

# Modular Screw Air to Water Chiller – LSB Series – Technical Specifications

Model			LSBLGF230MT3/Nb-M	LSBLGF350MT3/Nb-M	LSBLGF430MT3/Nb-M
Cooling Capacity		kW / TR	230 / 65	350 / 100	430 / 122
Capacity Steps		%	25-50-75-100%	25-50-75-100%	25-50-75-100%
EER		W/W	2.87	2.8	2.82
Power Supply			380 ~ 415V – 3N – 50Hz		
Power Supply		kW	80	125	152
Compressor	Type / Quantity		Semi-hermetic screw / 1		
Refrigerant	Type		R134a		
Evaporator	Type		Shell and Tube		
	Water Flow	m <sup>3</sup> /h	39.6	60.2	74
	Pressure drop	kPa	≤50		
Chilled Water Outlet/Inlet		mm	DN100	DN100	DN125
Condenser	Type		High efficient Fin tube type heat exchanger		
Fan	Type / Quantity		Axial / 4	Axial / 6	Axial / 8
	Power Input	kW	4 x 2.0	6 x 2.0	8 x 2.0
Sound Pressure Level		dB(A)	78	79	80
Dimensions (W x D x H)		mm	3150 × 2100 × 2300	4330 × 2100 × 2300	5250 × 2100 × 2300
Net weight / Operation Weight		kg	3110 / 3421	4600 / 5060	5330 / 5863
Operation Range		°C	Outdoor Temperature 18~48 DB, Water Temp. 7°C		

Units capacity and power input are based in the following conditions:

**Cooling:** Water 7°C, ΔT= 5°C, OutTemp. 35°C DB/24°C WB

**Heating:** Water 45°C, ΔT= 5°C, OutTemp. 7°C DB/6°C WB

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