



SUBMITTAL DATA SHEET

Job Name:		Contractor:	
Location:		Distributor:	
Engineer:		Date:	
Submitted To:		Model No:	ES90LVS
Schedule ID:			

Ecosmart Air Specifications	ES90LVS
BTUH Heating @ 180°F E.W.T	90,830
BTUH Heating @ 160°F E.W.T	74,090
BTUH Heating @ 140°F E.W.T	57,400
BTUH Heating @ 120°F E.W.T	40,790
Piping Connections Copper (in)	3/4
DX Cooling Capacity (tons)	1.5 - 3.5 *
CFM @ 0.5" E.S.P.	1214
Supply Voltage	120/1/60
GPM Flow Rating	5
Cabinet Size W x D x H (in)	21 x 21 x 29
Supply Air Opening W x D (in)	18.8 x 17.8
Side Return Air Opening W x H (in)	18.3 x 14.3
Recommended Filter Size H x D (in)	16 x 20
Shipping Weight (lb)	95
Shipping Dimensions W x D x H (in)	22 x 24 x 30.5
HP (fan)	1/2
FLA (amps)	8.4
MCA (amps)	10
MOP (amps)	15

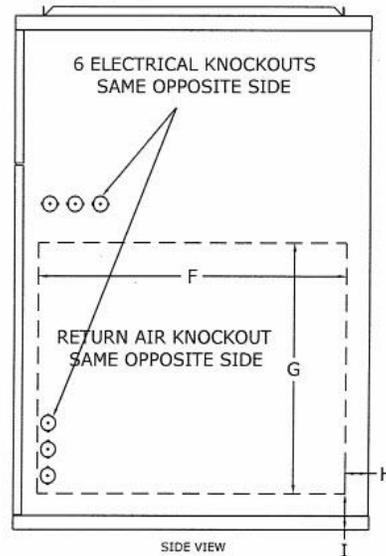
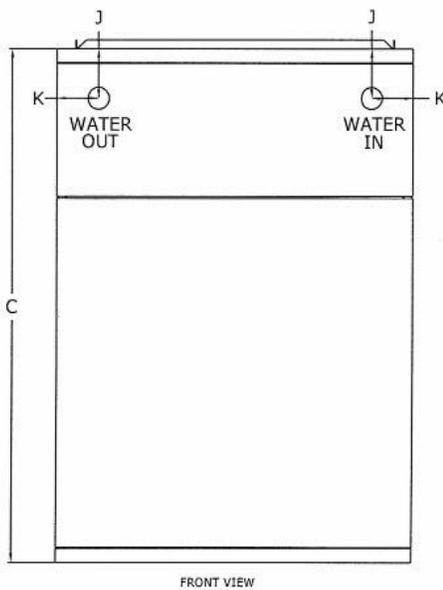
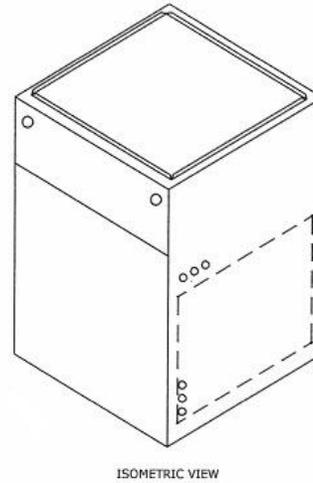
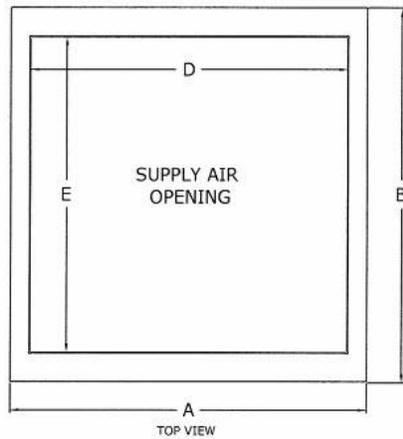
* Adjust cooling CFM to match condenser requirements

Features

High Efficiency Air Handler, 3 Stage or Single Stage Heating, Single or 2 Stage Cooling, Multi Position Installation, Hydronic Heating and DX cooling Applications, Constant Torque ECM, Independent Heating and Cooling CFM Adjustment, Low Continuous Fan, DHW Priority Option, Dry Contacts and Switched 24V, Easy installation and Servicing, Bottom or Side Return, Compact Size, Front or Rear Piping Connections, Comprehensive Warranty.



PHYSICAL DATA - INCHES											
Model	Overall Dimensions			Supply Opening		Side Return				Piping Location	
	W x D x H			W x D		F	G	H	I	J	K
	A	B	C	D	E						
ES50LVS	14	21	29	11.8	17.8	18.3	14.3	1.4	2	2.8	2.4
ES90LVS	21	21	29	18.8	17.8	18.3	14.3	1.4	2	2.8	2.4



ES50 Bottom Return Opening Knock Out 12" x 18"
ES90 Bottom Return Opening Knock Out 19" x 18"