

Ventilation Requirements:

The following guidelines are to be followed to maintain acceptable elevator equipment room temperatures:

1. Machine room temperature must be maintained between 55 and 90 degrees Fahrenheit.
2. A vented door should be avoided. Air removal should be done by ducting the air from the room to the outside if possible. A forced removal of the air to another part of the building or building exterior is needed to keep an air exchange through the equipment room. Intake and exhaust vents should not be located next to each other. This arrangement is highly advantageous since it also keeps the room cooler (e.g. 70 degrees Fahrenheit), which benefits the operation of the power unit and reduces the likelihood of overheating.
3. Minimum machine room ventilation requirements for hydraulic elevators:

Rated HP	BTU/Hr.	CFM*
15	3740	190
20	4740	240
25	5740	290
30	6740	350
40	8740	450
50	10740	550

* Minimum air at 70 degrees Fahrenheit to be moved in and out of the machine room.