



Overseas affiliated companies

Please address inquiries about Miura products to the nearest Miura Group company.

[JAPAN] MIURA CO., Ltd.

7 Horie, Matsuyama, Ehime 799-2696, Japan
TEL 089-979-7123
FAX 089-979-7101

[CHINA] MIURA INDUSTRIES (SUZHOU) Co., Ltd.

中華人民共和國蘇州市蘇州工業園區南前巷8番 215024
No. 8 Nanqian Lane, Suzhou Industrial Park, Suzhou, People's Republic of China, 215024
TEL 86-512-8816-8892 FAX 86-512-8816-8893
<http://www.miura-cn.com>

[TAIWAN] MIURA BOILER Co., Ltd.

台北市信義區基隆路2段133號4F 11053
4F NO.11053 KEELUNG RD, SEC.2 133 TAIPEI TAIWAN
TEL 886-2-2735-9991 FAX 886-2-2735-9832
<http://www.miuraz.com.tw>

[SINGAPORE] MIURA SOUTH EAST ASIA Pte. Ltd.

No.3 Soon Lee Street, #03-36/37/38, Pioneer Junction, Singapore 627606
TEL 65-6465-1147 FAX 65-6465-1148

[THAILAND] MIURA INDUSTRIES (THAILAND) Co., Ltd.

32/33 12th Floor, Zone C Unit A, Sino-Thai Tower, Sukhumvit 21 Road (Sai Asok)
Klongtoey-Nua, Wattana, Bangkok 10110, Thailand
TEL 66-2-661-6354 FAX 66-2-661-7461

PT. MIURA INDONESIA

Jl. Harapan Raya Lot KK 10, Karawang International Industrial City (KIIC)
Karawang 41361, Jawa Barat, Indonesia
TEL 62-21-2936-9977 FAX 62-267-863-4888
<http://www.miura.co.id>

[KOREA] KOREA MIURA Co., Ltd.

大韓民國ソウル特別市永登浦區京仁路775,3-701 文來洞3街, ACE HIGHTECH CITY
701-1, 3-Dong, ACE Hightech, 775, Gyeongin-ro, Yeongdeungpo-gu, 150-972 Seoul
TEL 82-2-2671-2410 FAX 82-2-2671-0019
<http://www.miura.co.kr>

[CANADA] MIURA CANADA Co., Ltd.

8 Copernicus Boulevard, Brantford, Ontario N3P 1Y4 Canada
TEL 1-519-758-8111 FAX 1-519-758-5294
<http://www.miuraboiler.com>

[U.S.A.] MIURA NORTH AMERICA Inc.

16016 E Foothill Blvd, Irwindale, CA 91702-2812 U.S.A.
TEL 1-626-305-6622 FAX 1-626-334-7430
<http://www.miuraboiler.com>

[U.S.A.] MIURA MANUFACTURING AMERICA Co., Ltd.

2200 Steven B. Smith Blvd., Rockmart, GA 30153 U.S.A.
TEL 1-678-685-0929 FAX 1-678-685-0930

[MEXICO] MIURA BOILER MEXICO, S.A. DE C.V.

Calle Hacienda de Temixco, numero.28, oficina A4, Colonia Bosque de Echegaray
Municipio de Naucalpan de Juarez, C.P. 53310, Estado de Mexico
TEL 52-55-5360-5939 FAX 52-55-5373-8647

[BRAZIL] MIURA BOILER DO BRASIL, LTDA.

Rua Maria David Ganen, 50 Jardim Planalto - Jundiai, 13211-220 - S.P. Brazil
TEL 55-11-3379-7434 FAX 55-11-3379-7435

Product upgrades may be made without notice.
Please address any enquiries concerning this brochure
to your nearest Miura distributor or sales office.

Safety Precautions

In order to use the product safely, please read the Instruction Manual first.

© Export Precautions: Products in this brochure which fall under the export controls in the Foreign Exchange and Foreign Trade Act require a license from the Japanese government for export outside of Japan. If you are considering export, please consult your Miura Sales Representative.



Boiler efficiency of 98%

SI steam boilers with slim, compact design

Miura is recognized as the world's most reliable and respected brand of once-through boilers. Commanding the top share of the market for compact once-through boilers, we are proud of our boilers which demonstrate our commitment to quality and technical prowess, and we are delivering outstanding performance in a wide variety of industries. Environmentally friendly, with high boiler efficiency and low running cost, the Miura SI series is winning the satisfaction of international customers.

