

## Muffin Group

### ELECTRIC WATER HEATER CAPACITY CALCULATION SHEET

PROJECT :	DILLI STREAT	REV	DATE	
LOCATION :	DELHI	R0	9-Jan-2024	
WATER HEATER TAG NO :	WH-01	STATUS	CALCULATED BY	CHECKED BY
BUILDING TYPE :	F&B OUTLET	TENDER	HS	RR

SL NO:	EQP TAG NO :	FIXTURE SELECTION	QTY	UNIT DEMAND	TOTAL DEMAND
				GPH	GPH
1	DW-02	DEEP SINK	1	20	20
2					0
3					0
4					0
5					0
6					0
7					0
8					0
9					0
10					0

TOTAL DEMAND (GPH) 20

TOTAL DEMAND (LPH) 76

SELECTED DEMAND FACTOR 0.25

PROBABLE DEMAND 5 GPH

*( PROBABLE DEMAND = TOTAL DEMAND X DEMAND FACTOR )*

STORAGE CAPACITY FACTOR 0.8

CALCULATED STORAGE CAPACITY 4 Gal

*( STORAGE CAPACITY = PROBABLE DEMAND X STORAGE CAPACITY FACTOR )*

15 Liters

PERCENTAGE OF SAFETY FACTOR 5%

CORRECTED STORAGE CAPACITY 4 Gal

16 Liters

**SELECTED STORAGE CAPACITY 30 LITERS**

Heating Capacity (Calculated Read Only Value) 1 kW

**Abbreviation**

EQP - Equipment, QTY - Quantity, GPH - Gallons per Hour, LPH - Liters per Hour, Gal - Gallons, kW - KiloWatts.

Notes:



## Muffin Design Solutions