

# AMC Montreal Forum • Montreal, Quebec



**OWNER:** AMC Theatres of Canada

**DEVELOPER:** Canderel and Simon Property Group

**DESIGN TEAM: Mechanical & Electrical Consultants**  
MCW Consultants Ltd.

**Architect**  
Young + Wright Architects Inc.

## SYSTEMS DESCRIPTION

### Mechanical

HVAC systems are standard packaged cooling rooftop units (RTUs) with gas fired furnaces for primary heating and cooling of all spaces. Two RTUs are connected in parallel to each theatre for redundancy. Fan powered parallel flow boxes with electric heating coils are provided for conditioned areas where both heating and cooling is required. All duct risers are constructed to medium pressure for this 6 storey building. The design sound level in auditoriums is NC-25. Supply fans are controlled by variable frequency drives. Exhaust fans maintain a positive pressure differential between the space and outdoors by the use of discharge dampers.



## PROJECT DESCRIPTION

AMC Cinemas 22 is situated in the historic Montreal Forum building, in the heart of the city. This famous Canadian landmark was built in 1924 and has been totally rebuilt to accommodate 300,000 sq. ft. of retail, restaurants and entertainment facilities. AMC Cinemas 22, the seventh facility built in Canada, is the largest tenant. The theatres are situated on three levels, some 232 feet from the lowest to highest points. Patrons move through the building on 3 high speed escalators, capable of handling 10,000 people per hour. The AMC theatres represent "state of the art" for service, amenities and quality of representation.