

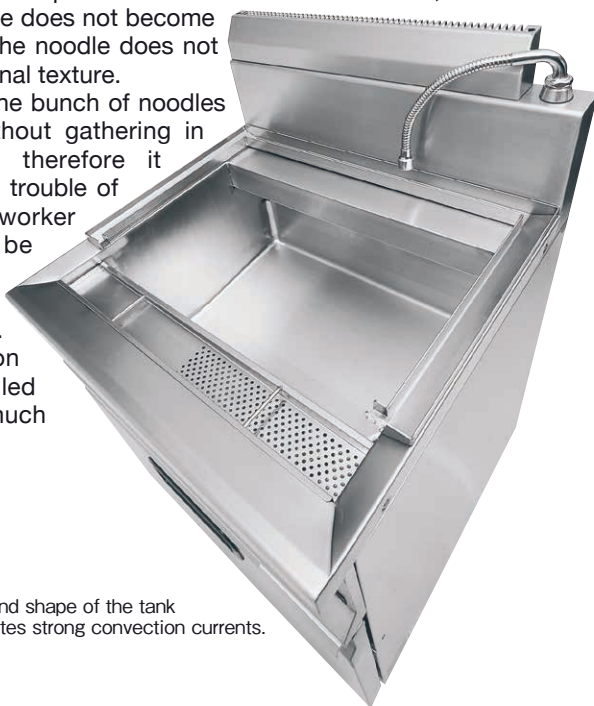
## *Strong convection currents boil noodles deliciously and high thermal efficiency of IH greatly reduces running costs!*

Joint development with Tokyo Electric Power Company, Incorporated

### World's first! Square tank Udon Boiler adopting IH system.

#### **Strong convection currents by Maruzen's original hot water tank structure boil deliciously without trouble.**

Strong convection currents in the hot water tank generated by Maruzen's original structure make the heat go through every single string of noodle and boil deliciously. Also, as there is no extra part such as heater inside the tank, surface of the noodle does not become rough and the noodle does not lose its original texture. Moreover, the bunch of noodles loosens without gathering in one place; therefore it reduces the trouble of that the worker has to be present at all time to stir the pot. Tasty udon can be boiled without much trouble.



■Structure and shape of the tank that generates strong convection currents.

#### **Simple hot water tank which is easily cleaned.**

Thanks to IH system by which the hot water tank itself generates heat, there is no extra part such as heater inside the tank; and also with the rounded corners it is excellent in cleanness. Garbage receiving basket is installed for drain port and so is a scum receiver for overflow part, so that broken pieces of noodles or scum is easily collected and the daily cleaning becomes easy.



■Wastebasket

#### **Delicate adjustment of heating power can be made by IH with an easy operation.**

Unlike conventional gas pot (combustion type) whose fire power adjustment relied on the worker's sense, IH enables adjustment of output in a unit of 1%. By controlling the value setting of output, the cooking process can be standardized realizing a perfect boiling even by a part-time worker.



■Simple control panel

#### **Space-saving compact body, easy to use according to the kitchen layout.**

As there is nothing inside the tank, it secures plenty amount of water which is indispensable for a tasty boiling. Together with further stronger convection currents, turning force of a round pot is realized in a compact square tank. It made it possible to serve orthodox udon even in a small space.



#### **Hot water tank of high durability**

SUS316L, the most resistant stainless steel against corrosion, is used for the hot water tank. It is excellent in durability even against udon for business purpose which contains relatively much salt.

#### **Triple safety devices such as dry-heating preventive device relieve you.**

Equipped with dry-heating preventive device, overheating preventive device and inverter protective function, it prevents seizure of IH coil and dry-heating of the tank, which makes you relieve even in case of occurrence.

## Running cost is almost 1/2 of gas heating! Reduction in air-conditioning expenses makes it more economical.

### High thermal efficient IH marks the lowest running cost in the industry.

IH system, which is high in thermal efficiency, is adopted for heating the hot water tank. Unlike the gas system which heats up the tank from below, the tank itself generates heat; therefore, there is little loss of heat, realizing more than 90% of thermal efficiency. Also, by Maruzen's original structure of hot water tank which promotes convection currents in the tank, noodles can be boiled deliciously with 60 – 80% of the maximum operating output. As a result, it became successful to suppress running cost at almost the half of that of gas system.

### Initial costs can be speedily depreciated.

Gas pot (combustion type) is more reasonable compared to IH, but its running cost is expensive. On the other hand, IH Udon Boiler look more expensive than gas models, but its running cost is remarkably low. With the variance of running cost between gas system and IH system, the initial cost is speedily depreciated. After that, it turns to a positive figure.

■Running Cost Comparison Table (when boiling noodles in Udon Pot 10 hours/day x 365days)

Product Name	Maruzen Gas Udon Boiler		IH Udon Boiler	
	MIU-066 equivalent model	MIU-067 equivalent model	MIU-066	MIU-067
Output	21.4kW	25.6kW	10kW	12kW
Normal operating output	21.4kW	25.6kW	7kW	8.4kW
Annual running cost (365days)	¥794,000	¥950,000	¥294,000	¥350,000
			¥500,000	¥600,000

※Normal operating output of IH Udon Boiler is set as 70% of its power consumption, since the output is adjustable.