Features

Easy Status Checking And Operation

The operating conditions of the boiler are clearly displayed using visibly recognizable colours and messages. You can safely and easily control automatic water and steam supply with the press of a switch.

>> Alarm function

An alarm function helps to avoid unintended boiler stoppages. It is particularly useful from the perspective of preventive maintenance.



>> The panel interface supports multiple

The control panel language can be switched between English, simplified Chinese, traditional Chinese, Korean, and Japanese.

>> Heat control function

Operational data including the volume of steam and blowdown are displayed on the panel, which ensures the ability to maintain safe and stable operating conditions.

New Functions For Ever Greater Safety

>> Flame sensor with self-analysis function

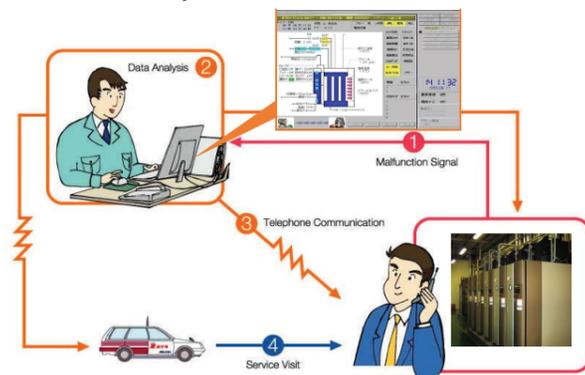
The flame sensor itself is equipped with a function that can detect any malfunction

>> High-performance steam pressure switch

A fail-safe steam pressure switch is used based on the physical phenomenon whereby a magnet loses its magnetic force when heated.

Online Maintenance Using The Communication Function

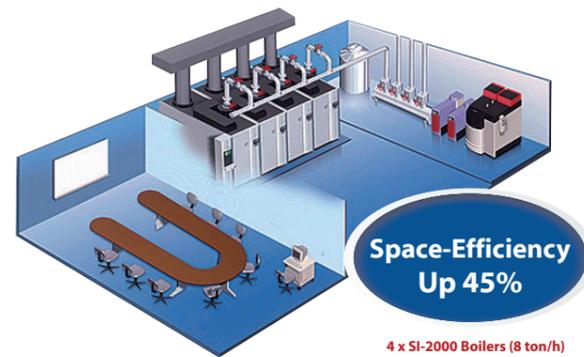
The boiler automatically alerts the maintenance centre if it detects a fault.



Space-Efficiency

Space-saving through close placement

- Significant space-savings
- High-efficiency operation with multiple boilers
- Reduces risk of breakdowns



4 x SI-2000 Boilers (8 ton/h)



* Front View SI-2000 GVS

Basic Specification

MIURA TYPE		SI-2000GVS	REMARK	
ITEM	UNIT			
Main Body				
Boiler Type	—	Once-through steam boiler		
Working Pressure	MPa	0.49–0.88	*8, *9	
Equivalent Output	kg/h	2000		
Actual Output	kg/h	1680	*3	
Heat Output	MW (kcal/h)	1.25 (1078000)		
Boiler Efficiency	%	98	*2	
Water Content	L	138		
Fuel Consumption	Natural Gas (13A)	Nm ³ /h	113.5	
		kg/h	49.2	
	LPG	(Propane)	kg/h	99.3
		(Butane)	Nm ³ /h	38.7
		kg/h	100.8	
Power Supply				
Required Wire Diameter for Power Supply	mm ²	5.5	*5	
Power Circuit Breaker Capacity	A	60	*6	
Rated Power Consumption	kW	10.4		
Max. Electrical Consumption 50Hz	kVA	13.8		
Product Weight	kg	2360		
Connection Diameter				
Steam Outlet		65		
Safety Valve Outlet		50	*4	
Feed Water Inlet		40		
Boiler Blowdown Outlet		25		
Fuel Inlet		20		
Inspection Port		Upper: 50, Lower: 50		
Surface Blowdown Outlet		[10]	*7	
Dew Drain Outlet		25		
Stack Diameter	φ mm	300		

*1. The following values are used for the heat output of the fuel.

