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VCM Controller Setpoints Worksheet

Filled Out By: _____ **Date:**_____

Job Name: _____

Job Location:

_____
_____
_____
_____

Engineer: _____ **Contractor:** _____

Service Contact: _____ **Controls Contact :** _____

Enter The Unit Tag Numbers For The HVAC Units
To Be Configured Per This Setpoint Worksheet:

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Configuration Screen #1

VCM Cnfg ID 59
Duct Static Pressure
Control: YES
[0=NO 1=YES]

☐ **0 = NO**
☐ **1 = YES**
Check one of the boxes above. Default is "1 = YES".

Configuration Screen #2

VCM Cnfg ID 59
Supply Fan Cycle
Mode: NO
[0=NO 1=YES]

☐ **0 = NO**
☐ **1 = YES**
Check one of the boxes above. Default is "0 = NO".

Configuration Screen #3

VCM Cnfg ID 59
HVAC Mode Enable
Supply Air
Press"0" to Change

☐ **Supply Air**
☐ **Outdoor Air**
☐ **Space Temperature**
☐ **Return Air**
Check one of the boxes above. Default is "Supply Air".

Configuration Screen #4

VCM Cnfg ID 59
HVAC Reset Source
No Reset
Press "0" to Change

☐ **Space Temperature Sensor**
☐ **Return Air Temperature Sensor**
☐ **Fan VFD Signal**
☐ **Remote Reset Input**
☐ **No Reset**
Check one of the boxes above. Default is "No Reset".

Configuration Screen #5

VCM Cnfg ID 59
HVAC Reset Source
Loop Rate: 20 s
[1-255 Seconds]

Enter 1 to 255 seconds above. Default is 10 Seconds.

Configuration Screen #6

VCM Cnfg ID 59
Dehumidification
Control: NO
[0=NO 1=YES]

☐ **0 = NO**
☐ **1 = YES**
Check one of the boxes above. Default is "0 = NO".

Configuration Screen #7

VCM Cnfg ID 59
Dehumidification
Priority: NO
[0=NO 1=YES]

☐ **0 = NO**
☐ **1 = YES**
Check one of the boxes above. Default is "0 = NO".

Configuration Screen #8

VCM Cnfg ID 59
Dehumidification
Unoccupied: NO
[0=NO 1=YES]

☐ **0 = NO**
☐ **1 = YES**
Check one of the boxes above. Default is "0 = NO".

Configuration Screen #9

VCM Cnfg ID 59
Outdoor Humidity
Sensor: NO
[0=NO 1=YES]

☐ **0 = NO**
☐ **1 = YES**
Check one of the boxes above. Default is "0 = NO".

Configuration Screen #10

VCM Cnfg ID 59
Indoor Humidity
Sensor: NO
[0=NO 1=YES]

☐ **0 = NO**
☐ **1 = YES**
Check one of the boxes above. Default is "0 = NO".

Configuration Screen #11

VCM Cnfg ID 59
Heat During
Dehumidify: NO
[0=NO 1=YES]

☐ **0 = NO**
☐ **1 = YES**
Check one of the boxes above. Default is "0 = NO".

Configuration Screen #12

VCM Cnfg ID 59
Economizer
Control: NO
[0=NO 1=YES]

☐ **0 = NO**
☐ **1 = YES**
Check one of the boxes above. Default is "0 = NO".

Configuration Screen #13

VCM Cnfg ID 59
Proof Of Flow
Input: NO
[0=NO 1=YES]

☐ **0 = NO**
☐ **1 = YES**
Check one of the boxes above. Default is "0 = NO".

Configuration Screen #14

VCM Cnfg ID 59
Mod Cooling: NO
Mod Heating: NO
[0=NO 1=YES]

Modulating Cooling
☐ **0 = NO**
☐ **1 = YES**
Check one of the boxes above. Default is "0 = NO".
Modulating Heating
☐ **0 = NO**
☐ **1 = YES**
Check one of the boxes above. Default is "0 = NO".

