



THS-100-ZHV High Velocity Air Handler

Job Name		Contractor	
Location		Distributor	
Engineer		Date	
Submitted to		Model	THS-100-ZHV
Schedule ID			

Specification	THS-100-ZHV
Btu Heating @180 F EWT	97.5 kbtu/h
Btu Heating @160 F EWT	80 kbtu/h
Btu Heating @140 F EWT	61.5 kbtu/h
Btu Heating @120 F EWT	45 kbtu/h
Rated water flow (GPM)	7
Piping connection, Copper (inch)	3/4
CFM @ 1.5" external static pressure	1221
DX Cooling Capacity Ton* (Suggested)	2.5-3
Recommended filter size	16x24
Cabinet Size W x D x H (in)	21x21x34
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)	3/4
FLA	9.3
MCA	12.56
MOP	15
Shipping weight (lb)	117
Shipping Dimensions (WxDxH in)	22x23x35

* select motor speed to match condenser requirements

Features:

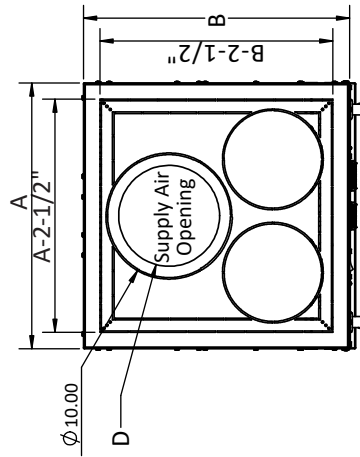
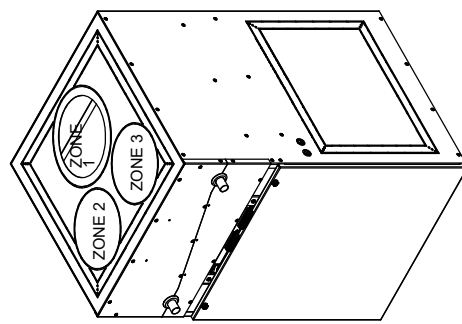
The **THS-100-ZHV** is a High Efficiency Hydronic High Velocity Air Handler, Designed with Radiant High Velocity Duct/Fittings and Radiant Zone Dampers **THS-2ZHV** for 2 Independent Comfort Zones, Variable Speed ECM, 3 Stages of Airflow for Heating, 2 Stages of Airflow for Cooling, Multi Position Installation, 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

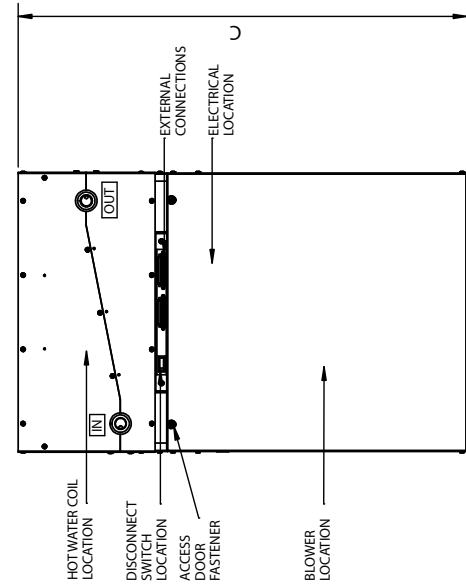
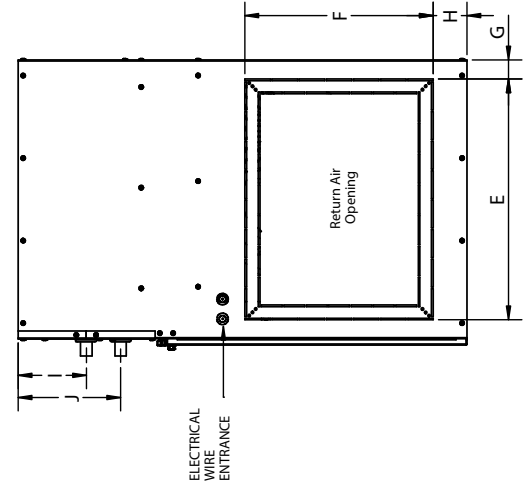
THS-100Z-HV High Velocity Air Handler Dimensional Drawing

PHYSICAL DATA (inches)										
Model	Overall Size W x D x H			Supply Air Opening Dia. Height D	Return Air Opening (W x H)			Pipe Distance from top		
	A	B	C		E	F	G	H	I	J
THS-100-ZHV	21	21	34	zones 1,2&3 = 8*	18.25	14.25	1.41	2.56	5.15	7.75

* If one zone is used on a 100 model a 10" diameter pipe must be installed on the air handler first. Zone 1 = 10"



ISOMETRIC VIEW



FRONT VIEW

SIDE VIEW