

# Enabling the High-Efficiency Recovery of kW-Class Electrical Energy from Difficult to Capture Hot Exhaust Gas

**Revitalize and Reclaim: Your energy, Our efficiency**



**First time in the world!!!**



**Efficient Recovery of Factory Exhaust Waste Heat with a Unique 'Heat Collection Core' Structure**

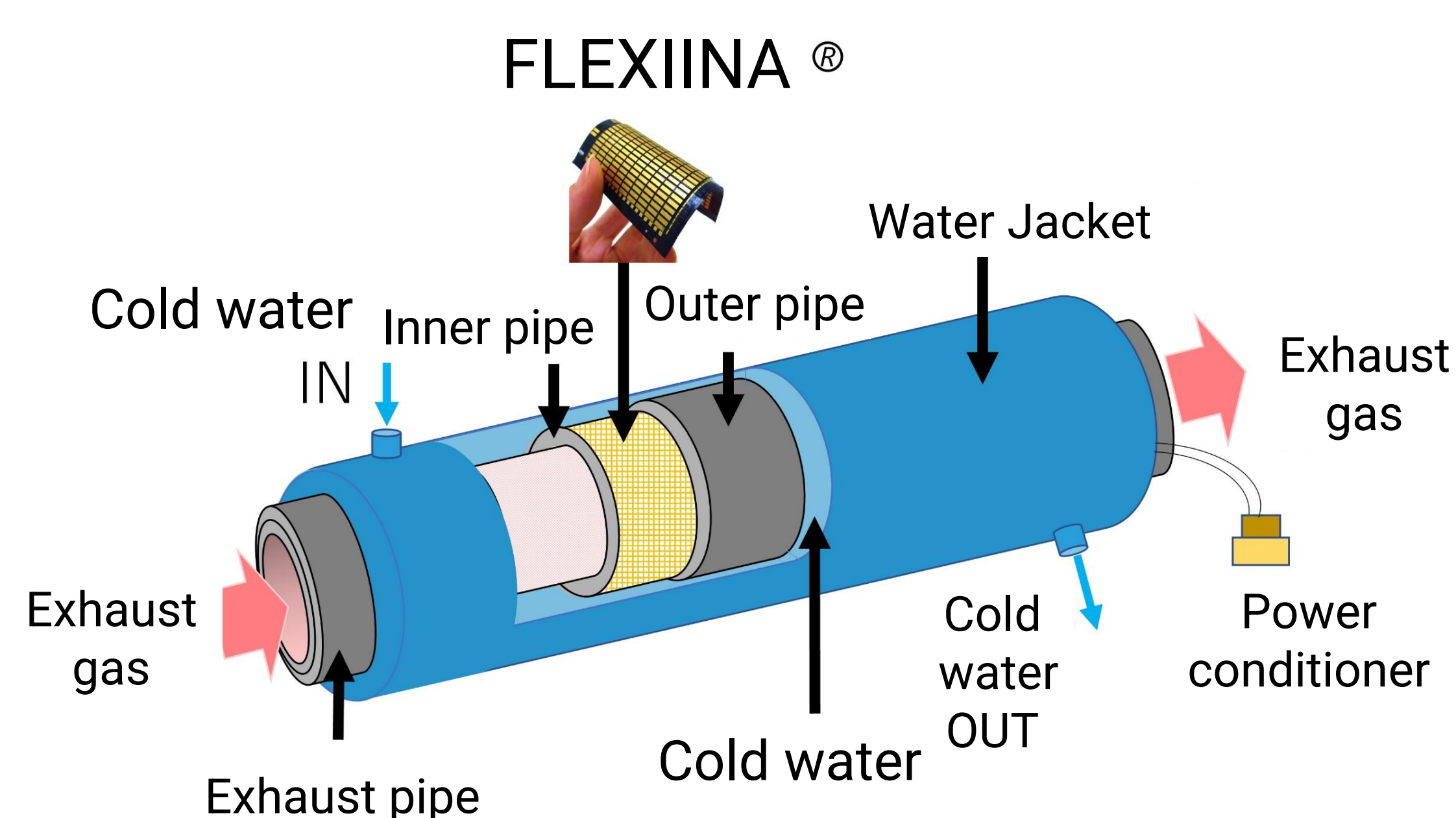


**High-Efficiency Power Generation through Water Cooling**

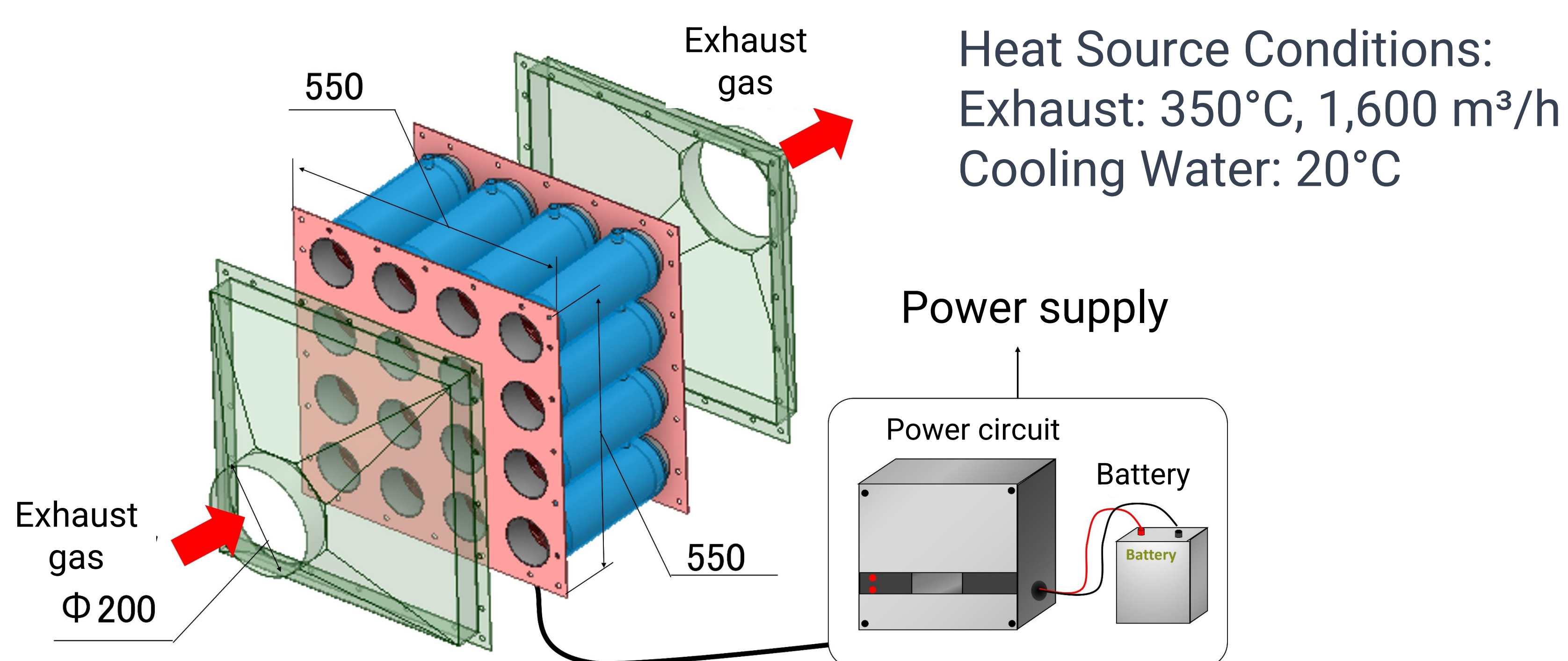
