

# S



LULEH VA MACHINSAZI IRAN (L.M.I.) Co.

The M.I.3. cast-iron boiler model "S"  
with 5 year guarantee support and  
permanent after-sale services  
holder of the Iranian national standard award

# M.I.3



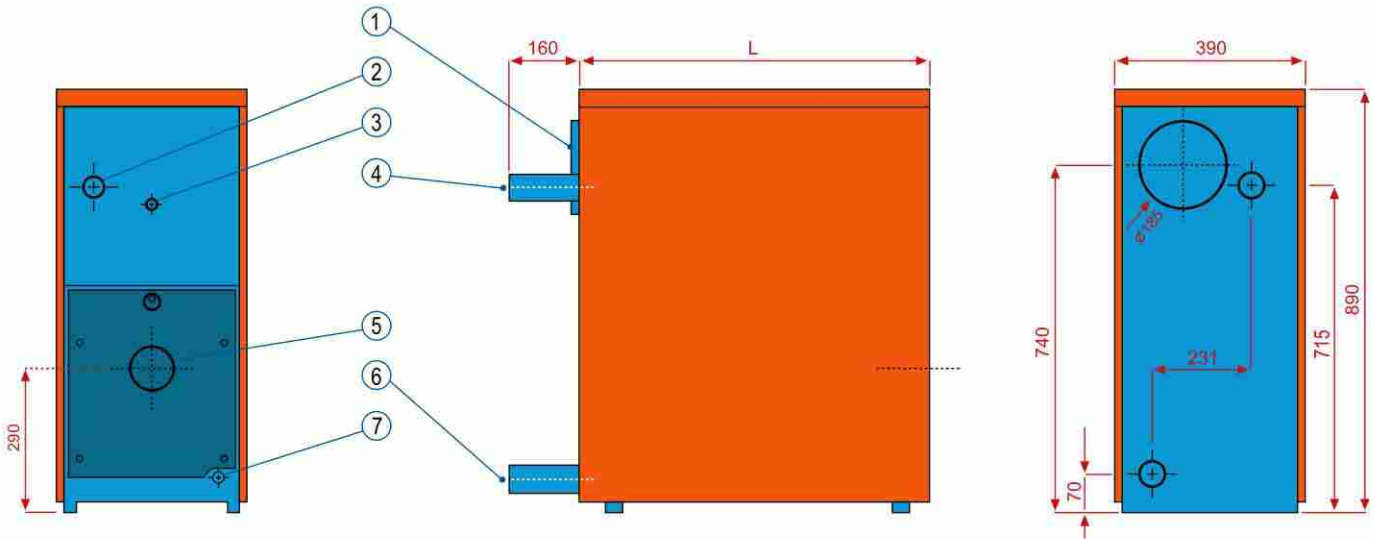
## ■ Introducing Cast-iron Boilers (M.I.3)

1. Luleh va Machinsazi Iran (L.M.I.) is the first manufacturer of cast-iron boilers for central heating systems in Iran.
2. The cast-iron boilers made by L.M.I. are presented under M.I.3. in five models of S,M,L90,M90 and S90.
3. The heating capacity of M.I.3. boilers is as follows:
  - A. From 30,000 to 100,000 Kcal/hr for model S
  - B. From 100,000 to 300,000 Kcal/hr for model M
  - C. From 172,000 to 560,000 Kcal/hr for model L90
  - D. From 77,400 to 217,000 Kcal/hr for model M90
  - E. From 20,000 to 80,000 Kcal/hr for model S90
4. The L.M.I. holds IMS certificate (consisting of quality, environment and safety features) according to ISO 9001: 2000, ISO 14001: 2004, and OHSAS 18001: 1999.
5. The L.M.I. is the first prize holder of the certificate issued by the nation-wide ISIRI in Iran.
6. The L.M.I. also possesses the certificate of laboratory qualification concerning the tests performed on its boilers for evaluation of their central heating capability, rate of hot water usage, capacity and working output from the ISIRI.
7. The L.M.I. always chooses the best type of material, the one most resistant to heat and most suitable for heat transition, for producing the boilers. Furthermore, full care is continuously taken for proper heat distribution feature and maximum working efficiency in the design phase of the equipment.
8. All the sections of the M.I.3. cast-iron boilers go under the process of hydrostatic test up to 10 Bars.
9. The M.I.3. boilers are supplied either in assembled or un-assembled form, due to customer's requirements. When presented un-assembled, all the necessary components will be supplied with them, packed in a wooden box. The covers of the boilers are equipped with insulation blanket in order to prevent wasting of heat, saving energy and optimising the heat output of the boilers.
10. The M.I.3. boilers model M,L90 and M90 are equipped with a dividing pipe inlet to the sections, an initiation which refutes necessity of a drain cock in front of the boiler, in the boilers with many sections. Furthermore, an equal distribution of water in all the sections is secured.
11. All the L90, M90 and S90 boilers are equipped with the control panel unit, which is delivered to the customer along with the purchased sets
12. The M.I.3. cast-iron boilers are fueled with natural gas or gasoil.
13. The M.I.3. cast-iron boilers are supported by a five year guarantee and the permanent after sale services.





- 1- Chimney connection
- 2- Thermostat connection
- 3- Manometer connection
- 4- Flange Outlet (2")
- 5- Burner connection
- 6- Flange Inlet (2")
- 7- Place of installation of cap



Note: The water in the boiler will get void of any salts some times later. Never drain it.

(Dimension in millimeter)

Type	Output		Input		Fall of Water Pressure (m bar)		Fall of Smoke Pressure (m bar)	Length of Cover L mm	Boiler Capacity lit	Shipping weight kg
	Kcal/h	Kw	Kcal/h	Kw	$\Delta T = 10^\circ C$	$\Delta T = 20^\circ C$				
S.4	30,000	35.0	35,000	40.7	2.6	1.0	0.050	435	20	205
S.5	40,000	46.5	46,000	53.5	3.1	1.2	0.063	540	24	250
S.6	50,000	58.2	58,000	67.5	3.7	1.4	0.075	645	28	295
S.7	60,000	69.8	70,000	81.5	4.5	1.7	0.088	750	32	340
S.8	70,000	81.5	81,000	94.3	5.6	2.0	0.100	855	36	385
S.9	80,000	93.1	93,000	108.3	7.1	2.5	0.115	960	40	430
S.10	90,000	104.7	105,000	122.2	12.4	4.3	0.132	1065	44	475
S.11	100,000	116.4	116,000	135.0	21.0	7.0	0.150	1170	48	520



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