

**Attachment A: Specifications for bid 2017ERB0331 Daikin/McQuay FHP Console Water Source Heat Pump Model # WMHC1009DE.**

The following specifications apply to the consoles:

Daikin/McQuay – Water Source Heat Pump

**Description**

* Model# WMHC1009DE
* Console design
* Slope top water source heat pump w/left hand pipe connections
* Slope top discharge grill enclosure with 3” sub base
* 208/230/1/60 (wired for left hand connection)
* UPM Control Board
* DDC Controls by FHP for JCI BACnet interface
* Unit mounted DDC room sensor Plus for temperature control
* Unit mounted speed switch
* Discharge air temp sensor inside units
* 9000 BTU
* 208/230-1Ø
* R410a
* Electrical compartment (5”Wx2.5”Dx13”H)
* Field mounted sensor
* BACnet compatible
* 20 Amp power cord w/ NEMA plug 6-20P
* ½” FPT fittings on supply and return water connection
* Power box to be a min 4” x 4”
* EER(Energy Efficiency Rating shall be greater than 13.0 at ARI 320 condition- bidders must supply EER information with bid
* COP(Coefficient of Performance) shall be equal to or greater than 4.6 at ARI 320 condition
* Heavy duty steel cabinet with powder coat finish
* 8” back extension painted same as unit powder coat finish
* 5 year compressor warranty (no labor)
* 1 year parts warranty (no labor)

**Excludes: start-up, vibration isolators, control valves, disconnects, piping connection**