C Capacity (KW)	35.6	41.7	48.4	51.5	82.8	102.5
	-40°C Input (KW)	41.5	53.4	55.6	59.1	92.2	122.7
Pipe	Evap -45°C Capacity (KW)	27.9	32.2	37.8	40.5	64.6	79.4
	-45°C Input (KW)	39.8	51.9	53.4	56.8	88.2	116.2
	Suction Pipe (mm)	φ54	φ76	φ76	φ76	φ108	φ108
	Liquid Pipe (mm)	φ28	φ28	φ28	φ28	φ35	φ35
	Discharge Pipe (mm)	φ42	φ54	φ54	φ54	φ76	φ76
	Liquid in Pipe (mm)	φ28	φ35	φ35	φ35	φ42	φ42
Overall Dimension	L (mm)	1750	1750	1750	1750	2150	2150
	W (mm)	1250	1250	1250	1250	1400	1400
	H (mm)	1640	1640	1640	1640	1870	1870

Remarks: Condensing temperature at 45°C.

2-Compressors Rack Unit (Air Cooled)

Model		BLGF2-100JY	BLGF2-120JY	BLGF2-140JY	BLGF2-150JY	BLGF2-250JY	BLGF2-320JY
Room Temperature (°C)		-25°C ~ -40°C					
Refrigerant		R404A / R448A / R449A					
Power Supply		380V/50Hz/3phase					
Compressor	Type	Semi-hermetic Screw Compressor					
	Model	HSN6461-50	HSN7451-60	HSN7461-70	HSN7471-75	HSN8571-125	HSN8591-160
Condenser	Quantity	2	2	2	2	2	2
	Type	Copper Tube and Aluminium fin					
Capacity & Inpu	Fan Voltage (V)	380	380	380	380	380	380
	Fan Capacity (W)	250×2	250×2	250×2	800×2	800×2	800×4
	Evap -35°C Capacity (KW)	89.0	105.4	121.4	128.2	207.2	257.6
	-35°C Input (KW)	86.8	109.4	115.2	123.0	192.4	256.8
	Evap -40°C Capacity (KW)	71.2	83.4	96.8	103.0	165.6	205.0
	-40°C Input (KW)	83.0	106.8	111.2	118.2	184.4	245.0
Pipe	Evap -45°C Capacity (KW)	55.8	64.4	75.6	81.0	129.2	158.8
	-45°C Input (KW)	79.6	103.8	106.8	113.6	176.4	232.4
	Suction Pipe (mm)	φ108	φ108	φ108	φ108	φ159	φ159
	Liquid Pipe (mm)	φ35	φ42	φ42	φ42	φ54	φ54
	Discharge Pipe (mm)	φ76	φ76	φ76	φ76	φ108	φ108
	Liquid in Pipe (mm)	φ42	φ54	φ54	φ54	φ54	φ54
Overall Dimension	L (mm)	2650	2650	2650	2650	3450	3450
	W (mm)	1880	1880	1880	1880	2020	2020
	H (mm)	2100	2100	2100	2100	2300	2300

Remarks: Condensing temperature at 45°C.