

# Compax 4 – Compax System Capabilities

## Water Loop

MODEL NO. CMX_ _ _		600	700	900
<b>Cooling Capacity – Rated at ISO 13256-2 Conditions</b>				
TOTAL	BTU/hr	445077	541458	710053
THR	BTU/hr	555431	679297	888310
EER		13.8	13.4	13.6
<b>Evaporator</b>				
EWT	°F	53.6	53.6	53.6
LWT	°F	42.4	42.4	41.8
Flow Rate	GPM	80.0	100.0	120.0
Pressure Drop	ft	19	19	19
<b>Condenser</b>				
EWT	°F	86.0	86.0	86.0
LWT	°F	99.9	100.0	100.8
Flow Rate	GPM	80.0	100.0	120.0
Pressure Drop	ft	19	19	19
<b>Heating Capacity – Rated at ISO 13256-2 Conditions</b>				
TOTAL	BTU/hr	633272	785156	1007757
COP		4.5	4.4	4.4
<b>Evaporator</b>				
EWT	°F	68.0	68.0	68.0
LWT	°F	55.6	55.6	55.0
Flow Rate	GPM	80.0	100.0	120.0
Pressure Drop	ft	19	19	19
<b>Condenser</b>				
EWT	°F	104.0	104.0	104.0
LWT	°F	119.8	119.9	120.8
Flow Rate	GPM	80.0	100.0	120.0
Pressure Drop	ft	19	19	19



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## Ground Loop

MODEL NO. CMX_ _ _		600	700	900
<b>Cooling Capacity – Rated at ISO 13256-2 Conditions</b>				
TOTAL	BTU/hr	459501	551706	734584
THR	BTU/hr	560472	681245	897684
EER		15.5	15.0	15.4
<b>Evaporator</b>				
EWT	°F	53.6	53.6	53.6
LWT	°F	42.0	42.0	41.4
Flow Rate	GPM	80.0	100.0	120.0
Pressure Drop	ft	19	19	19
<b>Condenser Selected with 15 % Ethylene Glycol</b>				
EWT	°F	77.0	77.0	77.0
LWT	°F	91.5	91.5	92.4
Flow Rate	GPM	80.0	100.0	120.0
Pressure Drop	ft	19.7	19.7	19.7
<b>Heating Capacity – Rated at ISO 13256-2 Conditions</b>				
TOTAL	BTU/hr	426864	528170	676571
COP		3.4	3.2	3.3
<b>Evaporator Selected with 15 % Ethylene Glycol</b>				
EWT	°F	32.0	32.0	32.0
LWT	°F	24.4	24.3	23.9
Flow Rate	GPM	80.0	100.0	120.0
Pressure Drop	ft	19.7	19.7	19.7
<b>Condenser</b>				
EWT	°F	104.0	104.0	104.0
LWT	°F	114.4	114.6	115.3
Flow Rate	GPM	80.0	100.0	120.0
Pressure Drop	ft	19	19	19

