

Systems Integration

YORK ISN Enhanced Driver: Curbmaster YCU Condensing Unit (Slave)

Table 1. Curbmaster YCU APOGEE Points, Application Number: 5863.

Point	Type	Description	Range/Units ^{a b c}
1	LAO	Device Address	–
2	LAI	Device Application	–
3	LAO	Logon Password	–
4	LAO	Open Password	–
5	LDI	Yorktalk Translator Communication Status	Normal/Fail
9	LDI	YCU Communication Failure	Normal/Fail
10	LAI	Discharge Air Temperature Set Point	°F °C
11	LAI	Percent Load Limit Set Point	%
12	LAI	Lead Unit Number	–
13	LAI	Discharge Air Temperature Control Range	°F °C
14	LDI	Start / Stop	Off/On
15	LDI	Load	Yes/No
16	LDI	Unload	Yes/No
17	LAI	Discharge Air Temperature	°F °C
18	LAI	Outside Air Temperature	°F °C
19	LAI	Compressor 1 Oil Temperature	°F °C
20	LAI	Compressor 1 Oil Pressure	psig kPa
21	LAI	Compressor 1 Suction Pressure	psig kPa
22	LAI	Compressor 1 Discharge Pressure	psig kPa
23	LAI	Compressor 1 Percent Fla	%
24	LAI	Compressor 1 Total Run Time	hrs

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Table 1. Curbmaster YCU APOGEE Points, Application Number: 5863. (continued)

Point	Type	Description	Range/Units^{a b c}
25	LAI	Compressor 1 Starts	–
26	LAI	Compressor 1 Anti-Recycle Timer	–
27	LAI	Anti Coincidence Timer	–
28	LAI	Compressor 2 Oil Temperature	°F °C
29	LAI	Compressor 2 Oil Pressure	psig kPa
30	LAI	Compressor 2 Suction Pressure	psig kPa
31	LAI	Compressor 2 Discharge Pressure	psig kPa
32	LAI	Compressor 2 Percent Fla	%
33	LAI	Compressor 2 Total Run Time	hrs
34	LAI	Compressor 2 Starts	–
35	LAI	Load Steps Available	–
36	LDI	Chiller Run Status	Off/On
37	LDI	Chiller Alarm Status	Off/On
38	LDI	Condenser Water Pump Status	Off/On
39	LDI	Compressor 1 Liquid Line Solenoid Valve Status	Off/On
40	LDI	Compressor 1 Hot Gas Bypass Valve Status	Off/On
41	LDI	Compressor 1 Reverse Condenser Fan Status	Off/On
42	LDI	Compressor 2 Liquid Line Solenoid Valve Status	Off/On
43	LDI	Compressor 2 Hot Gas Bypass Valve Status	Off/On
44	LDI	Compressor 2 Reverse Condenser Fan Status	Off/On
45	LAI	Compressor 1 Operating Code	–
46	LAI	Compressor 1 Fault Code	–
47	LAI	Compressor 2 Operating Code	–
48	LAI	Compressor 2 Fault Code	–
49	LAI	Compressor 1 Stages Operating	–
50	LAI	Compressor 1 Condenser Fan Forward	–
51	LAI	Compressor 2 Stages Operating	–
52	LAI	Compressor 2 Condenser Fan Forward	–
53	LAI	Lead Compressor	–
54	LAI	Discharge Air Temperature Actual Set Point	°F °C
55	LAI	Low Ambient Air Temperature Cutout Set Point	°F °C

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Table 1. Curbmaster YCU APOGEE Points, Application Number: 5863. (continued)

Point	Type	Description	Range/Units^{a b c}
56	LAI	High Ambient Air Temperature Cutout Set Point	°F °C
57	LAI	Low Pressure Cutout Set Point	psig <i>kPa</i>
58	LAI	High Pressure Cutout Set Point	psig <i>kPa</i>
59	LAI	Remote Temperature Set Point	°F °C
60	LAI	Remote Temperature Range	°F °C
61	LAI	Discharge Air Temperature Control Set Point	°F °C
62	LAI	Compressor 1 Run Time From Start	–
63	LAI	Compressor 2 Run Time From Start	–
64	LAI	Discharge Air Temperature Rate	–
65	LAI	Rate Sensitivity (Integral Gain For Condenser Fan Control)	–
66	LDI	Load Permissive	Off/On
<p>^a Values noted for LDIs and LDOs are in the following format: OFF text/ON text.</p> <p>^b This column indicates the value/range or engineering units or both if known.</p> <p>^c The default English value is not italicized. An italicized entry indicates an SI value.</p>			

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