THE TECH.

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VENTILATING SYSTEMS

(Continued from page 1.)

be very efficient. This is shown by the fact that tests made in room 6, the lec- ture room, have shown that there is a stagnant spot in the center of the room where the air does not move. Conditions are not as bad in the other rooms of the building.

Ventilation in the Union lounge room is poor. The ventilators and the windows inadequate or poorly operated. It is no fault of the ingenuity of the engineers to see the large room filled with layers of smoke to which there is not the slightest perceptible motion and conditions are peculiarly trying when the room is crowded as it is at the Friday evening lectures.

It is interesting to note what different members of the faculty and instructing staffs think about the ventilation in the Institute buildings. One professor said, "Unspeakably vile!" Another frequently assures his classes that 25 Walker is the most ventilated room in the opinion of Mrs. Ellen H. Richards, an employer in air supply and ventilation is worthy of consideration.

The ventilation of Walker building as regards the circulation of air is quite good considering the extra work which has been required to do on account of recitation rooms having been transformed into chemical labora- tories, and the percentage of carbon dioxide present is not large. The heat emanating from the bodies of 300 men is sufficient to raise the temperature of a room the size of 25-Walker about 1.5 degrees in 15 hours, and it is the heat which causes the oppressive- ness which one experiences in the room. Room 25 was nearly as crowded as the others which has been stated as a remedy. The man, which one whose duty is to inspect the air and heat condi- tions in all the rooms once an hour.

A man was employed in Walker building a year ago for the purpose but he had no authority to make changes and later the position was abolished.

"Another cause of poor ventilation," said Mrs. Richards, "especially in Rogers building, is the utter ignorance of the instructor in charge of the ele- mentary principles of ventilation. Most instructors do not think it necessary to keep them to keep the class-rooms plentifully supplied with air. Most of the class-rooms are ever crowded every hour in the day, it should be the duty of every man in charge of a lecture or recitation room to see that proper air circulation, either by ventilators or windows is secured at all times. Most people are over timid about opening windows. A heat element could be eliminated if we could send a stream of air strong enough to blow a paper off a table through the lecture room. But this would meet with still stronger opposition among the student and instructing staff."

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You better get out in-morrow in that cross-country handigrap at W. Roxbury and run off some of that excess of turkey which you stuffed into yourself yesterday. Train leaves Back Bay Sta- tion at 8:30 A. M. Give the instructors a show and it will be good for the students and for you.

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