Configuration Screen #15

VCM Cnfg ID 59
Mod Heating
Output Signal.: 0
[0=0-10V 1=2-10V]

☐ **0 = 0-10V**
☐ **1 = 2-10V**
Check one of the boxes above. Default is "0 = 0-10V".

Configuration Screen #16

VCM Cnfg ID 59
Mod Heating
Rev Acting: NO
[0=NO 1=YES]

☐ **0 = NO**
☐ **1 = YES**
Check one of the boxes above. Default is "0 = NO".

Configuration Screen #17

VCM Cnfg ID 59
Mod Heating
Prop. Window: 10°F
Time Period: 5 s

In the first box above enter a value from 5 to 30. The default value is "10".
In the second box above enter a value from 5 to 255. The default value is "5".

Configuration Screen #18

VCM Cnfg ID 59
Mod Cooling
Output Signal.: 0
[0=0-10V 1=2-10V]

☐ **0 = 0-10V**
☐ **1 = 2-10V**
Check one of the boxes above. Default is "0 = 0-10V".

Configuration Screen #19

VCM Cnfg ID 59
Digital Compressor
Signal 1-5V : NO
[0=NO 1=YES]

☐ **0 = NO**
☐ **1 = YES**
Check one of the boxes above. Default is "0 = NO".

Configuration Screen #20

VCM Cnfg ID 59
Mod Cooling
Rev Acting: NO
[0=NO 1=YES]

☐ **0 = NO**
☐ **1 = YES**
Check one of the boxes above. Default is "0 = NO".

Configuration Screen #21

VCM Cnfg ID 59
Mod Cooling
Prop. Window: 10°F
Time Period: 5 s

In the first box above enter a value from 5 to 30. The default value is "10".
In the second box above enter a value from 5 to 255. The default value is "5".

Configuration Screen #22

VCM Cnfg ID 59
CO2 Sensor
Output Signal: 0
[0=None 1=mA 2=VDC]

☐ **0 = None**
☐ **1 = mA**
☐ **2 = VDC**
Check one of the boxes above. Default is "0 = None".

Configuration Screen #23

VCM Cnfg ID 59
CO2 Sensor Maximum
Scale: 2000 PPM
Enter 0 If No Sensor

Enter a value from 0 to 8000. The default value is "2000" and is based on the sensor you are using. Enter "2000" if you are using the AAON or WattMaster CO2 Sensor.

Configuration Screen #24

VCM Cnfg ID 59
Building Pressure
Mod Control: NO
[0=NO 1=YES]

☐ **0 = NO**
☐ **1 = YES**
Check one of the boxes above. Default is "0 = NO".

Configuration Screen #25

VCM Cnfg ID 59
Building Pressure
Rev Acting: NO
[0=NO 1=YES]

☐ **0 = NO**
☐ **1 = YES**
Check one of the boxes above. Default is "0 = NO".

Configuration Screen #26

VCM Cnfg ID 59
Building Pressure
Output Signal: 0
[0=0-10V 1=2-10V]

☐ **0 = 0-10V**
☐ **1 = 2-10V**
Check one of the boxes above. Default is "0 = 0-10V".

Configuration Screen #27

VCM Cnfg ID 59
Air To Air Heat Pump
Control: NO
[0=NO 1=YES]

☐ **0 = NO**
☐ **1 = YES**
Check one of the boxes above. Default is "0 = NO".

Configuration Screen #28

VCM Cnfg ID 59
Rev. Valve Active
Control: Heat
[0=Heat 1=Cool]

☐ **0 = Heat**
☐ **1 = Cool**
Check one of the boxes above. Default is "0 = Heat".

Configuration Screen #29

VCM Cnfg ID 59
Smoke Detector
Input: NO
[0=NO 1=YES]

☐ **0 = NO**
☐ **1 = YES**
Check one of the boxes above. Default is "0 = NO".

Configuration Screen #30

VCM Cnfg ID 59
Return Air Bypass
Control: NO
[0=NO 1=YES]

☐ **0 = NO**
☐ **1 = YES**
Check one of the boxes above. Default is "0 = NO".

