

**OCTAGON DEVELOPMENTS**

**OVERBYE – LAUNDRY COOLING**

**Equipment:-**

1 No. commercial washing machine

Load capacity 8kg

Electric heater rating 8KW 3ph

Heat dissipation to room 0.83KW

1 No. commercial dryer

Load capacity 8kg

Electric heater rating 8.5KW 3ph

Heat dissipation to room 0.45KW

2 No. domestic type irons (4KW x 0.6 diversity factor) 2.40KW

**Lighting:-**

Allow for enhanced level of lighting 0.4KW

**Casual Gains**

Allow for maximum 3 people working in Laundry 0.3KW

**Fresh Air**

Required to offset volume extracted via dryer 0.72KW

**Total sensible heat gain** 5.10KW