

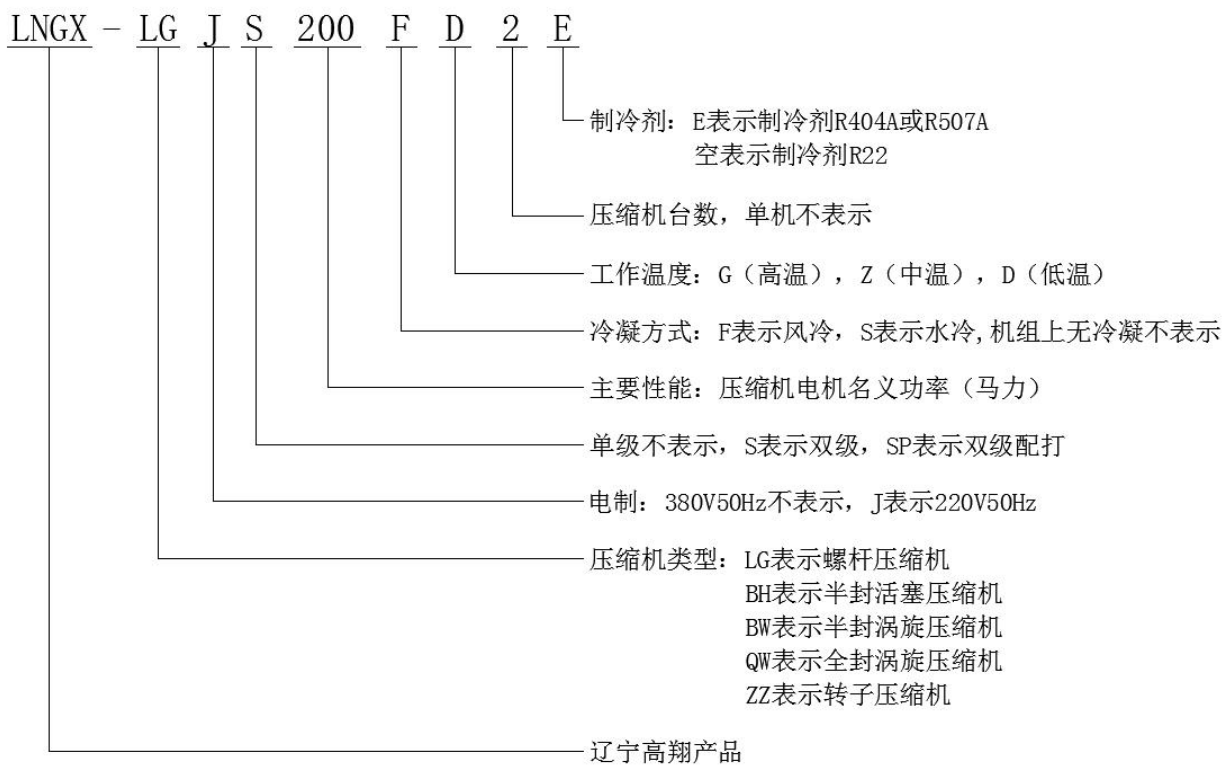
## Water-cooled Condensing Compressor Unit

### 1.Features:

We use international brand refrigeration compressor units with good quality, low noise and high efficiency.

Using high-efficiency shell and tube condenser, it has high heat exchange efficiency and long service life.

### Model Description:



## Technical Parameters:

### Low temperature semi-hermetic piston water-cooled condensing compressor unit

#### Low temperature semi-hermetic piston water-cooled condensing compressor unit

Unit Type		LNGX-BH05SDE	LNGX-BH08SDE	LNGX-BH10SD	LNGX-BH12SDE	
Applicable evaporation temperature		-10°C ~ -25°C				
refrigerant		R404A				
power supply		380V50HZ				
condenser	form	Water cooled condenser				
	Rated water flow(m3/h)	2.4	2.6	3	4	
	Takeover specifications	1-1/4"	1-1/2"	1-1/2"	2"	
Unit cooling capacity	Evaporation temperature -25°C	Refrigeration capacity	8.54	12.75	14.29	17.33
		Electric power	4.26	6.03	6.69	8.25
interface	Discharge pipe interface	¢ 12.7	¢ 15.88	¢ 15.88	¢ 15.88	
	Suction pipe interface	¢ 28	¢ 35	¢ 35	¢ 35	
Dimensions	long(mm)	1000	1050	1100	1250	
	Width(mm)	500	600	600	650	
	high(mm)	720	760	760	835	
Installation dimensions	long(mm)	970	1020	1070	1220	
	Width(mm)	300	400	400	450	

