WATER HEATER COMPARISON

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| Usage for  family of five  PER YEAR | **5.5 Kw RETHINK**  **Shower** | **5 Kw Gezer Shower**  **Regular** | **2 Kw Gezer Bath with bucket & mug** |
| Life span | **20 years** | **8 years** | **8 years** |
| Water usage liters per year | **18.25 KL** | **109.5 KL** | **27.37 KL** |
| Water usage liters 20 year (\*ref excel sheet) | **365 KL** | **2190 KL** | **547.5 KL** |
| Power usage units per year | **< 216** | **> 956** | **> 383** |
| Recurring cost | **Low** | **High** | **Medium** |
| Real time water usage data | **Yes** | **No** | **No** |
| Real time power usage data | **Yes** | **No** | **No** |
| Hot & Cold water mixer | **NA** | **Required** | **Manual** |
| Ease of Use | **Yes** | **Medium** | **No** |
| Cleaning efficiency | **Very High** | **Medium** | **No** |
| Water flow control | **Infinite** | **Medium** | **No** |
| Size | **Compact** | **Big** | **Medium** |
| Temperature control | **As desired** | **Medium** | **Variable** |
| Time required for heating desired temperature | **Instant** | **30 Min** | **30 Min** |
| Cold water sandwich | **No** | **Yes** | **Manual** |
| Scaling (\*ref Hard water solution) | **No** | **Yes** | **Yes** |
| Shower head clogging (Blockage) | **No** | **Yes** | **NA** |
| Scope for scalding | **No** | **Medium** | **High** |
| Filter for removal of solids | **Yes** | **No** | **No** |
| Pump built in to increase pressure | **Yes** | **No** | **No** |
| Pressure control (High Rise Buildings) | **Yes** | **No** | **No** |
| High temperature cut off | **Yes** | **No** | **No** |
| Dry run protection (No water) | **Yes** | **No** | **No** |
| High voltage power shut down | **Yes** | **No** | **No** |
| Safety in case of power leakage | **Yes** | **No** | **No** |
| Water proof | **IP25** | **No** | **No** |
| Modular design DIY (Ease of fitting) | **Yes** | **No** | **No** |
| Eco friendly | **Yes** | **No** | **Medium** |
| Reduction of Carbon footprint | **High** | **No** | **Medium** |
| Error Code High temperature | **Yes (E1)** | **No** | **No** |
| Error Code Electricity leakage | **Yes (E2)** | **No** | **No** |
| Error Code Temperature sensor failure | **Yes (E3)** | **No** | **No** |
| Error Code High Voltage > 265 volts | **Yes (HI)** | **No** | **No** |
| Error Code Low Voltage < 180 Volts | **Yes (LO)** | **No** | **No** |

\*NA = Not applicable \*IP25 = Standards of water proofing \* 1 KL = 1000 Liters

Note: The user is advised to compare the latest developments that happen in the market every day to consider our data depicted in table.