System 009		
Variable	**Value**	**Units**
TT_SECC_IN	Evaporator Entering Temperature from Cases	°F
TT_SECC_OUT	Evaporator Discharge Temperature to Cases	°F
PT_RLP	Low Pressure, Suction Manifold	psi
RLP_TEVAP_IN		°F
RLP_TEVAP_VAP		°F
RLP_TEVAP_MID	Evaporator Temperature	°F
TT_RCOMP_IN	Common Compressor Suction Temperature	°F
RSUPERHEAT	Superheat	°F
TT_SECW_IN		°F
TT_SECW_OUT		°F
PT_RHP	High Pressure, Discharge Manifold	psi
RHP_TCOND_MID	Condensing Temperature	°F
TT_REXP_IN	Liquid Line Temperature Entering Expansion Device	°F
RSUBCOOL	Subcooling	°F
TT_RCOMP_OUT	Common Compressor Discharge Temperature	°F
COMP_EFF_ISEN	Isentropic Compressor Efficiency	
EP_COMP	Compressor Power	kW
RCOP_COOL	Cooling COP	-
RCAP_COOL	Cooling Capacity	Btu/h
RCOP_HEAT	Heating COP	-
RCAP_HEAT	Heating Capacity	Btu/h
RHP_TCOND_VAP		°F
RHP_TCOND_LIQ		°F
SECC_FLOW_M		
SECW_FLOW_M		
RFLOW		
TT_X8		°F
AI_X11		°F
AI_X12		°F
AI_X13	Suction Temperature, Evaporator 1	°F
AI_X14	Temperature from Low Temperature Subcooler	°F
TT_RCOND_IN	Condenser Entering Temperature	°F
TT_RCOND_OUT		°F
H_DIFF_REL		
RCAP_DESUPHEAT		Btu/h
TT_OIL_COMP_IN		°F
TT_OIL_OILCOOL_IN		°F
TT_OIL_OILCOOL_OUT		°F
FT_OIL_OILCOOL		
TT_COOL_OILCOOL_IN		°F
TT_COOL_OILCOOL_OUT		°F
FT_COOL_OILCOOL		
CAP_OILCOOL		
CAP_OILCOOL_REL		
RCAP_HEAT_OIL		Btu/h
MISC1	Discharge Temperature After Compressor 1	°F
MISC2	Discharge Temperature After Compressor 2	°F
MISC3	Discharge Temperature After Compressor 3	°F

System 009		
Variable	**Value**	**Units**
MISC4	Discharge Temperature After Compressor 4	°F
MISC5	Discharge Temperature After Compressor 5	°F
MISC6		°F
MISC7		°F
MISC8		°F
MISC9		°F
MISC10		°F
STABLE		
ENERGY_COMP		kWh
ENERGY_AUX		kWh
ENERGY_3		kWh
TT_OUTDOOR	Outdoor Temperature	°F
TT_INDOOR	Indoor Temperature	°F
RH_OUTDOOR	Outdoor Relative Humidity	%
RH_INDOOR	Indoor Relative Humidity	%
EP_AUX_SECC		kW
CC_CC_SEI_COOL		
EP_AUX_SECW	Condenser Fan Power	kW
CC_CC_SEI_HEAT		
EP_AUX_INT		kW
RCOP_SYS_COOL		-
CC_SEI_COOL		
RCOP_SYS_HEAT		-
CC_SEI_HEAT		
CarCOP_COOL_SEI		
CarCOP_HEAT_SEI		
RCAP_COOL_NET		Btu/h
RCAP_HEAT_NET		Btu/h
TT_PT_RLP		°F
TT_PT_RHP		°F
RCAP_HEAT_Cond		Btu/h
RCAP_SUBCOOL		Btu/h
RCOP_COOL_net		-
RCOP_HEAT_net		-
RSUBCOOL_Cond		
RSUPERHEAT_Evap		
RSUPERHEAT_MP		
REFTEMP_COOL		
REFTEMP_HEAT		
OP_HOURS_TOT		hrs
STARTS_TOT		
PT_RMP2		
TT_RCOMP_IN_MP2		°F
RMP2_TEVAP_IN		°F
RMP2_TEVAP_LIQ		°F
RMP2_TEVAP_VAP		°F
RMP2_TEVAP_MID		°F
ETA_C1		

System 009		
Variable	**Value**	**Units**
ETA_C4CO1		
ETA_C4EV1		
ETA_C4		
ETA_C5C		
ETA_C5W		
ETA_C5		
ETA_C6AUX		
ETA_C6PICK		
CC_SEI2_COOL		
CC_SEI2_HEAT		
ENERGY_4		kWh
ENERGY_5		kWh
ENERGY_6		kWh
ENERGY_7		kWh
ENERGY_8		kWh
PT_RMP		
TT_RCOMP_IN_MP		°F
COMP_EFF_1		
COMP_EFF_2		
COMP_EFF_3		
COMP_EFF_4		
COMP_EFF_5		
COMP_EFF_6		
RMP_TEVAP_LIQ		°F
RMP_TEVAP_IN		°F
RMP_TEVAP_VAP		°F
RMP_TEVAP_MID		°F
COMP_CEff_Isen		
TT_PT_RMP		°F
TT_RMP_OUT		°F
TT_RExp_MP_In		°F
TT_REvap_Out		°F
SUPER_CRITICAL		