

Compax 3 – Compax System Capabilities

Water Loop

MODEL NO. CMX_ _ _		210	230	260	300	350	400	450
Cooling Capacity – Rated at ISO 13256-2 Conditions								
TOTAL	BTU/hr	167461	181049	205892	242718	276994	307239	353096
THR	BTU/hr	205543	223494	253117	298165	338346	377617	435832
EER		15.0	14.6	14.9	14.9	15.4	14.9	14.6
Evaporator								
EWT	°F	53.6	53.6	53.6	53.6	53.6	53.6	53.6
LWT	°F	42.4	42.3	42.2	42.6	42.5	42.6	42.6
Flow Rate	GPM	30.0	32.0	36.0	44.0	50.0	56.0	64.0
Pressure Drop	ft	10.7	12.2	15.4	8.6	13.2	16.6	21.6
Condenser								
EWT	°F	86.0	86.0	86.0	86.0	86.0	86.0	86.0
LWT	°F	99.7	100.0	100.1	99.6	99.5	99.5	99.6
Flow Rate	GPM	30.0	32.0	36.0	44.0	50.0	56.0	64.0
Pressure Drop	ft	10.7	12.2	15.4	8.6	13.2	16.6	21.6
Heating Capacity – Rated at ISO 13256-2 Conditions								
TOTAL	BTU/hr	233719	254994	289317	338347	383982	429836	494627
COP		4.8	4.8	4.8	4.7	4.9	4.8	4.7
Evaporator								
EWT	°F	68.0	68.0	68.0	68.0	68.0	68.0	68.0
LWT	°F	55.7	55.4	55.3	55.9	55.8	55.8	55.8
Flow Rate	GPM	30.0	32.0	36.0	44.0	50.0	56.0	64.0
Pressure Drop	Ft	10.7	12.2	15.4	8.6	13.2	16.6	21.6
Condenser								
EWT	°F	104.0	104.0	104.0	104.0	104.0	104.0	104.0
LWT	°F	119.6	119.9	120.1	119.4	119.4	119.4	119.5
Flow Rate	GPM	30.0	32.0	36.0	44.0	50.0	56.0	64.0
Pressure Drop	ft	10.7	12.2	15.4	8.6	13.2	16.6	21.6



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Ground Loop

MODEL NO. CMX ___		210	230	260	300	350	400	450
Cooling Capacity – Rated at ISO 13256-2 Conditions								
TOTAL	BTU/hr	173525	187890	213083	251742	288005	318285	364884
THR	BTU/hr	208174	226547	255726	302372	343903	382583	440871
EER		17.1	16.6	17.1	17.0	17.6	16.9	16.4
Evaporator								
EWT	°F	53.6	53.6	53.6	53.6	53.6	53.6	53.6
LWT	°F	42.0	41.9	41.8	42.2	42.1	42.2	42.2
Flow Rate	GPM	30.0	32.0	36.0	44.0	50.0	56.0	64.0
Pressure Drop	ft	10.7	12.2	15.4	8.6	13.2	16.6	21.6
Condenser Selected with 15 % Ethylene Glycol								
EWT	°F	77.0	77.0	77.0	77.0	77.0	77.0	77.0
LWT	°F	91.3	91.6	91.6	91.2	91.2	91.1	91.2
Flow Rate	GPM	30.0	32.0	36.0	44.0	50.0	56.0	64.0
Pressure Drop	ft	11.1	12.6	16	8.9	13.7	17.2	22.4
Heating Capacity – Rated at ISO 13256-2 Conditions								
TOTAL	BTU/hr	156265	169093	192276	222567	251781	284902	328566
COP		3.5	3.4	3.4	3.4	3.5	3.5	3.5
Evaporator Selected with 15 % Ethylene Glycol								
EWT	°F	32.0	32.0	32.0	32.0	32.0	32.0	32.0
LWT	°F	24.3	24.3	24.2	24.7	24.6	24.5	24.5
Flow Rate	GPM	30.0	32.0	36.0	44.0	50.0	56.0	64.0
Pressure Drop	ft	11.1	12.6	16	8.9	13.7	17.2	22.4
Condenser								
EWT	°F	104.0	104.0	104.0	104.0	104.0	104.0	104.0
LWT	°F	114.4	114.6	114.7	114.1	114.1	114.2	114.3
Flow Rate	GPM	30.0	32.0	36.0	44.0	50.0	56.0	64.0
Pressure Drop	ft	10.7	12.2	15.4	8.6	13.2	16.6	21.6