Configuration Screen #31

VCM Cnfg ID 59
Broadcast Outdoor
Temperature: NO
[0=NO 1=YES]

☐ **0 = NO**
☐ **1 = YES**
Check one of the boxes above. Default is "0 = NO".

Configuration Screen #32

VCM Cnfg ID 59
Broadcast Outdoor
Humidity: NO
[0=NO 1=YES]

☐ **0 = NO**
☐ **1 = YES**
Check one of the boxes above. Default is "0 = NO".

Configuration Screen #33

VCM Cnfg ID 59
Broadcast Supply
Temperature: NO
[0=NO 1=YES]

☐ **0 = NO**
☐ **1 = YES**
Check one of the boxes above. Default is "0 = NO".

Configuration Screen #34

VCM Cnfg ID 59
Broadcast Status
Fan & Heat: NO
[0=NO 1=YES]

☐ **0 = NO**
☐ **1 = YES**
Check one of the boxes above. Default is "0 = NO".

Configuration Screen #35

VCM Cnfg ID 59
Broadcast Internal
Time Clock: NO
[0=NO 1=YES]

☐ **0 = NO**
☐ **1 = YES**
Check one of the boxes above. Default is "0 = NO".

Configuration Screen #36

VCM Cnfg ID 59
Broadcast Internal
Schedule: NO
[0=NO 1=YES]

☐ **0 = NO**
☐ **1 = YES**
Check one of the boxes above. Default is "0 = NO".

Configuration Screen #37

VCM Cnfg ID 59
Broadcast VAV Boxes
Force To Max : YES
[0=NO 1=YES]

☐ **0 = NO**
☐ **1 = YES**
Check one of the boxes above. Default is "1 = YES".

Configuration Screen #38

VCM Cnfg ID 59
Broadcast VAV Boxes
Force To Fixed : NO
[0=NO 1=YES]

☐ **0 = NO**
☐ **1 = YES**
Check one of the boxes above. Default is "0 = NO".

Configuration Screen #39

VCM Cnfg ID 59
Enable Broadcast To
Multiple Loops: NO
[0=NO 1=YES]

☐ **0 = NO**
☐ **1 = YES**
Check one of the boxes above. Default is "0 = NO".

Configuration Screen #40

VCM Cnfg ID 59
Unit Uses R410A
Refrigerant
[0=NO 1=YES]

☐ **0 = NO**
☐ **1 = YES**
Check one of the boxes above. Default is "0 = NO".

Configuration Screen #41

VCM Cnfg ID 59
Cooling Stage Delays
Staging Up...: 3 Min
Staging Down : 1 Min

In the first box above enter a value from 3 to 15. The default value is "3".
In the second box above enter a value from 1 to 15. The default value is "1".

Configuration Screen #42

VCM Cnfg ID 59
Cooling Stage Delays
Min Run Time: 5 Min
Min Off Time: 3 Min

In the first box above enter a value from 3 to 15. The default value is "5".
In the second box above enter a value from 1 to 15. The default value is "3".

Configuration Screen #43

VCM Cnfg ID 59
Heating Stage Delays
Staging Up...: 3 Min
Staging Down : 1 Min

In the first box above enter a value from 3 to 15. The default value is “3”.
In the second box above enter a value from 1 to 15. The default value is “1”.

Configuration Screen #44

VCM Cnfg ID 59
Heating Stage Delays
Min Run Time: 2 Min
Min Off Time: 1 Min

In the first box above enter a value from 2 to 15. The default value is “2”.
In the second box above enter a value from 1 to 15. The default value is “1”

Configuration Screen #45

VCM Cnfg ID 59
Relay Configurations
Rly 2: Not Used
Press “0” To Change

- ☐ **Not Used**
- ☐ **Cooling Stage**
- ☐ **Heating Stage**
- ☐ **Warm-up Mode**
- ☐ **Reversing Valve**
- ☐ **Reheat**
- ☐ **Pre-Heater**
- ☐ **Exhaust Fan**
- ☐ **Override**
- ☐ **Occupied**
- ☐ **Economizer**

Check one of the boxes above. Default is “Not Used”.

