

UNIT MODEL		LSBLG380/C	LSBLG500/C	LSBLG600/C	LSBLG760/C	LSBLG880/C	LSBLG1000/C	LSBLG1200/C
COOLING CAPACITY	kW	376	496	594	756	880	996	1203
POWER SUPPLY		380V,3P+N+PE,50HZ						
RATED POWER CONSUMPTION	kW	124	159	187	246	285	318	381
REFRIGERANT								
TYPE		R134a						
CHARGE	kg	76	90	105	76+76	76+90	90+90	105+105
REFRIGERANT CONTROL		ELECTRONIC EXPANSION VALVE						
COMPRESSOR								
COMPRESSOR TYPE		Semi- hermetic, twin screw compressor						
BRAND		BITZER						
QUANTITY		1	1	1	2	2	2	2
OIL CHARGE PER COMPRESSOR	Liters	300	300	300	300+300	300+300	300+300	300+300
CAPACITY ADJUSTABLE RANGE		25%,50%,75%,100% 4-step			12.5%,25%,37.5%,50%,62.5%,75%,87.5%,100%			
WEIGHT	kg	1300	1360	1390	1300+1300	1300+1360	1360+1360	1390+1390
FAN								
QUANTITY		6	8	10	12	14	16	20
AIR VOLUME	m ³ /h	23000*6	23000*8	23000*10	23000*12	23000*14	23000*16	23000*20
MOTOR INPUT	kW	2.4*6	2.4*8	2.4*10	2.4*12	2.4*14	2.4*16	2.4*20
MOTOR SPEED	rpm	940	940	940	940	940	940	940
EVAPORATOR								
EVAPORATOR TYPE		SHELL-TUBE HEAT EXCHANGEER (DX)						
SHELL DIAMETER/LENGTH	mm	408/2440	450/2440	500/2440	550/3050	600/3050	600/3050	550/4400
WATER FLOW	m ³ /h	65.4	86	103.2	130.7	151.4	172	206.4
WATER PRESSURE DROP	kPa	39	54	56	75	70	75	71
FOULING FACTOR	m ² .k/kW	0.086	0.086	0.086	0.086	0.086	0.086	0.086
WATER PIPE CONNECTION	mm	DN125	DN125	DN125	DN150	DN150	DN150	DN200
WATER PIPE CONNECTION TYPE		VICTAULIC COUPLING						
GENERAL								
LENGTH	mm	3810	4680	5800	7720	8800	9640	11700
WIDTH	mm	2280	2280	2280	2280	2280	2280	2280
HEIGHT	mm	2370	2370	2370	2430	2430	2430	2430
SHIPPING WEIGHT	kg	3420	4460	5170	6630	7980	9160	9580
RUNNING WEIGHT	kg	3620	4660	5370	6830	8280	9460	9880

Notes :

1) Nominal cooling capacities are based on the following conditions: °C °C °C °C
 Chilled water inlet/outlet temp: 12 /7 ; Outdoor temp (DB/WB):35 /24 . °C °C

2) The applicable ambient temperature range of R134a air-cooled screw units is 15 ~ 52 , Please refer to the technical manual for detailed performance table.

3) Caution: noise preventer required

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