

China Town Multifamily Home Gets Maximum Comfort with Ductless

Multi-family homes like this one in Philadelphia are common. They were built well before central heat and air were common place, and while most have pretty good heating systems, they can be costly and labor intensive switching from a chiller to a boiler every season. They gave us a call here at R & R, looking for the best option that would keep them comfortable without costing an arm and a leg to install or run.

Problem: Chiller and boiler: With this type of system, the central plant can provide the units with either heating or cooling but not both at the same time. In winter, the water in the pipes serving the coils is heated by the boilers; in summer, it is cooled by the chiller and cooling tower. Changing over between these is a costly exercise and takes some time.

Solution: Two - Four zones of Mitsubishi Hyperheat systems in each apartment will keep every room cool in summer and comfortable all year long while saving money on energy bills. The building owner was very happy with their choice.

The Building Manager knew he needed a flexible system to meet the multiple demands of their tenants. They weren't keeping up with the heat during the summer and they had to manage the change of seasons with the equipment. There had to be a better way. When they called us, we knew right away from our experience in all parts of the Greater Philadelphia area that multifamily homes like this one need a solution that provides the right amount of comfort, but also works with the challenges of older city buildings.

Mitsubishi Hyper-heating systems are perfect for apartments like this one where there's no central ductwork. These systems have an outdoor unit that then connects to indoor units, which are mounted up on the wall, out of the way. Each unit can be controlled independently, creating a separate zone of



comfort wherever they are located. One outdoor unit can service up to 8 indoor units, which makes them often a cost-effect and potentially expandable system at a later date, very different from traditional whole home air conditioning systems.

A compact zoning system worked well for a space so tight with surrounding buildings. These units fit perfectly in the alleyway and can be put up high to avoid any thru traffic. Once the building owner recognized how easy it was to install, they were eager to provide their tenants with comfort and convenience which is a real selling point.

These Mitsubishi ductless units are designed to monitor both the temperature and the humidity in a room, and distribute the cool air evenly throughout the space, avoiding those hot and cold spots you get with a traditional air conditioner alone. Each one is controlled by a remote, and can be adjusted independently, meaning you can keep the kitchen cooler when you're cooking, but turn off the unit in the bedroom when not in use, which can save you significant money in energy costs every month.

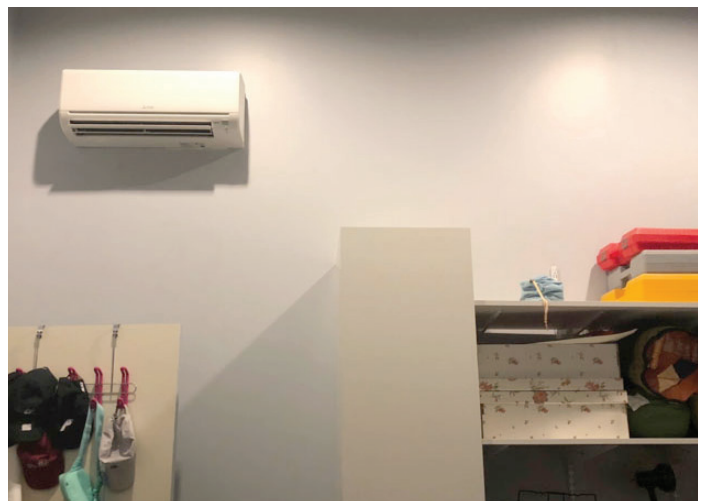
One of the best features of Mitsubishi ductless heat pumps for the Philadelphia area is that they also can act as heaters, providing just the touch of heat you need in a room, without cranking up the heat in the rest of the house. They work efficiently even when it's -13F outside.

Just imagine waking up in the morning, and you feel a chill in the air. You can just reach over to the bed stand, pick up the remote and adjust the temperature, and in a few minutes- no more chilly floor, and no more dashing around to get dressed in the morning, to fight off the cold before going down to warmer parts of the house.

Likewise in the summer, if you wake up at night and you're just a little hot, a simple adjustment with the Mitsubishi remote, and you'll be back to a peaceful night's sleep in no time. Best of all, these units are super quiet – we've even had people install them in their music rooms where they do recording, because they are so quiet to run, and you can barely hear them turn on!

The real benefit to Mitsubishi ductless is how energy efficient they are. The units use inverter technology to use just the amount of energy they need to maintain consistent comfort and no more- comparable to high-end whole home HVAC systems. These Mitsubishi ductless systems qualify for rebates from the government because of their high efficiency ratings, and our family here in Philadelphia was able to qualify for a PECO rebate to help bring down the cost of installation, helping to make this an even more affordable permanent cooling solution for their home.

Multifamily homes like this one require great customized solutions like we provided for these Chinatown homeowners, allowing them to get the comfort they want, right where they need it. And because of our extensive experience with Mitsubishi



ductless here in Philadelphia, we are ELITE Diamond Contractors, which allows us to provide a full 12 year warranty on the systems, giving our homeowners peace of mind along with their significant increase in comfort!

If you live in the Philadelphia area and are wondering how you could increase your efficiency and meet the needs year round for your tenants, give us a call here at R & R. We'd be happy to see how we could help you be more comfortable all year long, while saving you money each month on your energy bills – that's something every homeowner can appreciate!

Call our Office Manager Rosa Hernandez today!

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