Unit Summary															
Unit Model	Flow Rate (gpm)	Head (ft)	Pump Rate HP @ 60Hz - 3450 RPM	Pump Calculated Operating Speed	Pump BHp	Pump Motor Est. Input kW	Design Capacity (mbh)	Refrig	CO2 Supply Temp (Dew, °F)	Design SST Temp (Dew, °F)	Design Approach (°F)	Design Superheat (°F)	Design Subcooling (°F)	Voltage	
														208/3/60	460/3/60
WMT-SEC-CO2-1.0/10	1	100	3	1740 rpm	0.67	0.061	33	R-448a	-10	-16	6	5	9	Y	Y
	2.5	100	3	1875 rpm	0.72	0.65	82								
	3	100	3	1920 rpm	0.75	0.67	98								
	4	100	3	2030 rpm	0.83	0.74	131								
	5	100	3	2140 rpm	0.92	0.81	163								
	6	100	3	2260 rpm	1.01	0.89	196								
	7	100	3	2370 rpm	1.10	0.96	229								
	8	100	3	2480 rpm	1.18	1.03	261								
	9	100	3	2580 rpm	1.27	1.10	294								
	10	100	3	2685 rpm	1.36	1.18	327								

Unit Summary															
Unit Model	Flow Rate	Head (f	Pump Rate HP @ 60Hz - 3450 RPM	Pump Calculated Operating Speed	Pump BHp	Pump Motor Est. Input kW	ign Capacity (mb	Refrig	CO2 Supply Temp (Dew, °F)	Design SST Temp (Dew, °F)	Design Approach (°F)	Design Superheat (°F)	Design Subcooling (°F)	Voltage	
														208/3/60	460/3/60
WMT-SEC-CO2-1.0/10	1	100	3	1740 rpm	0.69	0.63	35	R-448a	-20	-26	6	5	9	Y	Y
	2.5	100	3	1875 rpm	0.74	0.66	87								
	3	100	3	1920 rpm	0.77	0.69	104								
	4	100	3	2030 rpm	0.85	0.76	139								
	5	100	3	2140 rpm	0.94	0.83	174								
	6	100	3	2260 rpm	1.04	0.91	209								
	7	100	3	2370 rpm	1.13	0.99	243								
	8	100	3	2480 rpm	1.21	1.06	278								
	9	100	3	2580 rpm	1.30	1.13	313								
	10	100	3	2685 rpm	1.39	1.21	348								

Model	Refrigerant	Design Saturated Suction Temp (°F)	GPM (CO2)	Design Delta (PSI)	Leaving Fluid Temp (°F)	Capacity (MBH)	Revised SST (Dew) to Produce -20°LFT (°F)	Approach °F
WMT-SEC-CO2-1/10	R22	-26	10	0.5	-20	360	-29	9
	R502	-26	10	0.5	-20	360	-31	11
	R404A	-26	10	0.5	-20	360	-30	10
	R407A	-26	10	0.5	-20	360	-26	6
	R448A	-26	10	0.5	-20	360	-26	6
	R427A	-26	10	0.5	-20	360	-32	12
	R507A	-26	10	0.5	-20	360	-31	11
	R410A	-26	10	0.5	-20	360	-26	6
	R422D	-26	10	0.5	-20	360	-30	10
	R422A	-26	10	0.5	-20	360	-30	10
	R422C	-26	10	0.5	-20	360	-30	10

CO2:
R404a applications will be limited to 280mbh or 8gpm of CO2 flow.