Related Sections

Basis Guideline: 230013 – “Air Handling Units”
For an explanation of the use of these guidelines, see “Design Guidelines for UMHHC Facilities”

Included as part of this UMHHC guideline section are the details described within the following UM Master Specification sections:

- MS230900 – “Mechanical Systems Controls”
- MS233400 – “Fans”
- MS234000 – “HVAC Air Cleaning Devices”
- MS237323 – “Custom Air Handling Units”
- MS237324 – “Semi-Custom Air Handling Units”
- MS238216 – “Coils and Drain Pans”

The UM Master Specifications may be used as a reference and/or basis, but the A/E is completely responsible for contract specifications (meeting the intent of the UMHHC Guidelines and Preferred Manufacturers List) that are used in UMHHC projects.

UMH Standard Details:

- D 15820 001 - Hot Water Heating Coil Detail 2-Way Control Valve
- D 15820 002 - Hot Water Heating Coil Detail 3-Way Control Valve
- D 15820 101 - Chilled Water Cooling Coil Detail 3-Way Control Valve
- D 15820 102 - Chilled Water Cooling Coil Detail 2-Way Control Valve
- D 15820 201 - Steam Heating Coil
- D 15830 001 - Draw-Thru Coil Condensate Drain
- D 15830 002 - Blow-Thru Coil Condensate Drain

Air Handling Unit Types

The use of modular units should normally be limited to light-duty use in outpatient clinics.

Custom units shall be used in all inpatient facilities, all applications greater than 20,000 CFM and all intensive outpatient clinic uses (i.e. labs).