※Running costs are calculated based on the following assumptions:

Gas rate: 270 (yen/m<sup>3</sup>), Electricity rate (average): 11.5 (yen/kWh)

※Basic electricity rate is charged separately, however, each electric power company has discount rate for electrified kitchen.

Advantage in annual costs

### By reducing air-conditioning expense and labor cost, total cost is more economical!

Reduction in running cost can be made not only in the area of energy expense. As IH produces no combustion exhaust and its low radiation heat prevents the kitchen from becoming like a sauna, air-conditioning expense can be also reduced. Simple output adjustment and control of boiling time which is characteristic of IH allow even a part-time worker to cook deliciously, leading to labor-saving in the kitchen and reduction in labor cost.

### Eco-friendly design taking not only the function but also improvement of environment into consideration!

Maruzen's IH Udon Boiler is a product which improved the function and operability as kitchen equipment drastically while took improvement of environment into consideration. Clean IH produces less exhaust and reduces radiation heat greatly, which improves work environment in the kitchen and mitigates the load of the worker. Also, this product is highly effective in energy-saving. Therefore, it achieved a big reduction of electricity consumption compared to conventional models, substantially reducing environmental influences.



●If the water in the tank becomes too turbid, please change the water.

※It is recommended right after peak time and every operation of 2-3 hours.

※If there is any remainder sticking to the bottom of the tank, please clean and remove it carefully with a washing agent.

●Please make sure that the added-water is always fed while boiling.

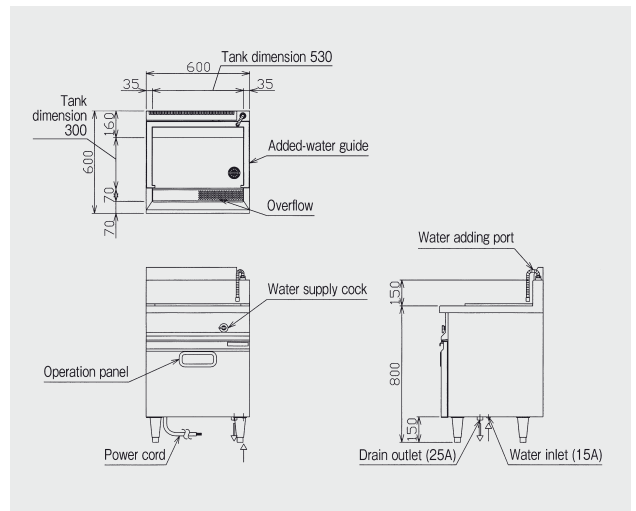
# IH Noodle Boiler

Boil up deliciously by strong convection!!

## MIU-066 (Udon)

List Price : ¥1,080,000  
(tax-excluded)

Casted Amount  
**1.8kg**  
Water Capacity  
**45ℓ**  
General  
Specification

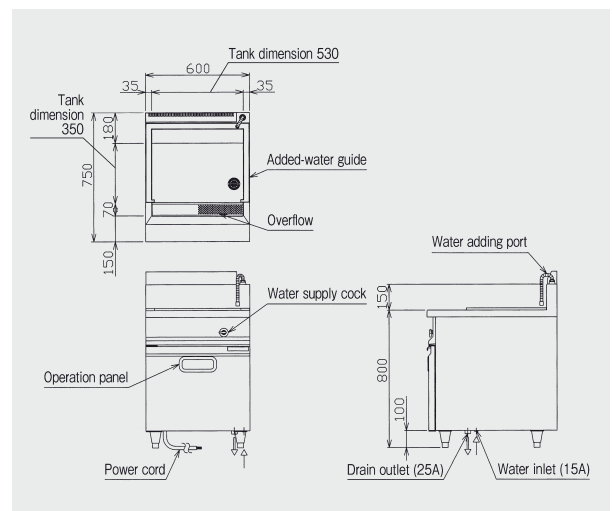


Specification suitable for large-volume boiling with plenty of water. Long noodles such as tenobe-udon can be boiled in a tasty manner.

## MIU-067 (Udon)

List Price : ¥1,280,000  
(tax-excluded)

Casted Amount  
**3.0kg**  
Water Capacity  
**70ℓ**  
Large Volume  
Specification



■IH Udon / Soba Boiler Specifications Table

Model	External Dimension (mm)				Water amount (ℓ)	Power (50/60Hz)	Power consumption (kW)	Necessary hand switch capacity	Power cord (2m)	Water inlet	Drain outlet	Safety device	Accessories	Weight (kg)
	Width	Depth	Height	Back										
MIU-066	600	600	800	150	45	3φ200V	10.2	40A	8mm <sup>2</sup> -4cores direct connecting	15A	25A	Dry-heating prevention device	Lid (1) Added-water guide (1)	57
MIU-067	600	750	800	150	70	3φ200V	12.0	40A	8mm <sup>2</sup> -4cores direct connecting	15A	25A			62

●Delivery time is about 2 weeks after receipt of order.