

THE OPERATING AMPHETHEATRE—HOTEL DIEU HOSPITAL.

THE completion of the new operating Amphitheatre in connection with the Hotel Dieu Hospital, Kingston, brings to the assistance of the Surgeons of that institution all that modern science can give in the prosecution of their work.

The greatest care has been exercised in the selection of the most suitable materials of construction, and in securing the latest plumbing devices to meet the exacting demands of a building of this character, and the result is the new operating room is a model of what is best and most modern. The arena floor is of cast glass which was chosen for its non-absorbent properties, and will have an outlet in the centre to carry off water when being hosed out after an operation. The arena wall is of cement started on a score of expanded metal and faced with procelain glass tile, the side walls are also faced up with tile to a height of four feet. Where walls and floor meet is a coved tile doing away with angles where dirt might lodge; all angles in plaster work are rounded in similar manner. The arena is lighted by large windows in the Johnston street side glazed with ribbed glass and a sky light on roof over the operating table. Below the skylight is a ceiling screen glazed with radiant glass; this glass is made especially to give a brilliant diffusion of light. The arena is provided with five basins and a slop sink supplied with hot and cold water and in such manner that the faucets need not be touched by the hands in drawing water, by reason of a distinctly modern device. Each basin has a set of three pedal valves at floor; a pressure of the foot on the different valves will give either hot or cold water or empty the basin. Hot water is furnished to basins through an automatic gas heater, a simple pressure of the foot on the hot water valve will turn on the gas and give a flow of hot water in a few seconds and in unlimited quantity. Adjoining the arena are six service rooms consisting of etherizing, sterilizing, recovery and instrument rooms, the floors of which are double with top floor of polished maple; mineral wool is placed between the two floors to deaden sound. The window jambs and stools are finished in cement with rounded corners and the interior wood