Relays #2 through #21can be individually configured. By using all (4) of the available 4 Relay Expansion Boards and the 4 relay outputs available on the VCM controller, you have the ability to configure up to a combined total of 20, Heating Stages, cooling stages, and the other options listed above. Only the Heating and Cooling relays can be configured with multiple outputs. If any other option is selected more than once, it will simply activate redundant relays but no multiple staging will occur.

Configuration Screen #46

VCM Cnfg ID 59
Relay Configurations
Rly 3: Not Used
Press “0” To Change

- ☐ **Not Used**
- ☐ **Cooling Stage**
- ☐ **Heating Stage**
- ☐ **Warm-up Mode**
- ☐ **Reversing Valve**
- ☐ **Reheat**
- ☐ **Pre-Heater**
- ☐ **Exhaust Fan**
- ☐ **Override**
- ☐ **Occupied**
- ☐ **Economizer**

Check one of the boxes above. Default is “No Reset”.

Configuration Screen #47

VCM Cnfg ID 59
Relay Configurations
Rly 4: Not Used
Press “0” To Change

- ☐ **Not Used**
- ☐ **Cooling Stage**
- ☐ **Heating Stage**
- ☐ **Warm-up Mode**
- ☐ **Reversing Valve**
- ☐ **Reheat**
- ☐ **Pre-Heater**
- ☐ **Exhaust Fan**
- ☐ **Override**
- ☐ **Occupied**
- ☐ **Economizer**

Check one of the boxes above. Default is “No Reset”.

Configuration Screen #48

VCM Cnfg ID 59
Relay Configurations
Rly 5: Not Used
Press “0” To Change

- ☐ **Not Used**
- ☐ **Cooling Stage**
- ☐ **Heating Stage**
- ☐ **Warm-up Mode**
- ☐ **Reversing Valve**
- ☐ **Reheat**
- ☐ **Pre-Heater**
- ☐ **Exhaust Fan**
- ☐ **Override**
- ☐ **Occupied**
- ☐ **Economizer**

Check one of the boxes above.

Configuration Screen #49

VCM Cnfg ID 59
Relay Configurations
Rly 6: Not Used
Press “0” To Change

- ☐ **Not Used**
- ☐ **Cooling Stage**
- ☐ **Heating Stage**
- ☐ **Warm-up Mode**
- ☐ **Reversing Valve**
- ☐ **Reheat**
- ☐ **Pre-Heater**
- ☐ **Exhaust Fan**
- ☐ **Override**
- ☐ **Occupied**
- ☐ **Economizer**

Check one of the boxes above.

Configuration Screen #50

VCM Cnfg ID 59
Relay Configurations
Rly 7: Not Used
Press “0” To Change

- ☐ **Not Used**
- ☐ **Cooling Stage**
- ☐ **Heating Stage**
- ☐ **Warm-up Mode**
- ☐ **Reversing Valve**
- ☐ **Reheat**
- ☐ **Pre-Heater**
- ☐ **Exhaust Fan**
- ☐ **Override**
- ☐ **Occupied**
- ☐ **Economizer**

Check one of the boxes above.

Configuration Screen #51

VCM Cnfg ID 59
Relay Configurations
Rly 8: Not Used
Press “0” To Change

- ☐ **Not Used**
- ☐ **Cooling Stage**
- ☐ **Heating Stage**
- ☐ **Warm-up Mode**
- ☐ **Reversing Valve**
- ☐ **Reheat**
- ☐ **Pre-Heater**
- ☐ **Exhaust Fan**
- ☐ **Override**
- ☐ **Occupied**
- ☐ **Economizer**

Check one of the boxes above.

Configuration Screen #52

VCM Cnfg ID 59
Relay Configurations
Rly 9x: Not Used
Press “0” To Change

- ☐ **Not Used**
- ☐ **Cooling Stage**
- ☐ **Heating Stage**
- ☐ **Warm-up Mode**
- ☐ **Reversing Valve**
- ☐ **Reheat**
- ☐ **Pre-Heater**
- ☐ **Exhaust Fan**
- ☐ **Override**
- ☐ **Occupied**
- ☐ **Economizer**

Check one of the boxes above.

