

Project Address _____ Model _____

Building Orientation : _____ Total Condition Floor Area: _____ # of Bedrooms: _____
(Front Door) (Sq. Ft.)

Mechanical Contractor: _____ *Johnson County License # _____

*A contractor license is not required if the information is being submitted by a design professional registered in the State of Kansas.

Contact Name: _____

Phone # _____ Email: _____

Summary of Manual J and S Design Information

Design		Performance Equipment Capacity	
Winter Design Conditions			
Outdoor °F		Heating Equipment Manufacturer	
Indoor °F		Heating Equipment Model Number:	
Total Calculated Heat Loss		Output BTUH at design conditions:	
Summer Design Conditions			
Outdoor °F		Cooling Equipment Manufacturer	
Indoor °F		Outdoor Unit Model Number:	
Entering WB		Total Cooling Capacity ($\leq 115\%$)	
Total Heat Gain		Sensible Cooling Capacity (\approx Heat Gain)	
Sensible Heat Gain		Latent Cooling Capacity (\approx Heat Gain)	
Latent Heat Gain		Indoor Unit Model Number:	
Sensible Heat Ratio (SHR)		Indoor Blower CFM (CFM used to determine capacity in manufacturer's performance data):	
Design Air Flow <ul style="list-style-type: none"> See example below. Airflow should be at unit's MEDIUM fan speed 		Btuh Difference between Heat Pump Balance Point and Total Heat Loss	
		Auxiliary Heat (Circle): Electric Gas Oil	
SHR= $\frac{\text{Sensible Heat Gain}}{\text{Total Heat Gain}}$	Sensible Heat Ratio versus Temperature Design Value		
	SHR	Recommended Temp. Design	
From Manual J8 Tables	From Manual 18 Load Calculation	From Equipment Performance Data	