

# Y's JACKET

This specially designed jacket completely fits Yoshitake products in use at your site. The energy-saving and CO<sub>2</sub>-reduction effects can be estimated prior to order.

## Features

1. Energy saving  
Prevents room temperature rise as well as energy loss caused by heat release.
2. CO<sub>2</sub>-reduction effect  
Contributes to CO<sub>2</sub>-reduction of the global issue.
3. Safety  
Prevents accidents, such as burns or bruises and brings a safe and comfortable work environment.
4. Environmental enhancement  
Easy to set and reusable after valve maintenance, it produces no waste and thus is environment-friendly.



## Specifications

Material	Surface material	Glass cloth + Silicone coating
	Inner material	Glass cloth + Silicone coating
	Insulating material	Needle punched mat made of glass fiber Thickness: 20 mm

## Table of Energy-saving Effect and Amount of Decrease in CO<sub>2</sub> Emission (with Y's JACKET)

	Model (Size)	Amount of heat release (kJ/h)	Amount of steam reduction (kg/y)	Amount of decrease in CO <sub>2</sub> emission (kg-CO <sub>2</sub> /y)	
Pressure reducing valve	GP-2000	15A	2,253	7,540	1,049
		25A	2,655	8,886	1,237
		50A	4,470	14,959	2,082
		100A	8,959	29,981	4,172
	GP-1000	15A	1,724	5,768	803
		25A	2,095	7,011	976
		50A	3,285	10,993	1,530
		100A	6,426	21,514	2,993
Drain separator	DS-1	15A	1,663	5,566	775
		25A	1,706	5,707	794
		50A	3,389	11,341	1,578
	DS-2	15A	2,003	6,705	933
		25A	2,521	8,438	1,174
		50A	3,929	13,150	1,830
		100A	10,168	34,029	4,735
Strainer	SY-40	15A	393	1,316	183
		25A	621	2,079	289
		50A	1,227	4,105	571
		100A	3,100	10,373	1,443
	SY-5	15A	113	380	53
		25A	256	856	119
		50A	644	2,157	300

- Calculated conditions: steam pressure: 1 MPa, 24 hours per day, and Heavy oil A
- When steam pressure is 1 MPa,  
Surface temperature of the valve without Y's jacket: 174°C  
Surface temperature of the valve with Y's jacket: 47°C  
(The temperature varies depending on measurement conditions.)