Configuration Screen #53

VCM Cnfg ID 59
Relay Configurations
Rly 10: Not Used
Press “0” To Change

- ☐ **Not Used**
- ☐ **Cooling Stage**
- ☐ **Heating Stage**
- ☐ **Warm-up Mode**
- ☐ **Reversing Valve**
- ☐ **Reheat**
- ☐ **Pre-Heater**
- ☐ **Exhaust Fan**
- ☐ **Override**
- ☐ **Occupied**
- ☐ **Economizer**

Check one of the boxes above.

Configuration Screen #54

VCM Cnfg ID 59
Relay Configurations
Rly 11: Not Used
Press “0” To Change

- ☐ **Not Used**
- ☐ **Cooling Stage**
- ☐ **Heating Stage**
- ☐ **Warm-up Mode**
- ☐ **Reversing Valve**
- ☐ **Reheat**
- ☐ **Pre-Heater**
- ☐ **Exhaust Fan**
- ☐ **Override**
- ☐ **Occupied**
- ☐ **Economizer**

Check one of the boxes above.

Configuration Screen #55

VCM Cnfg ID 59
Relay Configurations
Rly 12: Not Used
Press "0" To Change

- ☐ **Not Used**
- ☐ **Cooling Stage**
- ☐ **Heating Stage**
- ☐ **Warm-up Mode**
- ☐ **Reversing Valve**
- ☐ **Reheat**
- ☐ **Pre-Heater**
- ☐ **Exhaust Fan**
- ☐ **Override**
- ☐ **Occupied**
- ☐ **Economizer**

Check one of the boxes above.

Configuration Screen #56

VCM Cnfg ID 59
Relay Configurations
Rly 13: Not Used
Press "0" To Change

- ☐ **Not Used**
- ☐ **Cooling Stage**
- ☐ **Heating Stage**
- ☐ **Warm-up Mode**
- ☐ **Reversing Valve**
- ☐ **Reheat**
- ☐ **Pre-Heater**
- ☐ **Exhaust Fan**
- ☐ **Override**
- ☐ **Occupied**
- ☐ **Economizer**

Check one of the boxes above.

Configuration Screen #57

VCM Cnfg ID 59
Relay Configurations
Rly 14: Not Used
Press "0" To Change

- ☐ **Not Used**
- ☐ **Cooling Stage**
- ☐ **Heating Stage**
- ☐ **Warm-up Mode**
- ☐ **Reversing Valve**
- ☐ **Reheat**
- ☐ **Pre-Heater**
- ☐ **Exhaust Fan**
- ☐ **Override**
- ☐ **Occupied**
- ☐ **Economizer**

Check one of the boxes above.

Configuration Screen #58

VCM Cnfg ID 59
Relay Configurations
Rly 15: Not Used
Press "0" To Change

- ☐ **Not Used**
- ☐ **Cooling Stage**
- ☐ **Heating Stage**
- ☐ **Warm-up Mode**
- ☐ **Reversing Valve**
- ☐ **Reheat**
- ☐ **Pre-Heater**
- ☐ **Exhaust Fan**
- ☐ **Override**
- ☐ **Occupied**
- ☐ **Economizer**

Check one of the boxes above.

Configuration Screen #59

VCM Cnfg ID 59
Relay Configurations
Rly 16: Not Used
Press "0" To Change

- ☐ **Not Used**
- ☐ **Cooling Stage**
- ☐ **Heating Stage**
- ☐ **Warm-up Mode**
- ☐ **Reversing Valve**
- ☐ **Reheat**
- ☐ **Pre-Heater**
- ☐ **Exhaust Fan**
- ☐ **Override**
- ☐ **Occupied**
- ☐ **Economizer**

Check one of the boxes above.

