

Compax 2 – Compax System Capabilities

Water Loop

MODEL NO. CMX_ _ _		110	135	150	175
Cooling Capacity – Rated at ISO 13256-2 Conditions					
TOTAL	BTU/hr	91359	100974	125444	137356
THR	BTU/hr	112125	124582	152223	167992
EER		15.0	14.6	16.0	15.3
Evaporator					
EWT	°F	53.6	53.6	53.6	53.6
LWT	°F	43.5	42.4	43.1	42.6
Flow Rate	GPM	18.0	18.0	24.0	25.0
Pressure Drop	ft	15.4	15.4	12.2	13.2
Condenser					
EWT	°F	86.0	86.0	86.0	86.0
LWT	°F	98.5	99.8	98.7	99.4
Flow Rate	GPM	18.0	18.0	24.0	25.0
Pressure Drop	ft	15.4	15.4	12.2	13.2
Heating Capacity – Rated at ISO 13256-2 Conditions					
TOTAL	BTU/hr	128020	142352	173239	190268
COP		4.9	4.7	5.1	4.8
Evaporator					
EWT	°F	68.0	68.0	68.0	68.0
LWT	°F	56.7	55.6	56.4	55.9
Flow Rate	GPM	18.0	18.0	24.0	25.0
Pressure Drop	ft	15.4	15.4	12.2	13.2
Condenser					
EWT	°F	104.0	104.0	104.0	104.0
LWT	°F	118.2	119.8	118.4	119.2
Flow Rate	GPM	18.0	18.0	24.0	25.0
Pressure Drop	ft	15.4	15.4	12.2	13.2



Compax 2 – Compax System Capabilities

Ground Loop

MODEL NO. CMX_ _ _		110	135	150	175
Cooling Capacity – Rated at ISO 13256-2 Conditions					
TOTAL	BTU/hr	94825	104465	130156	142569
THR	BTU/hr	113725	125772	154704	170382
EER		17.1	16.7	18.1	17.5
Evaporator					
EWT	°F	53.6	53.6	53.6	53.6
LWT	°F	43.1	42.0	42.8	42.2
Flow Rate	GPM	18.0	18.0	24.0	25.0
Pressure Drop	ft	15.4	15.4	12.2	13.2
Condenser Selected with 15 % Ethylene Glycol					
EWT	°F	77.0	77.0	77.0	77.0
LWT	°F	90.0	91.4	90.3	91.1
Flow Rate	GPM	18.0	18.0	24.0	25.0
Pressure Drop	ft	16	16	12.6	13.7
Heating Capacity – Rated at ISO 13256-2 Conditions					
TOTAL	BTU/hr	84639	95037	112608	127192
COP		3.5	3.4	3.5	3.5
Evaporator Selected with 15 % Ethylene Glycol					
EWT	°F	32.0	32.0	32.0	32.0
LWT	°F	25.1	24.3	25.1	24.5
Flow Rate	GPM	18.0	18.0	24.0	25.0
Pressure Drop	ft	16	16	12.6	13.7
Condenser					
EWT	°F	104.0	104.0	104.0	104.0
LWT	°F	113.4	114.6	113.4	114.2
Flow Rate	GPM	18.0	18.0	24.0	25.0
Pressure Drop	ft	15.4	15.4	12.2	13.2

