POST INSTALLATION REPORT

Site1 & Site2

Initial Soft Drinks Performance Report
24th Nov – 13th Dec 2021

	Site 1	Site 2
Equipment Room Temp (degC)	17.6	16.2
Ice Bath Temperature (degC)	0.01	3.6
Water Flow TO Tower (degC)	2.6	10.9
Water Flow FROM Tower (degC)	1.96	11.3
Average Daily Power Use (Kw/h)	19	22
Average Daily water flow through Coarse Filter (Litres)	842	1490
Average Daily water flow through DP Filter (Litres)	713	1248

Benchmarks

- *Drinks per hour: Average no of 400ml drinks poured per hour across all test restaurants - 75
- Power efficiency: Most efficient Multiplex 44 Icecore averages around 29 Kw/h per day
- Water: Average soft drink water usage across all test restaurants is 720 litres per day
- Equipment Room: Company acceptable standard is 25°C

Commentary

Site 1 (Multiplex 44)

The entire system performs well & drinks are regularly dispensed at circa. 2°C. Power usage at 22Kw/h is as efficient as we have seen.

Site 2 (Apexx 6)

Everyday at 1pm the Apexx's ice bath increases to around 7°C and doesn't drop until 11pm. For 12 hours (at peak times) soft drinks are arriving at the ABS tower at around 10°C. This is putting extra strain on the ice maker/cold plate to dispense quality drinks. The Apexx cooling system is not working efficiently & is only using around 19 Kwh per day suggesting the fridge isn't operating properly - highlighted when the Appex is under pressure (ie. peak times of day). From 1pm thru 11pm the power use increases by 700% from 0.3 Kwh to 2.5 Kwh per hour. A check by a refrigeration engineer is recommended

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