Fuel type	Lower heating value	
Natural Gas (13A)	40.6 MJ/m ³ N	
LPG	(Propane)	93.7 MJ/m ³ N (46.4 MJ/kg)
	(Butane)	118.9 MJ/m ³ N (45.7 MJ/kg)

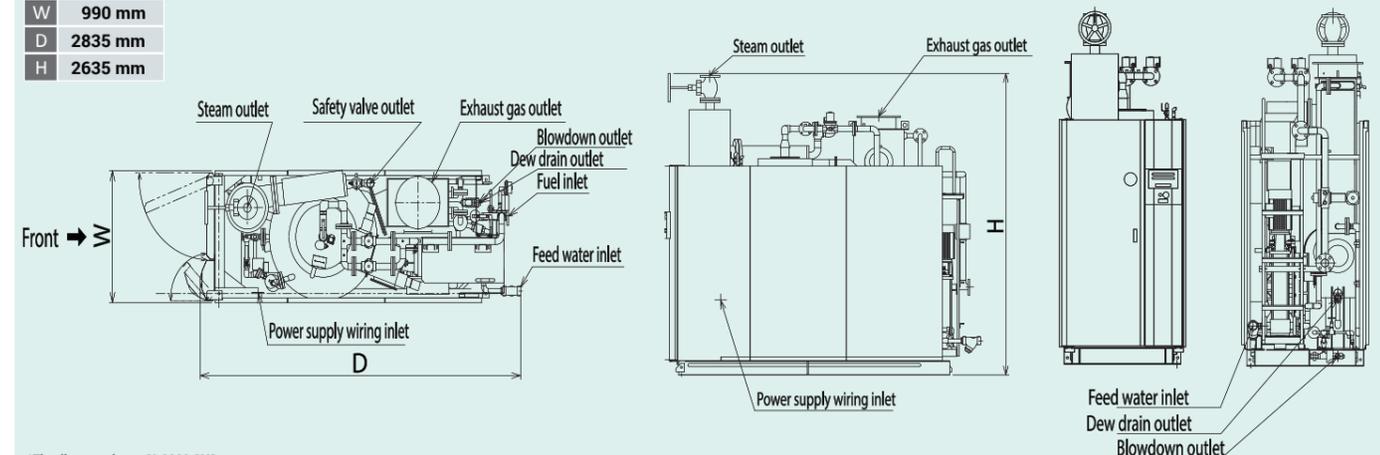
- *2. (1) Boiler efficiency is based on the following.
Operating conditions: Operating pressure 0.49 MPa
Feed water temperature: 15°C
Charge air temperature: 35°C
Land boilers - Heat balancing: JIS B 8222
(2) The error has the following tolerances.
Error for boiler efficiency ±1%, error for fuel consumption ±3.5%
- *3. Actual output evaporation is based on feed water temperature 15°C, and steam pressure 0.49 MPa. This boiler is designed for use with feed water at a temperature of 55°C or higher.
- *4. The safety valve blow outlet shows the diameter of the elbow that connects to the outlet of the safety valve.
- *5. Power supply wire diameter indicates the wire diameter of crosslinked polyethylene insulated PVC sheathed cable (CV).
- *6. The power circuit breaker should be an earth leakage circuit breaker with overcurrent protection.
- *7. The piping from the surface blowdown outlet is connected to the boiler blowdown.
- *8. If the pressure exceeds the working pressure range, steam leak or blowdown from the safety valve may occur.
Contact your local Miura office when the steam pressure setting of the boiler exceeds the working pressure range.
- *9. Install a pressure reducing valve or equivalent when the steam lower than the working pressure range is required.
- *10. The gas supply pressure should be set within the appropriate range as shown below.
(Applicable both during operation and when stopped.)

Model	Natural Gas (13A)	LPG
SI-2000GVS	14.7 to 19.6 kPa {1500 to 2000 mmAq}	9.81 to 19.6 kPa {1000 to 2000 mmAq}

For the sake of safety, an earthquake detector should also be installed.

Overall Dimensions [SI-2000 GVS]

SI-2000GVS
W 990 mm
D 2835 mm
H 2635 mm



*The diagram shows SI-2000 GVS

Flow Sheet [SI-2000 GVS]

