

**Building Type**

Restaurant &amp; Recreation Club - Hospitality

**Size**1500 m<sup>2</sup>**Estimated Cost**

Not Available

**Project Highlights**

- 550 kW Cooling Load
- 5 nos. Package Units
- 2 nos. FAHU's with respective Condensing Units.
- 6500 L/S Ventilation fresh air with total enthalpy based on energy recovery from general extract.
- 7300 L/S total Kitchen Extract.
- 322 kW TCL.
- ELV System for Voice/Data, CCTV, Background Music, SMATB (Satellite Master Antenna Television Broadcast) with Cat 6 Cable and COAX Cables.
- Water Supply, Gas & Fire Fighting services tapped from existing provisions.
- Drainage services designed with Grease Interceptor directly connected to manholes in existing drainage network.
- CWS, HWS & HWR routed to every fixture as required by Kitchen Consultant.

**Architect / Client**

LXA / Nakheel



The Nakheel development, fully planned for operational requirements, however, had to be located in an existing premise where available "shell & core" provisions were inadequate for the type of facility, as desired by Nakheel and conceived by LXA.

The MEP design was, thus, optimized to the maximum changes in made available provisions via use of innovative engineering including use of short circuit double skin kitchen hoods, demand controlled ventilation based on quantity of hoods operations etc.

