



Engineering and Manufacturing
Specialty HVAC Equipment Since 1971

Suite 4 - Healthcare Industry HVAC



Suite 4 HVAC units by Seasons 4, Purpose built for the Healthcare Industry

- **Heating**
- **Cooling**
- **Humidity control**
- **High particulate filtration**
- **Single source solution**
- **Single source responsibility**
- **Shortened supply chain**
- **Reduced installation costs**

A Mechanical room in one cabinet

RURAL OR URBAN, THE DEMANDS ON HEALTHCARE HVAC ARE HIGH!

Features:

- Low dewpoint discharge capability down to 39 degree without desiccant dehumidification
- Tight discharge air control, even with 100% OA, or high percentage outside air units
- Humidification and Dehumidification with electric/gas steam humidifiers and hot gas reheat
- High grade filtration
- Hybrid cooling - Supplements chiller plant with low dewpoint, steady state, DX cooling
- Tonnage ranges down to 5.5 tons
- Direct drive blower(s)
- UV Lights for sterilization
- HEPA Filtration
- DDC controls (LON, N2, Modbus and BacNet compatible), Custom programmed
- Turnkey Package HVAC units
- Pad or roof mounted

OUR VALUE PROPOSITION

Seasons 4, Inc recognizes a need in the healthcare industry. Not all hospitals, clinics, or medical office buildings are alike. As our population ages, the need for healthcare is growing and far reaching. Clinics and medical office buildings are popping up on every corner and in large numbers in rural areas. While they can't afford to have the maintenance staffs of the larger urban type establishments, they still have the same needs for HVAC equipment to provide quality and competitive care. Suite 4 answers their needs by providing a single source solution HVAC unit to provide low dewpoint discharge air for surgical suites, procedure areas, and medical office settings.

A complete mechanical room in one cabinet and from one manufacturer

Never before has there been a package DX piece of equipment purpose built for the healthcare industry until now. The Suite 4 HVAC unit by Seasons 4 combines everything needed to provide makeup and/or conditioned air to an operating room or clinical procedure room.

Target tonnage ranges of 5.5-300 tons

While Seasons 4 manufactures units of larger tonnage, We see a need for smaller tonnage package units equipped specifically for the Healthcare industry. Suite 4 HVAC unit has the ability to cool air to low dewpoints down to 40 degrees, something unheard of with standard package equipment without using desiccant technology. The hardest part of meeting the needs of the healthcare industry in a small rural clinics and settings are the smaller loads and building areas that call for smaller tonnage equipment. Too small for larger, more complex solutions, too small for chiller/boiler plant setup, yet, too demanding for "off the shelf" solutions from mainstream package unit manufacturers. Suite 4 HVAC units by Seasons 4 is the solution for rural healthcare HVAC needs.

Let your building work for you

Mounted on the roof or pad instead of a mechanical room, the Suite 4 HVAC unit lets building owners put their money into revenue generating building space that return profits instead of tying valuable square footage with mechanical rooms that do not add to the bottom line.

Saves you time and money

The all in one design saves both time and money. Sourced from a single source supplier instead of multiple sources, our unit saves on installation costs and project management time.

FEATURES AND OPTIONS TO MEET HEALTHCARE INDUSTRY NEEDS

Perfect for rural area clinics and hospitals where budgets and staffing do not permit complicated chiller and boiler solutions and plants. The Suite 4 HVAC unit is a mechanical room in a box, combining heating, cooling humidity control and filtration in one serviceable cabinet. Controlled via self contained DDC control system, capable of communicating via Bacnet, Lon, N2 or Modbus for campus wide tie-in if needed. Custom control strategies are available to meet your needs. Discharge air control, space pressurization, night setback dampers and economizers, Suite 4 has options to meet your healthcare needs.



HYBRID COOLING option

Do you need low dewpoint, but only have 44 degree water? We can supplement your cooling with DX to give you cooling down to 39 dewpoint. Why run your central plant harder to make 42 degree water when you can save approximately 5% energy and make 45 degree water and supplement with DX cooling.

FACE LOADED HEPA FILTER SECTION FACTORY STANDARD

Each unit is equipped with multi-stage filtration. 2" thru 12" filters in the pre-filter location, 12" HEPA filters located downstream with face loading frames DOP testable. The Suite 4 unit provides filtration to meet the demands of healthcare environments.



HUMIDITY CONTROL YOU CAN COUNT ON With options for Gas to Steam or Electric to Steam self contained humidifiers with short absorption distance grids, the Suite 4 unit is ready to go right from the factory floor.



Desired conditions for operating rooms and clinics can be as low as 60 degrees and 50% RH or lower, which corresponds to discharge temperatures of 42 degrees or lower. Typically these leaving air temperatures are not reliably achievable or maintainable with off the shelf equipment and using desiccant dehumidification just adds to the complexity and complication that unneeded in most rural settings. The Suite 4 unit is equipped with variable speed compressors, allowing the unit to adapt to changing cooling loads while providing lower energy consumption and optimal comfort levels simultaneously. The unit comes with hot gas reheat to handle reheat needs during low load conditions to help maintain space relative humidity levels, but is wired from the factory to use electric or gas heat as reheat if needed. Depending on the cooling load on the equipment there may not be enough hot gas reheat available thus the need to supplement with electric or gas reheat.





What separates us from the rest? Attention to the detail and to the small things that make your unit perform at levels that are unachievable by others.



Suite 4 - Healthcare Industry HVAC

Suite 4: Your cooling, heating, humidity control, and high grade filtration needs all in one cabinet.



Made In USA