Low temperature semi-hermetic piston water-cooled condensing compressor unit

Unit Type		LNGX-BH15SDE	LNGX-BH20S DE	LNGX-BH25S DE	LNGX-BH30S DE	LNGX-BH40S DE	
Applicable evaporation temperature		-10°C ~ -25°C					
refrigerant		R404A					
power supply		380V50HZ					
condenser	form	Water cooled condenser					
	Rated water flow(m3/h)	6	7	9	10	13	
	Takeover specifications	2"	2"	2"	2"	2-1/2"	
Unit cooling capacity	Evaporation temperature -25°C	Refrigeration capacity	24.2	28.3	35.6	42.3	50.5
		Electric power	11.36	13.41	16.71	20.2	24.8
interface	Discharge pipe interface	ϕ 15.88	ϕ 22	ϕ 22	ϕ 22	ϕ 22	
	Suction pipe interface	ϕ 42	ϕ 54	ϕ 54	ϕ 54	ϕ 54	
Dimensions	long(mm)	1250	1250	1350	1350	1550	
	Width(mm)	650	650	750	750	750	
	high(mm)	900	960	900	900	950	
Installation dimensions	long(mm)	1220	1220	1320	1320	1520	
	Width(mm)	450	450	550	550	550	

## High temperature semi-hermetic piston water-cooled condensing compressor unit

### High temperature semi-hermetic piston water-cooled condensing compressor unit

Unit Type		LNGX-BH05SG E	LNGX-BH08SG E	LNGX-BH10SGE	LNGX-BH15SGE	
Applicable evaporation temperature		10°C ~ -10°C				
refrigerant		R404A				
power supply		380V50HZ				
condenser	form	Water cooled condenser				
	Rated water flow(m3/h)	2.5	3.5	5	7	
	Takeover specifications	1-1/4"	1-1/4"	1-1/2"	2"	
Unit cooling capacity	Evaporation temperature -10°C	Refrigeration capacity	10.96	16.54	21	29
		Electric power	3.67	5.52	6.68	9.29
interface	Discharge pipe interface	ϕ 12.7	ϕ 12.7	ϕ 15.88	ϕ 15.88	
	Suction pipe interface	ϕ 22	ϕ 28	ϕ 28	ϕ 42	
Dimensions	long(mm)	1000	1050	1250	1250	
	Width(mm)	500	600	640	640	
	high(mm)	720	730	900	900	
Installation dimensions	long(mm)	970	1020	1220	1220	
	Width(mm)	300	400	440	440	

