

Parameter	Electric	External Boiler	Gas
Efficiency	For setups with capacity under three tonnes per shift, electric system is the most efficient.	Steam boilers are more efficient in setups over three tonnes per shift.	If direct gas line is available then system can be hybrid. Dryers & Ironers can have direct gas line but washers shall be electric making the entire system efficient and reliable.
Installation	Plug-n-Play. All machines have in-built electric heaters which makes it extremely convenient for quick installation.	Steam boiler with chimney of a certain height along with diesel tank & water softener plant. Steam piping to all machines with proper insulation is required.	Gas lines to all machines with proper insulation. Dryers & Ironers can run with direct gas but washers to be electric/ steam/ thermic fluid heated.
Emissions	Negligible	Moderate to High	Low
Linen Quality	10/10 in washing 9/10 in Flat-work & Finishing	10/10	10/10
External Fuel Storage	None	Diesel	None In case of LPG, gas cylinders need to be stored.
Maintenance	Only heaters need to be replaced depending on the usage.	Low maintenance of machines but boiler needs continuous monitoring & maintenance.	Gas burners in dryers & ironers to be cleaned and overhauled after every six months.
Risk Factor	Negligible	Low to Moderate	Low; Moderate in case of LPG