Division 23 HVAC
Air Handling Units / UV Lamps

23.10a
Air Handling Units
- 16 gauge galvanized steel exterior casing
- 20 gauge galvanized steel interior liner
- 2”, 3# fiberglass interior insulation for the walls and roof UL723 fire and smoke rated
- 2” foam floor insulation on the floor of the unit
- 14 gauge galvanized tubular steel floor base prime & painted or Structural “C” Channel base
- Access doors shall be double wall aluminum or steel with vent lock door latches
- Aluminum exhaust louver
- Aluminum opposed blade dampers for exhaust, return, and outside air
- SWSI direct drive plug type return fan with ODP premium efficiency
- SWSI direct drive plug type supply with airfoil blades
- 200,000 hour L-10 life self aligning pillow block bearings
- Premium Efficiency Inverter Rated Motors
- 2”, 30% efficient pre filters
- 12”, 85% efficient final filters
- Economizer with exhaust, return and outside air low leak dampers
- Marine service lights with multiple switches
- Air flow stations on outside air, return air and supply air
- Smoke and fire detectors
- Electric damper actuators
- Rated NEMA enclosure for VFD
- VFD’s with bypass. Each requires a separate power source. One VFD per motor.
- Differential filter gages
- 16 gage Stainless steel drain pans
- Minimum 0.008 aluminum finned CW and HW Coils with SST casing
- Seismic calculations

UV Lamps
23-10b
- Minimum 1500 hours
- Type: T5
- Remote indicator