## Stand-alone Energy System with Innovative Heat Collector Core for Energy Efficiency.

### SCHEMATIC DIAGRAM

The 'Heat Collector Core'-Equipped Thermo-Electric Power Tube

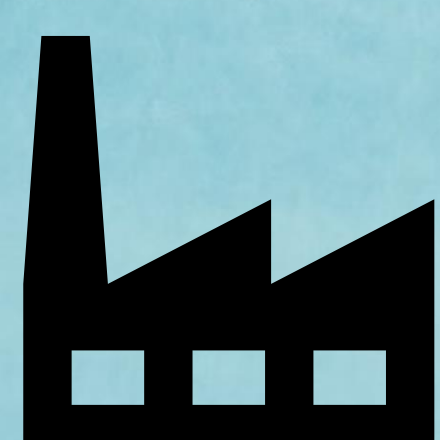


A Power Generation System(1.5 kW) with Parallel connected ' Thermo-Electric Power Tubes'.

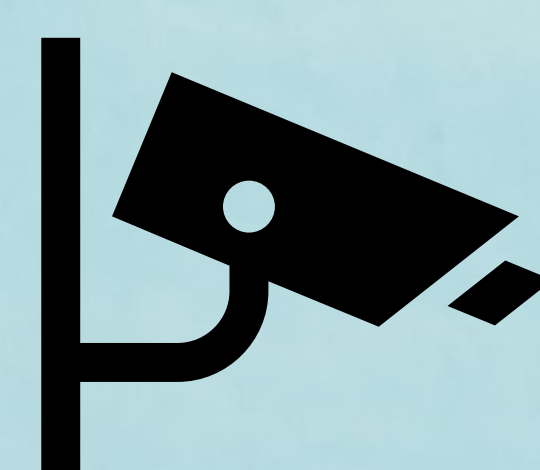


Unit【mm】

### APPLICATION



**Factory interior lighting**



**Power supply for surveillance camera**



**For charging Batteries**