

Mr. Grant,—

60 to 65 degrees.

Mr. Herring,—

The higher the temperature, the greater the volume you have to move?

Mr. Grant,—

Yes.

Mr. Jefferis,—

I suppose the cost of maintenance is not very great after the apparatus is installed?

Mr. Grant,—

Not for ordinary ventilation; of course it all depends on the apparatus employed.

At a whitewear factory in the city, the manager sent me to put in a ventilating system. He had a little exhaust fan installed in the roof, which, of course, gave him no relief. The work room was very hot, and the work people all complaining, the manager said that something had got to be done. I fixed up a fan temporarily to blow air into the room, then I asked him how he was going to do in the winter as they would not be able to stand the cold air from the window blowing directly into the room. A temporary heater was made, and when winter came on I put in a system of pipes which successfully ventilated the room.

Shortly after this gentleman built a new plant, and asked me to figure on the ventilating system, and I found he would require about 30,000 feet of air per minute, but when I told him that it would take about 25 h.p. to run the plant, he would not stand for it, and I increased the size of the fan, enabling me to run it slower, which brought it down to about 5 h.p.

Mr. Jefferis,—

I understood you to say that it would cost about \$1,000 a floor to install this system. The natural conclusion that comes to the mind of the man who goes to this expense is, What is the increased output going to be? If he has several floors at \$1,000 per floor, adding to that the cost of maintenance, he would naturally want to know what return he was going to get for the outlay.