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## FCC #11 Fan Coil FAQ Sheet

### What is a fan coil?

A fan coil is the unit behind the grilles in your suite that blows hot or cold air to provide you with comfort. It produces hot or cold air by blowing air over a coil filled with hot or chilled water.

### Why is there no air conditioning during the winter?

The building has a “2-pipe” heating & cooling system. This means there is only (1) supply pipe (brings hot or chilled water) & (1) return pipe (sends the used water back to the boiler or chiller to be warmed/cooled) to the fan coil and those pipes can only hold hot water OR cold water, not both. The entire building must be in either cooling mode or heating mode to decide whether those pipes contain hot or cold water. The system **cannot** provide heating & cooling at the same time.

### Why is there no heating during the summer?

For the same reasons provided above. The system **cannot** provide heating & cooling at the same time.

### Can I install a different thermostat?

The fan coil units have an internal circuit board that is made to work only with the thermostats provided. To use a different thermostat, significant rewiring & expense would be incurred. In general, you **cannot** use a different thermostat.

### Why doesn't my fan speed adjust?

While these fan coil units can be purchased with the ability to have multiple fan speeds, which is why the option for fan speed is on the thermostat, the units installed in this building do not have that option. The fan speed **cannot** be adjusted.

### When do my filters get changed?

Filter changes occur twice a year, at the start of cooling season in the spring, and at the start of heating season in the fall. Filters may also be changed if the resident fails to follow directions on how to protect your fan coil from dust & debris during construction.

### Can I place furniture in front of the air grilles/access panels?

Any furniture placed in front of the grilles/access panels must still allow air to flow past and be easily moved for service. The resident will be required to move the furniture for servicing.

### Can I paint over my grilles?

No, this is **not** permitted. When access to the unit is required, the paint may crack or peel when the access panel is removed. It is best to leave them unpainted.

### Can I operate my system with the patio door open for fresh air?

No, this is **not** permitted. Doing so consumes extra energy, raising costs for you and the rest of the residents, as well as allowing dust & debris to be sucked into your fan coil unit.

### Why is there a delay when I adjust my thermostat?

Some of the thermostats in this building come with an internal delay when setpoint adjustments are made. In addition, the valves that let hot or chilled water flow through the unit take time to open. When adjusting the unit setpoint, walk away and if it is not operating after 30 minutes, contact your building superintendent.

### How do I adjust my thermostat?

There are (4) different thermostats in this building. Generally, the thermostat has 4 buttons. The (2) arrow buttons change the setpoint (the temperature) up or down. Please note, some thermostats will show your setpoint change, then revert to showing the current room temperature after a few seconds. The setpoint has still been changed. The mode button switches the thermostat from Heat mode to Cool mode or vice versa. Remember, your fan coil cannot provide heat if the rest of the building is in cooling mode and it cannot provide cooling if the rest of the building is in heating mode. The fan button does **not** control fan speed, as previously discussed. For the more advanced programmable thermostats installed in some suites, an electronic copy of the user manual is available upon an emailed request to the building superintendent.