

Utility for Standard Brewery Based CO₂ Recovery Plant

Capacity 50 & 75 kg/hr

Power Total Connected	17 KWH
Cooling water Evaporation Loss {@ 32 °C (2.5 – 3.0 kg/cm ² (g) & 15m ³ /hr}	0.75 m ³ /hr
Make-Up Water for CO ₂ Scrubber	0.2m ³ /hr

Capacity 150 kg/hr

Power Total Connected	32 KWH
Cooling water Evaporation Loss {@ 32 °C (2.5 – 3.0 kg/cm ² (g) & 20m ³ /hr}	2.5 m ³ /hr
Make-Up Water for CO ₂ Scrubber	0.7 m ³ /hr

Capacity 200 kg/hr

Power Total Connected	49 KWH
Cooling water Evaporation Loss {@ 32 °C (2.5 – 3.0 kg/cm ² (g) & 25m ³ /hr}	3.1 m ³ /hr
Make-Up Water for CO ₂ Scrubber	1.0 m ³ /hr

Capacity 400 kg/hr

Power Total Connected	115 KWH
Cooling water Evaporation Loss {@ 32 °C (2.5 – 3.0 kg/cm ² (g) & 35m ³ /hr}	4.7 m ³ /hr
Make-Up Water for CO ₂ Scrubber	1.5 m ³ /hr

Utility for Distillery Based CO₂ Recovery Plant

Capacity 15TPD

Power Total Connected	152 KWH
Chemicals (K ₂ MnO ₄)	0.23 kg/hr
Cooling water Evaporation Loss {@ 32 °C (2.5 – 3.0 kg/cm ² (g) & 80 m ³ /hr}	4.2 m ³ /hr
Make-Up Water for CO ₂ Scrubber	1.9 m ³ /hr

Capacity 36TPD

Power Total Connected	329 KWH
Chemicals (K ₂ MnO ₄)	0.55 kg/hr
Cooling water Evaporation Loss {@ 32 °C (2.5 – 3.0 kg/cm ² (g) & 180 m ³ /hr}	9.0 m ³ /hr
Make-Up Water for CO ₂ Scrubber	5.0 m ³ /hr

Note: Steam @ 7–8 bar(g) at a temperature of 170-180°C will be required @ 350 kg/hr for 10-12 hours, 2 times a week for regeneration of Activated carbon in CO₂ Dual Tower Deodorizer.

