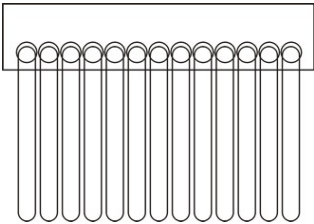


Densely-placed Tubes



We place the evacuated tubes more densely in order to increase the effective heat-absorbing area, so the water becomes warm in a short time and can come to a higher temperature. This technique places a high demand on the working modules and foaming techniques, and is very difficult in manufacturing. The success of the development of this series demonstrates the level of manufacturing and capability of research and development.

A Contrast Table with the Regular 21-tube Water Heater without Plates

Type		Dense tubes without reflective plate	Regular tubes with reflective plate
Total Heat		+ 14%	+5%
Reflecting Effect	Typhoon	No hurt	Destroyed plates
	Snow	No hurt	Broken tubes
	Dirt	No hurt	Decreased effect
Evaluation		Better	Just so-so