

# Submittal Data Sheet

## Single Piece Four Position Air Handlers Standard ECM Model Series: JHET

Job name: _____		Location: _____		
Purchaser: _____		Order number: _____		
Engineer: _____				
Submitted to: _____	For: _____	Ref: _____	Approval: _____	Construction: _____
Submitted by: _____		Date: _____		
Unit designation: _____		Schedule number: _____		Model number: _____

### Product data

#### Cooling performance

Total capacity\* \_\_\_\_\_ MBH  
 Sensible capacity\* \_\_\_\_\_ MBH  
 Temperature of air entering \_\_\_\_\_  
 Indoor coil \_\_\_\_\_ °F (DB/WB)

#### Supply air blower performance

Total supply air \_\_\_\_\_ CFM  
 Total external static pressure \_\_\_\_\_ IWG  
 Blower speed settings \_\_\_\_\_  
 Motor rating \_\_\_\_\_ hp  
 Power input requirement \_\_\_\_\_ kW

#### Electrical data

Power supply \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_  
 Total unit ampacity \_\_\_\_\_ A  
 Minimum wire size \_\_\_\_\_ AWG  
 (copper conductors)  
 Maximum overcurrent device  
 fuses (dual element)  
 circuit breaker (HACR)

#### Unit weight

Total unit weight \_\_\_\_\_ lb  
 (include field-installed accessories)

#### Options

Factory-installed TXV

\*Shown in outdoor unit technical guide

#### Clearances

Front	24 in.
Rear	0 in.*
Sides	0 in.*

\* 0 in. clearance allowed with or without electric heater



### Features

**MaxAlloy™ coil** - long-life aluminum coils built to deliver lasting performance, efficiency, and reliability

**Next generation even-flow distributor** - designed for balanced refrigerant flow and even coil circuit performance

**Next generation high-efficiency blower** - delivers increased airflow and reduced blower watts by 10%, using a standard ECM motor

**Two-stage operation** - provides flexibility in application with single and two-stage outdoor equipment

**Next generation insulation and gasket design** - reduces thermal transmission paths and reduces sweating

**Electric heat kit** - 8HK field-installed series available for easy installation and service application

**Tool-less filter access** - sliding latch design provides quick and easy access

**Designed for easy installation and service** - casing size of 20.5 in., smooth sides, and rigid construction provide ease of attic access and tight applications. Front facing components, slide out blower, laser cut knock outs and integrated duct flanges shorten install time.

**cabinet air leakage** - less than 2% at 1 in. W.C. external static pressure when tested in accordance with ASHRAE Standard 193.

**Long lasting quality** - structural components made of post-powder painted aluminum or galvanized steel to prevent corrosion.

**Thermoset drain pan** - positive slope for drainage to reduce cause for potential mold or contaminants.

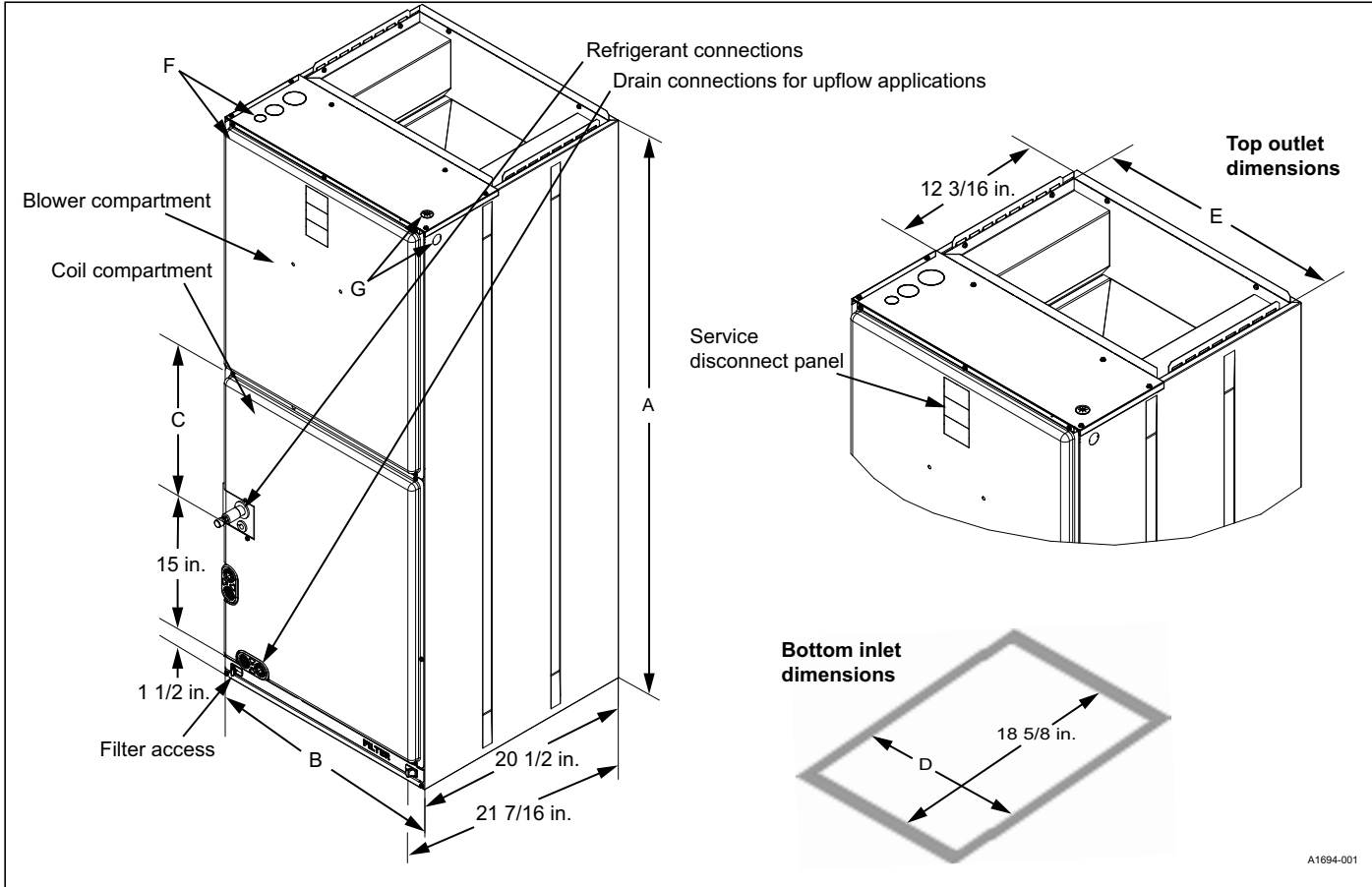
#### Field-installed accessories

- Electric heaters (8HK \_\_\_\_\_)  
 Capacity (at \_\_\_\_\_ V) \_\_\_\_\_ MBH  
 Power input requirement (less blower motor) \_\_\_\_\_ kW
- Thermal expansion / check valve kit (\_\_\_\_\_)
- Combustible floor base (\_\_\_\_\_)
- External filter rack (\_\_\_\_\_)

#### Matched outdoor unit

- Model number (\_\_\_\_\_)
- Submittal part number (\_\_\_\_\_)

## Unit and duct connection dimensions



### Dimensions<sup>1</sup>

Models	Dimensions					Wiring knockouts <sup>2</sup>		Refrigerant connections line size		
	A	B	C	D	E	F	G	Liquid (in.)	Vapor (in.)	
	Height (in.)	Width (in.)	Opening widths (in.)			Power (in.)	Control (in.)			
JHETB18B	47	17 1/2	7 1/2	16 1/2	16 1/2	7/8 (1/2) 1 3/8 (1) 1 23/32 (1 1/4)	7/8 (1/2)	3/8	3/4	
JHETB24C	49 5/8	17 1/2	10	16 1/2	16 1/2					
JHETB30D	49 5/8	17 1/2	10	16 1/2	16 1/2					
JHETB36D	49 5/8	17 1/2	10	16 1/2	16 1/2					
JHETC36D	51	21	11 1/2	20	20			7/8	7/8	7/8
JHETC42F	57	21	17 1/2	20	20					
JHETC48G	61 1/4	21	21 3/4	20	20					
JHETD48G	61 1/4	24 1/2	21 3/4	23 1/2	23 1/2					
JHETC60H	63	21	23 1/2	20	20					
JHETD60H	63	24 1/2	23 1/2	23 1/2	23 1/2					
JHETD60J	61 1/4	24 1/2	21 3/4	23 1/2	23 1/2					

1. All dimensions are in inches.
2. Actual size (conduit size).