

# 100-160kW Induction Central Heating Boiler

## Specifications

BYD-C120SLC1-F for touch screen type air cooled model

BYD-C160SLC1-S for touch screen type water cooled model

Model	Unit	BYD-C120SLC1-F	BYD-C160SLC1-S
Power	Kw	120	160
Current	A	180	240
Voltage/Frequency	V/Hz	380V/415V/50	380V/415V/50
Cross section area of power cable	m <sup>2</sup>	3*70	3*120
Protection grade	IP	33	33
Heating efficiency	%	≥98	≥98
Heat dissipation of enclosure	%	≤2	≤2
Max. volume of heating	L	2200	2960
Max. pressure of heating	Mpa	0.2	0.2
Min. flow of pump	L/min	144	192
Expansion tank volume	L	120	160
Max. heating temperature	°C	90	90

Min. temperature	°C	5	5
65°C hot water output	L/min	39	52
Dimensions	mm	1720*1100*1000	1720*1100*1000
Inlet/outlet connection	DN	65(2.5 inch flange)	65(2.5 inch flange)
Heating area	m <sup>2</sup>	960-1440	1280-1920
Approximate heated volume	m <sup>3</sup>	4150-5740	6000-8000
Electric meter	A	3-phase power meter 1.5-1.6A, metering transformer needs to be installed rationally by professional personnel	
Weight	kg	350	350
Notes: BYD-C160SLC1-S is water cooled model, the temperature of cooling return water needs to be controlled below 40°C and water flow should be not less than 15L/min;			