## High temperature semi-hermetic piston water-cooled condensing compressor unit

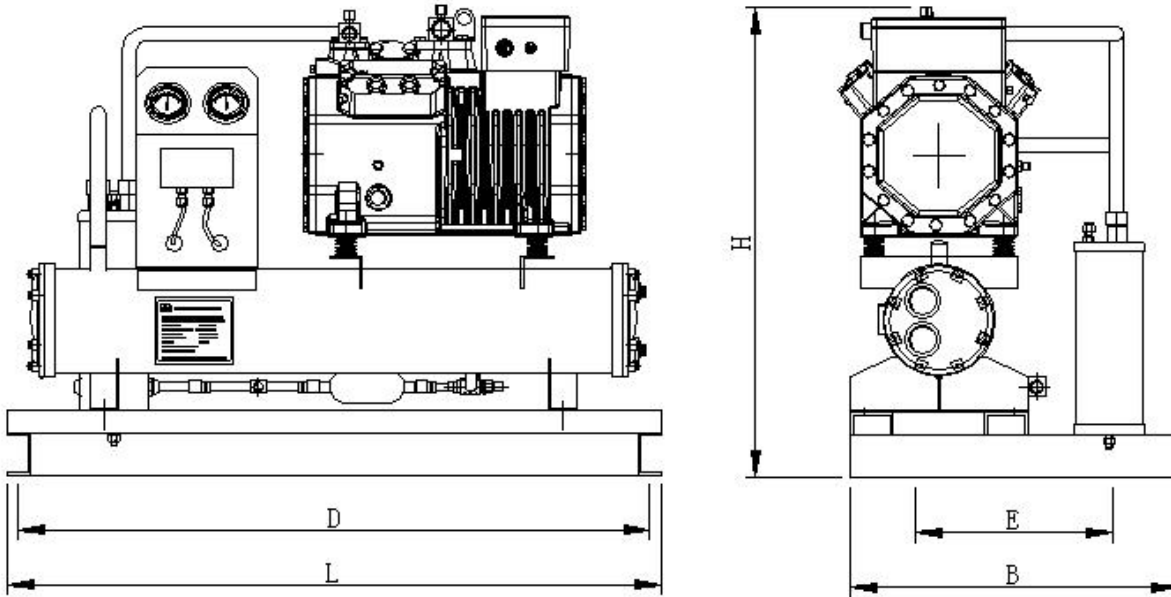
Unit Type		LNGX-BH20S GE	LNGX-BH25SG E	LNGX-BH30SG E	LNGX-BH40S GE	LNGX-BH50S GE	
Applicable evaporation temperature		10°C ~ -10°C					
refrigerant		R404A					
power supply		380V50HZ					
condenser	form	Water cooled condenser					
	Rated water flow(m <sup>3</sup> /h)	8	10	12	17	22	
	Takeover specifications	2"	2"	2"	2-1/2"	2-1/2"	
Unit cooling capacity	Evaporation temperature -10°C	Refrigeration capacity	34.6	45.7	52.5	76.5	93.3
		Electric power	11.04	14.66	16.97	25.3	31.5
interface	Discharge pipe interface	ϕ 22	ϕ 22	ϕ 22	ϕ 22	ϕ 28	
	Suction pipe interface	ϕ 42	ϕ 54	ϕ 54	ϕ 54	ϕ 54	
Dimensions	long(mm)	1250	1350	1550	1500	1650	
	Width(mm)	650	700	700	7500	750	
	high(mm)	900	900	950	940	950	
Installation dimensions	long(mm)	1220	1320	1520	1470	1620	
	Width(mm)	450	500	500	550	550	

# Low temperature semi-hermetic two-stage piston water-cooled condensing compressor unit

## Low temperature semi-hermetic two-stage piston water-cooled condensing compressor unit

Unit Type		LNGX-BHS05S DE	LNGX-BHS08S DE	LNGX-BHS12S DE	LNGX-BHS16SD E	LNGX-BHS20SD E	LNGX-BHS25SD E	LNGX-BHS30S DE	
Applicable evaporation temperature		-30°C ~ -40°C							
refrigerant		R404A							
power supply		380V50HZ							
condenser	form	Water cooled condenser							
	Rated water flow(m3/h)	2.5	4	8	8	9	11	11	
	Takeover specifications	1-1/4"	1-1/2"	2"	2"	2"	2"	2"	
Unit cooling capacity	Evaporation temperature -35°C	Refrigeration capacity	6.2	8.81	13.99	19.74	22.8	26.1	31
		Electric power	4.12	5.89	8.86	12.47	14.47	16.64	19.89
interface	Discharge pipe interface	¢ 12.7	¢ 15.88	¢ 15.88	¢ 15.88	¢ 22	¢ 22	¢ 22	
	Suction pipe interface	¢ 28	¢ 28	¢ 35	¢ 42	¢ 42	¢ 42	¢ 42	
Dimensions	long(mm)	1000	1100	1250	1250	1250	1350	1350	
	Width(mm)	600	650	700	700	700	800	800	
	high(mm)	820	830	940	970	1030	980	980	
Installation dimensions	long(mm)	970	1070	1220	1220	1220	1320	1320	
	Width(mm)	400	450	500	500	500	700	700	

Semi-hermetic piston water-cooled condensing compressor unit size diagram:



Dimensions of semi-hermetic two-stage piston water-cooled condensing compressor unit:

