THS-50ZLV Low Velocity Air Handler

Job Name		Contractor	
Location		Distributor	
Engineer		Date	
Submitted to		Model	THS-50-ZLV
Schedule ID			

Specification	THS-50-ZLV
Btu Heating @180 F EWT	93.61 kbtu/h
Btu Heating @160 F EWT	76.15 kbtu/h
Btu Heating @140 F EWT	58.83 MBH
Btu Heating @120 F EWT	41.71 MBH
Rated water flow (GPM)	5
Piping connection, Copper (inch)	3/4
CFM @ 0.5” external static pressure	1054
DX Cooling Capacity Ton* (Suggested)	1 - 2
Recommended filter size	16x20
Cabinet Size W x D x H (in)	17x17x34
Supply Air opening W x D (in)	14.5x14.5
Return Air Opening W x D (in)	14x14.25
Supply voltage	115/60/1
Fan motor (hp)	1/2
FLA	6.4
MCA	8.94
MOP	15
Shipping weight (lb)	84
Shipping Dimensions (WxDxH in)	18x19x35

* select motor speed to match condenser requirements

Features:

The **THS-50-ZLV** is a High Efficiency Hydronic Low Velocity Air Handler, Variable Speed ECM, 3 Stages of Airflow for Heating, 2 Stages of Airflow for Cooling, Multi Position Installation, Hydronic Heating and DX Cooling Applications, ECM low speed is only 45% of maximum making for quiet single zone calls or continuous ventilation and filtration, Boiler Contacts, Pump Relay, Easy installation and Servicing, Bottom or Side Return, Compact Size.

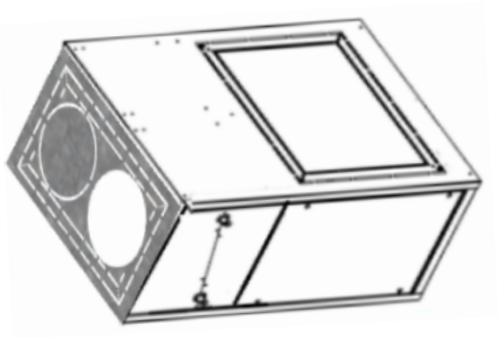
VULCANO

THS-50-ZLV Low Velocity Air Handler

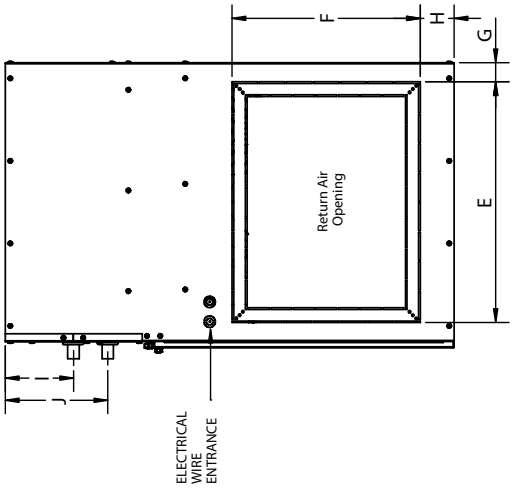
Dimensional Drawing

PHYSICAL DATA (inches)

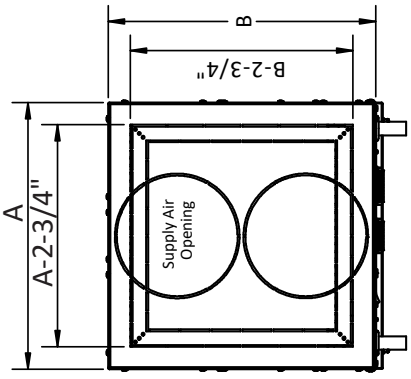
Model	Overall Size W x D x H			Return Air Opening (W x H)				Pipe Distance from top	
	A	B	C	E	F	G	H	I	J
THS-50-ZLV	17	17	34	14	14.25	1.54	2.56	5.15	7.75



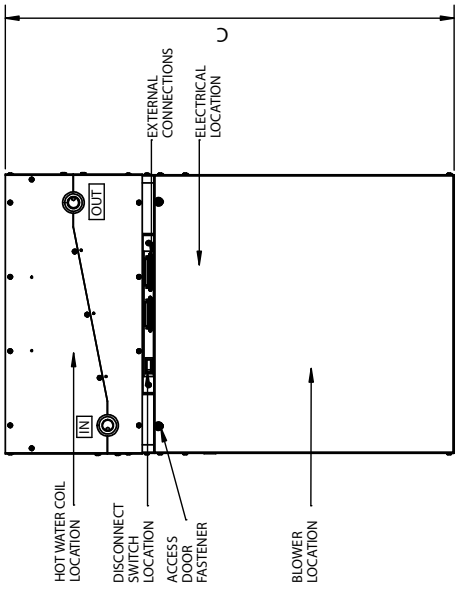
ISOMETRIC VIEW



SIDE VIEW



TOP VIEW



FRONT VIEW