

Aqua-Air Power Unit Electrical, Drainage, and Water Installation Requirements for the Aqua-Air Wet/Dry Total Cleaning System

Requirements for the model 130, 150, and 158 Power Units (One Motor Units)

Electrical Requirements:

For power unit installation you will need one 10v 20 amp dedicated electrical circuit. It is best to have the dedicated electrical outlet at about 6-7' height and left of where the power unit will hang.

Sanitary Drain Requirement:

Each power unit will need a drain source. You should have the plumber provide a 2" drain source as close to the floor as possible, in or along the wall, directly below where the unit will hang (illustrated in the AA Residential Installation Manual) or the power unit can drain into a mop sink if you prefer, or even into a floor drain if necessary.

Water requirements:

Each power unit will need a cold-water connection for filtration. Your plumber can provide this as a spigot with a garden hose connection or a ball valve with ¼" MIPT to connect the cold water to the hose to the power unit. Two power units in the same room could share one shut off valve (Water spigot, ball valve, etc.)

Each inlet/outlet will have hot water. This can be accomplished with one or more connections as convenient. Generally, the connection will be placed very close to the hot water heater in the mechanical room. A chemical injector can be placed in-line at this point delivering cleaning solution/deodorizer/bacteria digester to each outlet. Handheld sprayer/injectors are available for pre-spraying cleaning solutions where dwell time is required.

Requirements for the model 230, 250, and 258 Power Units (Two Motor Units)

Electrical Requirements:

For power unit installation you will need two 110v 20 amp dedicated electrical circuits. It is best to have the dedicated electrical outlets at about 6-7' height and to the left of where the power unit will hang.

Sanitary Drain Requirement:

Each power unit will need a drain source. You should have the plumber provide a 2" drain source as close to the floor as possible, in or along the wall, directly below where the power unit will hang (illustrated in the AA Residential Installation Manual) or the power unit can drain into a mop sink if you prefer, or even into a floor drain if necessary.

Water Requirements:

Each power unit will need a cold-water connection for filtration. Your plumber can provide this as a spigot with a garden hose connection or a ball valve with a ¼" MIPT to connection the cold water to the hose to the power unit. Two power units in the same room could share one shut off valve (water spigot, ball valve, etc.)

Each inlet/outlet will have hot water. This can be accomplished with one or more connections as convenient. Generally, the connection will be placed very close to the hot water heater in the mechanical room. A chemical injector can be placed in-line at this point delivering cleaning solution/deodorizer/bacteria digester to each outlet. Handheld sprayers/injectors are available for pre-spraying cleaning solutions where dwell time is required.

