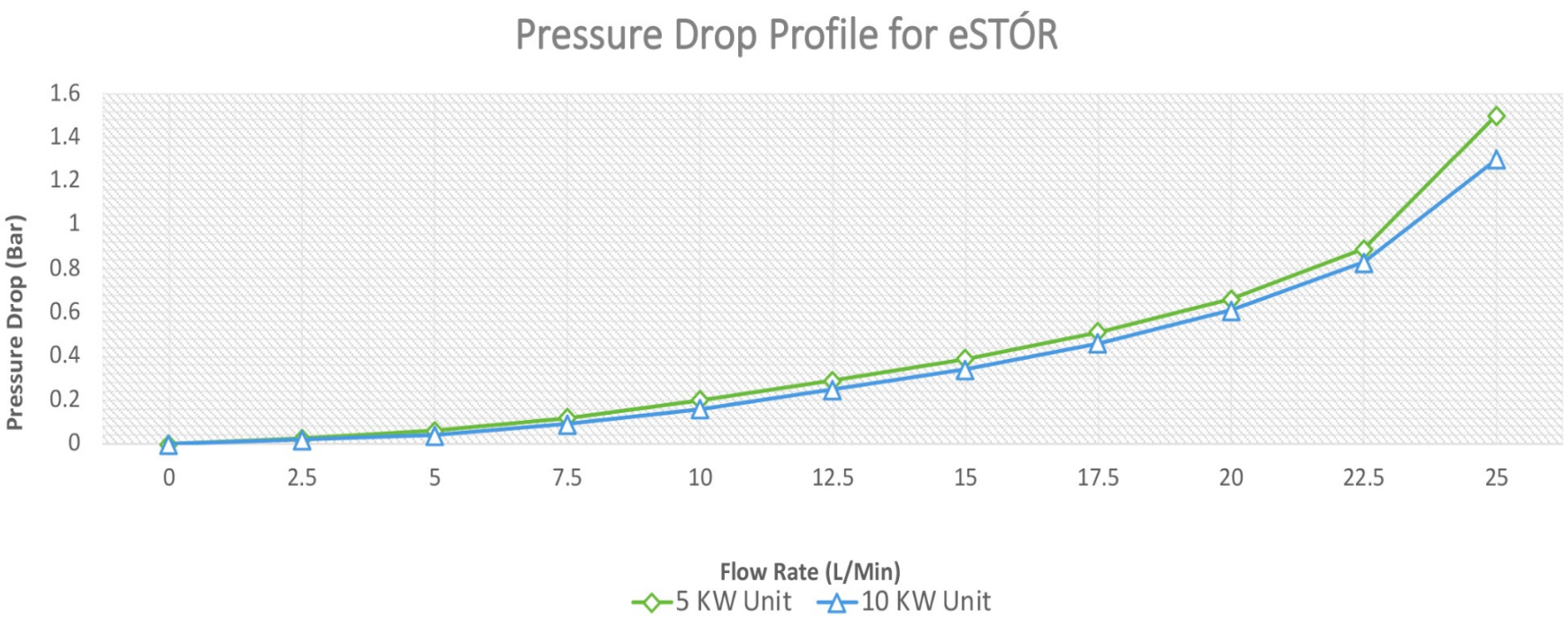
# eSTOR – Hot Water Cylinder Storage
# TECHNICAL DATA SHEET

eSTÓR™
THERMAL ENERGY STORAGE


## FEATURES & BENEFITS:

- Strong Dual Wall High R-Value Containment
- All-Natural Bio-Based High Latent PCM Technology
- Peak Demand Emersion Heat options
- 6, 10, 12, 25, 50 kW Options
- Standby Loss up to 5 Days
- Heat Pump, Boiler & Solar Compatible
- Space Heat Buffering
- Full Scale Integration with Cloud based Forecast Optimizer
- Available in 110 & 220 volt
- Other Options Available



# eSTÓR Hybrid - Thermal Battery
# TECHNICAL DATA SHEET

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| Model | eSTÓR 5 | eSTÓR 10 |
|---|---|---|
| Dimensions [w x d x h] (mm) | 590 x 590 x 762 | 590 x 590 x 915 |
| Weight (kg) | 132 | 249 |
| Max Heat Source Flow Temp (°C) | 80 | 80 |
| Min Heat Source Flow Temp (°C) | 55 | 55 |
| Thermal Storage Capacity @ 55°C (kWh) | 5 | 10 |
| Thermal Storage Capacity @ 75°C (kWh) | 6 | 12 |
| $V_{40}$ - Volume of Hot Water @ 40°C Flow Temp, when charged to 55°C (L) | 145 | 309 |
| Equivalent Cylinder Size (L) | 105 | 225 |
| Water Content - Water Stored in Unit (L) | 1.9 | 3.6 |
| Stanby Heat Loss (kWhr/day) | 0.62 | 0.74 |
| Hot Water Outlet Range (°C) | 40 - 55 | 40 - 55 |
| Recommended Flow Rate Range (L/Min) | 2 -15 | 2 -15 |
| Max Working Pressure (Bar) | 10 | 10 |
| Min Mains Supply Pressure (Bar) | 1.5 | 1.5 |
| Connected Electrical Load @ 230V, 50Hz (W) | 2,800 | 2,800 |
| Power Supply | 1PH ~ 230V | 1PH ~ 230V |
| Pipe Connection Sizes [OD] (mm) | 22 | 22 |

## CONTACT US

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