

# PARAGON HVAC

CAPTIVEAIRE'S SUPERIOR HVAC SOLUTION

## CASE STUDY APPLICATION

### HOTEL CORRIDOR REPLACEMENT

## PRODUCT SPOTLIGHT

### PARAGON HVAC

CaptiveAire has long served a hotel in the Boston, MA area for kitchen ventilation needs. Recently, when a corridor HVAC unit covering a high profile wing of the hotel failed, CaptiveAire swiftly delivered a crucial HVAC solution: Paragon HVAC.

A third party split system failed in late July, the hottest part of the summer. The hotel faced disgruntled guests, expensive replacement components, costly service, and long lead times. A quick solution was imperative. Initially, the client planned to replace the unit altogether by integrating a CaptiveAire supply heater with a third party cooling package. However, a Paragon unit was proposed and pursued due to premium performance and reliability, simplified design and install (no split system integration), and a rapid lead time.

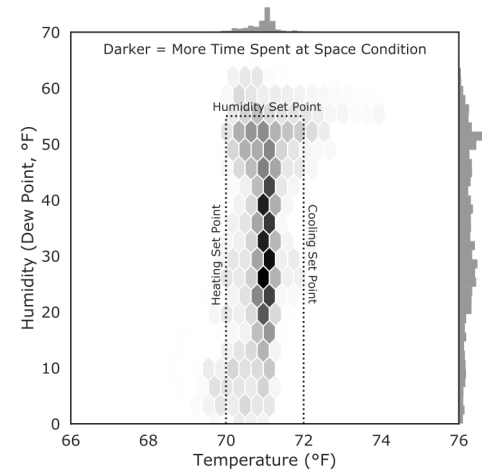
Performance data over three months since commissioning in mid-September reveal a successful outcome. While operating 24/7 at 100% outside air:

- Space temperatures always remained within 1°F of the set points
- Space humidity (dew point temperatures) did not exceed 3°F of the setpoint over 99% of the active cooling period

### Conclusion

The Paragon HVAC solution demonstrated the key components of a CaptiveAire outcome: Premium quality, excellent application engineering, highly effective unit performance, and short lead times.

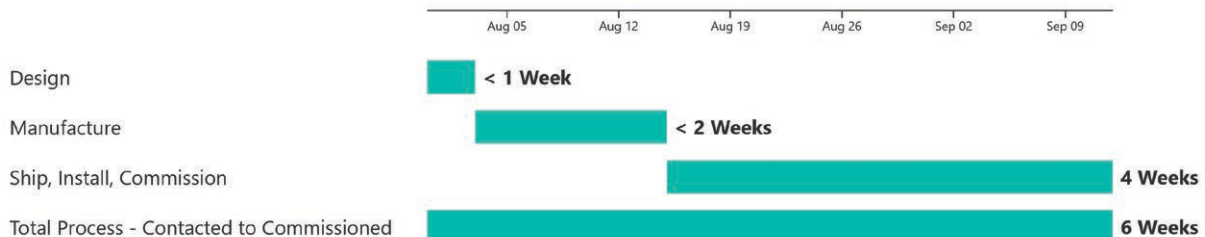
*"Outstanding response of the sales team and factory on delivering new unit in a quick time frame."  
-Hotel Facilities Manager*



Before



After



Paragon HVAC Delivery Timeline