

### **Creating ice on a proscenium stage:**

The ice engineers use a heavy-duty liner to insulate the underlying stage so as to protect the original flooring.

To create the ice rink they install piping and a frame according to the available space on the proscenium stage.

Spacing of the piping inside the frame is important to evenly freeze the rink.

The pipes connect to the header pipe, which connects to a mixture of antifreeze and water in the chiller. The fluid in the pipes is kept at a temperature of negative fifteen degrees.

When the pipes frost over, the engineers spread tons of crushed ice or ice cubes over the piping, which starts the ice making process.

Overnight and the next day the engineers spray water over the ice cubes about every fifteen minutes until the ice becomes a flat surface of about two inches in thickness.

Finally before the show, the ice is smoothed over for a flawless surface for the performers to skate on.