

Compax 1 – Compax System Capabilities

Water Loop

MODEL NO. CMX_ _ _		045	060	070	075	085
Cooling Capacity – Rated at ISO 13256-2 Conditions						
TOTAL	BTU/hr	36571	41484	51088	59065	65005
THR	BTU/hr	45083	51304	62704	73079	80861
EER		14.7	14.4	15.0	14.4	14.0
Evaporator						
EWT	°F	53.6	53.6	53.6	53.6	53.6
LWT	°F	43.2	43.2	42.3	42.0	42.8
Flow Rate	GPM	7.0	8.0	9.0	10.0	12.0
Pressure Drop	ft	7.8	10.2	17.8	22	31.7
Condenser						
EWT	°F	86.0	86.0	86.0	86.0	86.0
LWT	°F	98.9	98.8	99.9	100.5	99.5
Flow Rate	GPM	7.0	8.0	9.0	10.0	12.0
Pressure Drop	ft	7.8	10.2	17.8	22	31.7
Heating Capacity – Rated at ISO 13256-2 Conditions						
TOTAL	BTU/hr	51259	58716	71457	83553	91668
COP		4.7	4.6	4.7	4.5	4.6
Evaporator						
EWT	°F	68.0	68.0	68.0	68.0	68.0
LWT	°F	56.5	56.5	55.5	55.0	56.0
Flow Rate	GPM	7.0	8.0	9.0	10.0	12.0
Pressure Drop	ft	7.8	10.2	17.8	22	31.7
Condenser						
EWT	°F	104.0	104.0	104.0	104.0	104.0
LWT	°F	118.6	118.7	119.9	120.7	119.3
Flow Rate	GPM	7.0	8.0	9.0	10.0	12.0
Pressure Drop	ft	7.8	10.2	17.8	22	31.7



Compax 1 – Compax System Capabilities

Ground Loop

MODEL NO. CMX_ _ _		045	060	070	075	085
Cooling Capacity – Rated at ISO 13256-2 Conditions						
TOTAL	BTU/hr	37981	43112	52920	58717	67387
THR	BTU/hr	45612	51890	63301	70742	81766
EER		17.0	16.8	17.4	16.7	16.0
Evaporator						
EWT	°F	53.6	53.6	53.6	53.6	53.6
LWT	°F	42.7	42.8	41.8	41.9	42.4
Flow Rate	GPM	7.0	8.0	9.0	10.0	12.0
Pressure Drop	ft	7.8	10.2	17.8	22	31.7
Condenser Selected with 15 % Ethylene Glycol						
EWT	°F	77.0	77.0	77.0	77.0	77.0
LWT	°F	90.4	90.4	91.5	91.6	91.0
Flow Rate	GPM	7.0	8.0	9.0	10.0	12.0
Pressure Drop	ft	8.1	10.6	18.5	22.8	32.9
Heating Capacity – Rated at ISO 13256-2 Conditions						
TOTAL	BTU/hr	34216	38726	48298	53096	61834
COP		3.3	3.1	3.4	3.2	3.2
Evaporator Selected with 15 % Ethylene Glycol						
EWT	°F	32.0	32.0	32.0	32.0	32.0
LWT	°F	25.0	25.2	24.2	24.3	24.7
Flow Rate	GPM	7.0	8.0	9.0	10.0	12.0
Pressure Drop	ft	8.1	10.6	18.5	18.5	32.9
Condenser						
EWT	°F	104.0	104.0	104.0	104.0	104.0
LWT	°F	113.8	113.7	114.7	114.7	114.3
Flow Rate	GPM	7.0	8.0	9.0	10.0	12.0
Pressure Drop	ft	7.8	10.2	17.8	17.8	31.7

