

Electrical Heater Type VOC Abatement System



- VOC^{*1} gas treatment using only electricity
- Compact, highly efficient, energy-saving design, with low initial cost
- Low operating cost without catalysts



KSD-20-SPSC



KSD-30-SPSC



KSD-60-SPSC

KSD Series		20-SPSC	30-SPSC	60-SPSC
Dimension	W×D×H (mm)	1750 x 1000 x 1970	2050 x 1400 x 1970	3000 x 1550 x 2170
Treatment Flow Rate	Nm ³ /min	20	30	60
Power Consumption	kW	10	15	30

*1 VOC :Volatile Organic Compounds

Equipped with advanced energy-saving features.

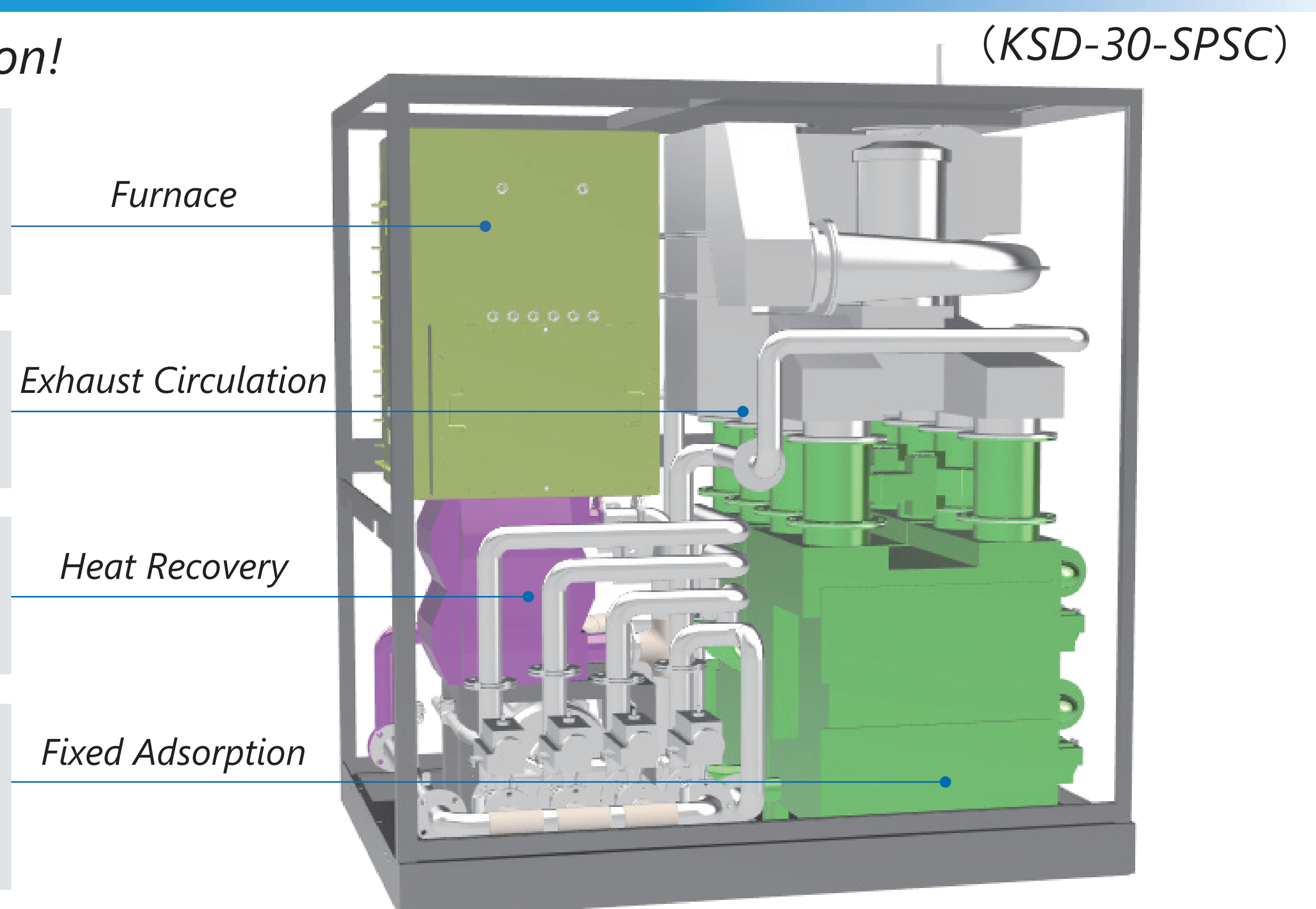
- Compact design! Suitable for indoor installation!

High-performance ceramic heater.
Directly heats exhaust gas,
achieving high treatment efficiency

Recycles heated exhaust gas.
Achieves high heat recovery efficiency.

Integrates the oxidation furnace and waste heat recovery unit. Completely insulated.

The industry's first fixed concentration method.
Achieves a double concentration ratio compared
with conventional methods.



More than 95% of the exhaust gas emitted from the process equipment will be adsorbed by a fixed adsorption unit before being released into the atmosphere. VOC gases adsorbed by the fixed adsorption section are desorbed by hot air. Highly concentrated VOC gases are released to the oxidation furnace. In the oxidation furnace, more than 98% of VOC gases are thermally oxidized and decomposed, then released to the atmosphere.

