



Mounting the controller on the wall:
 Leave a clearance of at least 16" to the left of controller box to allow the cover to be removed for maintenance.

Cable entry:
 Drill holes at the bottom of the enclosure to allow wires to be introduced in the controller. Do not drill the top or side panels of the enclosure.

Fuse Box:
 We recommend installing a fuse box on each stage.

Water Meter: The water meter output should be a dry contact and should not pulse faster than 60 times a second (60Hz).
 A 22/12 AWG gauge cable no longer than 2000 feet (0.6 km) can be used to connect the water meter. Do not use a cable longer than 2000 feet even if a larger cable is used.

Do not run the meter cable outside the building!

Relays 1-10:
 Dry contact
 15 A RES, 50/60 Hz
 120 VAC (1HP), 240VAC (2HP)
 Tungsten (Light Bulb):
 8.3A max at 120VAC

Load Supply:
 120-240VAC, 50-60Hz, 12-24VDC

Backup Thermostats:
 The backup thermostats are shown for illustration purposes only. Sufficient backup thermostats must be used to ensure ventilation if the controller loses power.

Notes:
 1. Installation of a good quality alarm system is strongly suggested to warn of power failures and high/low temperatures.

2. Provide a surge protection (including lightning protection) from the power supply to the controller and from the control to the sensors. Consult a certified electrician if required.

3. Same phases must be used to power the variable fans and the controls on 3 phases power.

Potentiometer's Color Legend

	COMMANDER ACTUATOR	VON WEISE ACTUATOR
1	RED	BLACK
2	BLACK	WHITE
3	WHITE	RED