

The Best Partner of
Energy, Water and Environment

MIURA

Once-Through Steam Boiler

SU GAS
SERIES

SU-120

SU-160

SU-250

SU-350



Designed by
JAPAN MIURA

SU Gas Series

SU-120 H

SU-160 H

SU-250 H

SU-350 H

Features :

- Efficiency until 90%
- Safety alarm and easy to operate
- Available for 120 kg until 350 kg capacity
- Available for small industries
- Low running cost
- Available in gas fuel



[SPECIFICATION]

Item		Unit	SU-120H	SU-160H	SU-250H	SU-350H	
Main Body	Boiler type	—	Once-through multi-tube boiler				
	Working Pressure Range	MPa	0.39–0.59		0.49–0.88		
	Equivalent Output	kg/h	120	160	250	350	
	Heat Output	kW	75.2	100	157	219	
	Boiler Efficiency	%	90				
	Water Content	L	29	27	38	61	
	Fuel Consumption	Natural Gas (13A)	Nm ³ /h	7.4	9.9	15.4	21.6
		LPG	kg/h			13.5	18.9
	Power Supply	—	100 VAC, 50/60Hz, single phase		200 VAC, 50/60Hz, 3 phase		
	Required Wire Diameter for Power Supply	mm ²	2.0		2.0		
	Power Circuit Breaker Capacity	Normal Temperature Water	A	20		15	
		High Temperature Water					
	Rated Power Consumption	Normal Temperature Water	kW	0.60		1.30	
		High Temperature Water					
Max. Electrical Consumption 50 Hz/60 Hz	Normal Temperature Water	kVA	1.15/1.11		2.18/2.08		
	High Temperature Water						
Product Weight	kg	300		410	480		
Connection Size	Steam Outlet		20		25		
	Safety Valve Outlet		20	25	25		
	Feed Water Inlet	Normal Temperature Water	A	15		15	
		High Temperature Water					
	Boiler Blowdown Outlet			25		25	
	Fuel Inlet			20	25	32	
	Inspection Port			Upper: 32, Lower: 25		Upper:40, Lower: 32	
	Stack Diameter	φmm		120		150	200

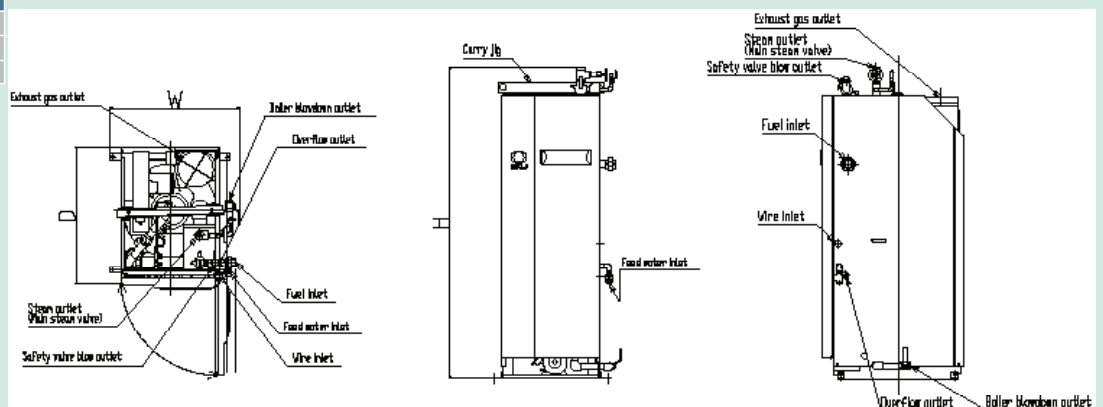
NOTES :

- Actual output evaporation is based on feed water temperature 15°C, and steam pressure 0.49 MPa.
- If the feed water temperature is 85°C or higher, the high temperature water specification must be used.
- Set the gas supply pressure as follows. (During shutdown and operation)
- The safety valve blow outlet diameter indicates the nominal diameter of the elbow that connects to the outlet of the safety valve.
- Stack installation standard. Regarding a stack installation, the number of elbows must be within five, and the total stack length must be 15 m or less. The stack must be a single stack.(Do not install as a concentric stack.)

Model	Natural Gas	LPG
SU-250	1.96 ± 0.49 kPa	2.75 ± 0.49 kPa
SU-350		

[OVERALL DIMENSION]

	SU 120	SU 160	SU 250	SU 350
W	595	595	765	765
D	790	790	805	845
H	1855	1875	1910	1910



*The diagram shows SU-250