

## Systems Integration

# APOGEE<sup>®</sup> Open Processor with YORK AP Driver: RT Rooftop

Table 1. RT Rooftop.

Point	Type	Description	Range/Units
01	LAI	Return Air Temperature Setpoint	°C
02	LAI	Mode	—
03	LAI	Discharge Static Air Pressure Setpoint	kPa
04	LAI	Maximum Load Limit	%
05	LDI	Start/Stop	On/Off
06	LDI	Compressor 1 Remote Lead	On/Off
07	LDI	Compressor 2 Remote Lead	On/Off
08	LDI	History	On/Off
09	LAI	Space Temperature	°C
10	LAI	Discharge Air Temperature	°C
11	LAI	Return Air Temperature	°C
12	LAI	Outside Air Temperature	°C
13	LAI	Discharge Static Pressure	kPa
14	LAI	Building Static Pressure	kPa
15	LAI	Outside Air Damper Position	%
16	LAI	Heating Coil Diverting Valve Position	%
17	LAI	Supply Fan Run Hours	hrs
18	LAI	Exhaust Fan Run Hours	hrs
19	LAI	Supply Fan Inlet Guide Vane Position	%
20	LAI	Exhaust Fan Inlet Guide Vane Position	%
21	LAI	Anti Coincident Timer	sec
22	LAI	Compressor 1 Run Hours	hrs
23	LAI	Compressor 1 Oil Pressure	kPa
24	LAI	Compressor 1 Suction Pressure	kPa

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**Table 1. RT Rooftop.**

<b>Point</b>	<b>Type</b>	<b>Description</b>	<b>Range/Units</b>
25	LAI	Compressor 1 Discharge Pressure	kPa
26	LAI	Compressor 1 Anti Recycle Time Left	sec
27	LAI	Compressor 1 Number of Stages Operating	—
28	LAI	Compressor 2 Run Hours	hrs
29	LAI	Compressor 2 Oil Pressure	kPa
30	LAI	Compressor 2 Suction Pressure	kPa
31	LAI	Compressor 2 Discharge Pressure	kPa
32	LAI	Compressor 2 Anti Recycle Time Left	sec
33	LAI	Compressor 2 Number of Stages Operating	—
34	LDI	Panel On/Off Switch	On/Off
35	LDI	Unit Run Permissive	On/Off
36	LDI	Air Handling Unit Alarm	On/Off
37	LDI	Remote Status	On/Off
38	LDI	Compressor 1 Lead Status	On/Off
39	LDI	Supply Air Fan Run Status	On/Off
40	LDI	Return/Exhaust Air Fan Run Status	On/Off
41	LDI	Outside Air Damper Status	On/Off
42	LDI	Compressor 1 Lockout Status	On/Off
43	LDI	Compressor 1 Contactor Status	On/Off
44	LDI	Compressor 1 Liquid Line Solenoid Valve Status	On/Off
45	LDI	Compressor 1 Unloader Solenoid Valve 1 Status	On/Off
46	LDI	Compressor 1 Unloader Solenoid Valve 2 Status	On/Off
47	LDI	Compressor 1 Hot Gas Bypass Valve Status	On/Off
48	LDI	Compressor 2 Lockout Status	On/Off
49	LDI	Compressor 2 Contactor Status	On/Off
50	LDI	Compressor 2 Liquid Line Solenoid Valve Status	On/Off
51	LDI	Compressor 2 Unloader Solenoid Valve 1 Status	On/Off
52	LDI	Compressor 2 Unloader Solenoid Valve 2 Status	On/Off
54	LAI	Air Handling Unit Shutdown Code	—
55	LAI	Compressor 1 Operational Code	—
56	LAI	Compressor 1 Fault Code	—
57	LAI	Compressor 2 Operational Code	—
58	LAI	Compressor 2 Fault Code	—
64	LAI	Total Number of Condenser Fans Running	—

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**Table 1. RT Rooftop.**

<b>Point</b>	<b>Type</b>	<b>Description</b>	<b>Range/Units</b>
65	LAI	Cooling Load Steps Available	—
66	LAI	Heating Actual Setpoint	°C
67	LAI	Cooling Actual Setpoint	°C
68	LAI	Discharge Air Temperature Actual Setpoint	°C
69	LAI	Discharge Static Pressure Actual Setpoint	°C
70	LAI	Building Static Pressure Actual Setpoint	°C
71	LDI	Low Ambient Cutout	°C
72	LDI	High Ambient Cutout	°C
73	LDI	Low Pressure Cutout	kPa
74	LDI	High Pressure Cutout	kPa
75	LDI	Discharge Air Temperature Cutout	°C
78	LDI	Hot Gas Option Selected	On/Off
79	LDI	Ambient Temperature Control Status	On/Off
80	LDI	Discharge Pressure Transducer Status	On/Off
83	LAO	Set Leaving Chilled Water Temperature Setpoint	°C
84	LAO	Set Remote Current Limit Setpoint	A

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