

Cleaning and Maintenance – Extraction

EXTRACT SPECIFICATION

- Area for roof plant: min 6m² with clear and safe access (guardrails, etc) and capable of withstanding a load of 5.0 KN per m².
- Space for 3nr 12/14kW condensing units + 2nr 7kw cold room / freezer room condensing unit within 50m from unit
- Service Riser Duct: 1000 x 1000 riser for routing of the following items to the roof /designated plant area:
 - Fresh air supply ductwork – supply grilles sized to match extract
 - Extract ductwork – 1nr 250 diameter duct
 - Toilet extract ductwork – 1nr 200 diameter

ODOUR ABATEMENT EQUIPMENT

- An odour abatement scheme is proposed to neutralise cooking smells before air is extracted from the unit at roof level.
- Please see the accompanying Proposed M&E plans (prepared by FWP):
 - Proposed Basement HVAC Layout (22329/001 Rev B)
 - Proposed Ground HVAC Layout (22329/002 Rev B)
 - External Rear Louvre Details (22329/003)
 - Plant Room Sections & Rear Louvre Details (22329/004 Rev A)
- The scheme has been designed to accommodate:
- Ability to access and maintain in line with the TR19 Grease cleaning requirements and abseil cleaning requirements
- Access openings for cleaning purposes are required at a maximum of 2 metre centres and/or at each change of direction to enable head and shoulder access
- Minimum size for access panels is to be 600 x 400mm at the top and bottom of the extract run and then the maximum size available throughout the ductwork

ONGOING MAINTENANCE

- A maintenance contractor will be appointed to manage specialist cleaning on an ongoing basis.
- The maintenance contractor will visit every 6-8 weeks to complete routine cleaning works on the duct work and canopy. At each visit the contractor will assess whether the frequency of equipment replacement / cleaning is appropriate or should be revisited.
- The maintenance contractor will visit every six months to service the filters. At each visit the contractor will assess whether the frequency of equipment replacement / cleaning is appropriate or should be revisited.
- Following the completion of these visits, the cleaning engineers will issue a pre and post clean report for record, which are to include Wet Film Thickness Tests, demonstrating the effectiveness of the cleaning procedure.
- Accessible equipment will be hand cleaned, access hatches are provided every 2m to allow suitable access.

- The vertical ducting will be cleaned by abseil every 12 months. Due to the position of the filters and ESP, the air entering the vertical duct will be clean and the cleaning schedule reflects this.
- Baffle filters and the canopy will be cleaned daily by staff.