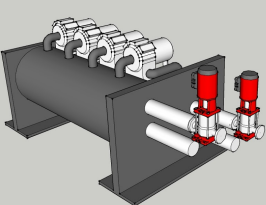


Chiller 1 Partial

Chiller Capacity	500.00	[tons]			Avista	0.08	[\$/kW-hr]		
SCCP Output	11999.89	[ton-hr]			Hours operation	24	[Hours]		
Combined Cost	238.08	[\$]							
Cost Efficiency	0.02	[\$/ton-hr]							

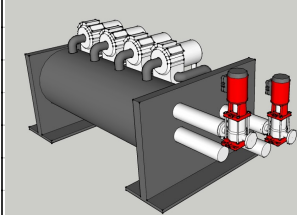
Chiller 1

	Flow rate	1000	[GPM]	Power Chiller 1			Chiller capacity:	500.00	[tons]
	T_in	67	[F]	Comp 1	63	[kW]	Power total	124	[kW]
	T_out	55	[F]	Comp 2	61	[kW]			
	m_dot	499844.42	[lb_m/hr]						
	r	62.32	[lb_m/ft^3]						
	h_in	35.06	[Btu/lb_m]						
	h_out	23.05	[Btu/lb_m]						

Chiller 1 Full

Chiller Capacity	445.05	[tons]			Avista	0.08	[\$/kW-hr]
SCCP Output	10681.27				Hours operation	24	[Hours]
Combined Cost	449.664	[\$]					
Cost Efficiency	0.04	[\$/ton-hr]					

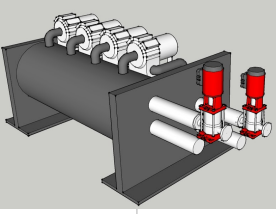
Chiller 1

	Flow rate	802	[GPM]	Power Chiller 1			Chiller capacity	445.05	[tons]
	T_in	54.2	[F]	Comp 1	57.8	[kW]	Power total	234.2	[kW]
	T_out	40.9	[F]	Comp 2	57.8	[kW]			
	m_dot	401430.19	[lb_m/hr]	Comp 3	60.3	[kW]			
	r	62.40	[lb_m/ft^3]	Comp 4	58.3	[kW]			
	h_in	22.25	[Btu/lb_m]						
	h_out	8.95	[Btu/lb_m]						

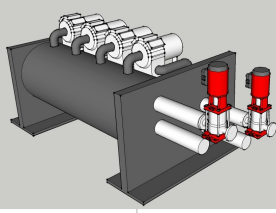
Chiller 1 & 2 Partial

Chiller Capacity	890.11	[tons]		Avista	0.08	[\$/kW-hr]
SCCP Output	21362.54			Hours operation	24	[Hours]
Combined Cost	459.456	[\$]				
Cost Efficiency	0.02	[\$/ton-hr]				

Chiller 1

	Flow rate	802	[GPM]	Power Chiller 1			Chiller capacity	445.05	[tons]
	T_in	54.2	[F]	Comp 1	57.8	[kW]	Power total	115.6	[kW]
	T_out	40.9	[F]	Comp 2	57.8	[kW]			
	m _{dot}	401430.19	[lb_m/hr]						
	r	62.40	[lb_m/ft^3]						
	h_in	22.25	[Btu/lb_m]						
	h_out	8.95	[Btu/lb_m]						

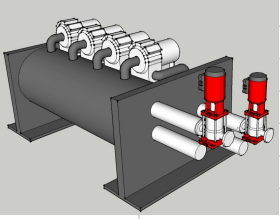
Chiller 2

	Flow rate	802	[GPM]	Power Chiller 2			Chiller capacity	445.05	[tons]
	T_in	54.2	[F]	Comp 1	62.3	[kW]	Power total	123.7	[kW]
	T_out	40.9	[F]	Comp 2	61.4	[kW]			
	m _{dot}	401430.19	[lb_m/hr]						
	r	62.40	[lb_m/ft^3]						
	h_in	22.25	[Btu/lb_m]						
	h_out	8.95	[Btu/lb_m]						

Chiller 1 & 2 Full

Chiller Capacity	890.11	[tons]		Avista	0.08	[\$/kW-hr]
SCCP Output	21362.54			Hours operation	24	[Hours]
Combined Cost	930.624	[\$]				
Cost Efficiency	0.04	[\$/ton-hr]				

Chiller 1

	Flow rate	802	[GPM]	Power Chiller 1			Chiller capacity	445.05	[tons]
	T_in	54.2	[F]	Comp 1	57.8	[kW]	Power total	234.2	[kW]
	T_out	40.9	[F]	Comp 2	57.8	[kW]			
	m_dot	401430.19	[lb_m/hr]	Comp 3	60.3	[kW]			
	r	62.40	[lb_m/ft^3]	Comp 4	58.3	[kW]			
	h_in	22.25	[Btu/lb_m]						
	h_out	8.95	[Btu/lb_m]						

Chiller 2

	Flow rate	802	[GPM]	Power Chiller 2			Chiller capacity	445.05	[tons]
	T_in	54.2	[F]	Comp 1	62.3	[kW]	Power total	250.5	[kW]
	T_out	40.9	[F]	Comp 2	61.4	[kW]			
	m_dot	401430.19	[lb_m/hr]	Comp 3	64.1	[kW]			
	r	62.40	[lb_m/ft^3]	Comp 4	62.7	[kW]			
	h_in	22.25	[Btu/lb_m]						
	h_out	8.95	[Btu/lb_m]						

Log info			Assumptions	
Name	Date	Information	- assumed quality of 0	
Darvin Thornton	11/16/2014	Created Calculator		