

ボイラー

BOILER BT-160/200 / 250 / 300 (Energy saving type)

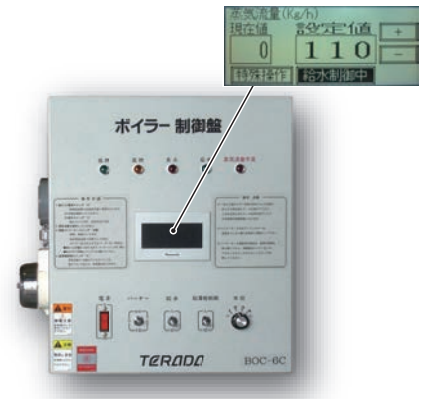


BT-250

Pursued most suitable steam for tea, possible only because tea machine makers.

“Steam quality” focused Terada original three-path furnace!

- ★ New structured Terada original three-path furnace is used (Refer figure on bottom right), and improved the efficiency of smoke pipe significantly than traditional one. (Fuel consumption cut in 15%)
- ★ New structured water level meter is accurate & measures stably. Stable steaming is possible according to that good quality.
- ★ Newly developed a control panel (BOC-6C) with water supplying controller which helps to stable water supply and better quality steaming can be supplied by controlling water temperature. (Optional)
- ★ Adding to conventional heavy oil usage, LPG burner considered reducing CO2 emission can also be selected.



Boiler control panel with water supply controlling BOC-6C (Optional)

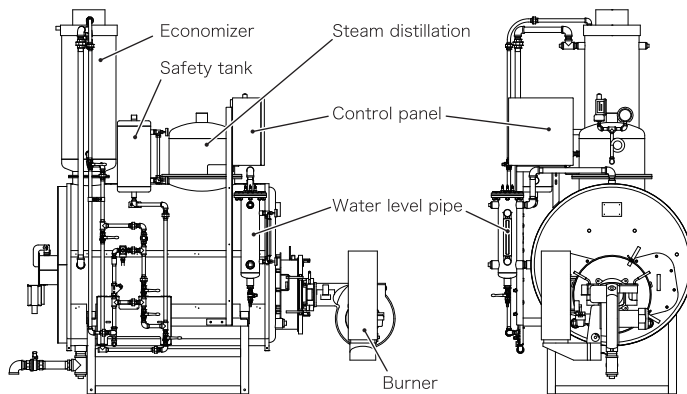
Features

Highly pursues energy saving and stability of steam!

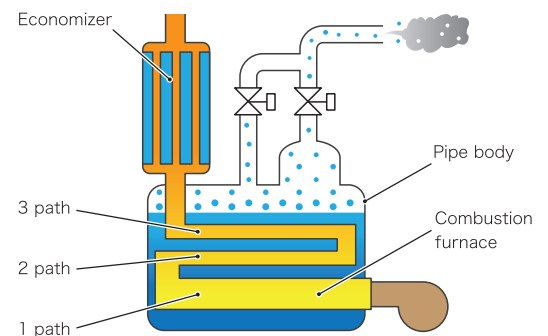
- Body is rust resistant aluminum coated.
- Standard economizer is equipped to warm the water before entering the boiler pipe using exhaust heat. With that reduces the temperature changing when supplying water to the pipe which is power saving.
- Water level inside pipe can be changed easily according to the dial.
- Supply/drainage valve is used for each pipe, economizer and safety tank, gathered to one place which made the operation easy.
- Gun type burner is standard use to increase the heat exchange efficiency, and combustion can be adjusted according to necessary steam amount.
- Steam can be controlled stably by water supply automatic control system new model control panel (BOC-6C). Stability of steam effects product quality significantly.



Boiler control panel BOC-4b (Standard)



Terada original three-path combustion furnace



Specifications

※Recommend continuous using stabled maximum steam amount around 70%.

Type	Pipe size	Length	Width	Height	Weight	Burner power	Heat transfer areas	Maximum evaporation	Recommended usage evaporation	Heavy oil combustion	Max LPG combustion	Chimney diameter
		mm	mm	mm	kg	kW	m ²	kg/h	kg/h	L/h	kg/h	mm
BT-160	4 x 8	1,580	960	2,080	567	0.25	2.87	60~160	110	4.7~10.4	-	200
BT-160G	4 x 8	1,580	960	2,080	567	0.4	2.87	50~120	110	-	12.4	200
BT-200	4 x 10	1,620	1,160	2,380	705	0.4	3.1	80~200	140	6.6~12.3	-	200
BT-200G	4 x 10	1,620	1,160	2,380	705	0.4	3.1	60~165	140	-	16.6	200
BT-250	5 x 10	1,950	1,160	2,400	741	0.4	3.48	110~250	175	9.5~15.0	-	200
BT-300	5 x 11	1,980	1,220	2,440	818	0.25	3.49	140~300	210	12.3~20.9	-	200

※One part is different from BT-300 with cover image & above figure shape. ※Part of the specifications might be changed for improvement.

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