Configuration Screen #60

VCM Cnfg ID 59
Relay Configurations
Rly 17: Not Used
Press "0" To Change

- ☐ **Not Used**
- ☐ **Cooling Stage**
- ☐ **Heating Stage**
- ☐ **Warm-up Mode**
- ☐ **Reversing Valve**
- ☐ **Reheat**
- ☐ **Pre-Heater**
- ☐ **Exhaust Fan**
- ☐ **Override**
- ☐ **Occupied**
- ☐ **Economizer**

Check one of the boxes above.

Configuration Screen #61

VCM Cnfg ID 59
Relay Configurations
Rly 18: Not Used
Press “0” To Change

- ☐ **Not Used**
- ☐ **Cooling Stage**
- ☐ **Heating Stage**
- ☐ **Warm-up Mode**
- ☐ **Reversing Valve**
- ☐ **Reheat**
- ☐ **Pre-Heater**
- ☐ **Exhaust Fan**
- ☐ **Override**
- ☐ **Occupied**
- ☐ **Economizer**

Check one of the boxes above.

Configuration Screen #62

VCM Cnfg ID 59
Relay Configurations
Rly 19: Not Used
Press “0” To Change

- ☐ **Not Used**
- ☐ **Cooling Stage**
- ☐ **Heating Stage**
- ☐ **Warm-up Mode**
- ☐ **Reversing Valve**
- ☐ **Reheat**
- ☐ **Pre-Heater**
- ☐ **Exhaust Fan**
- ☐ **Override**
- ☐ **Occupied**
- ☐ **Economizer**

Check one of the boxes above.

Configuration Screen #63

VCM Cnfg ID 59
Relay Configurations
Rly 20: Not Used
Press “0” To Change

- ☐ **Not Used**
- ☐ **Cooling Stage**
- ☐ **Heating Stage**
- ☐ **Warm-up Mode**
- ☐ **Reversing Valve**
- ☐ **Reheat**
- ☐ **Pre-Heater**
- ☐ **Exhaust Fan**
- ☐ **Override**
- ☐ **Occupied**
- ☐ **Economizer**

Check one of the boxes above.

Configuration Screen #64

VCM Cnfg ID 59
Relay Configurations
Rly 21: Not Used
Press “0” To Change

- ☐ **Not Used**
- ☐ **Cooling Stage**
- ☐ **Heating Stage**
- ☐ **Warm-up Mode**
- ☐ **Reversing Valve**
- ☐ **Reheat**
- ☐ **Pre-Heater**
- ☐ **Exhaust Fan**
- ☐ **Override**
- ☐ **Occupied**
- ☐ **Economizer**

Check one of the boxes above.

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Setpoint Screen #1

VCM Spts ID 59
HVAC Mode Setpoints
Cooling.....: 75°F
Heating.....: 70°F

In the first box above enter a value from 0 to 90. The default value is “75”. In the second box above enter a value from 0 to 90. The default value is “70”.

Setpoint Screen #2

VCM Spts ID 59
HVAC Mode Select
Deadband: 1.0°F

In the box above enter a value from 0 to 10. The default value is “1.0”.

Setpoint Screen #3

VCM Spts ID 59
Unoccupied Setbacks
Cooling: 30°F
Heating: 30°F

In the first box above enter a value from 0 to 30. The default value is “30”. In the second box above enter a value from 0 to 30. The default value is “30”.

Setpoint Screen #4

VCM Spts ID 59
SAT/Reset Source
Cooling Spt: 55°F
Heating Spt: 120°F

In the first box above enter a value from 30 to 80. The default value is “55”. In the second box above enter a value from 50 to 200. The default value is “120”.

Setpoint Screen #5

VCM Spts ID 59
Remote SAT Reset
Cooling Spt: 55°F
Heating Spt: 120°F

In the first box above enter a value from 30 to 80. (Note: The minimum value is whatever value you entered for the SAT Reset Source Cooling Spt in Screen 4). The default value is “55”. In the second box above enter a value from 50 to 200. (Note: The minimum value is whatever value you entered for the SAT Reset Source Heating Spt in Screen 4). The default value is “120”.

Setpoint Screen #6

VCM Spts ID 59
Stage Control Window
Cooling...: 5°F
Heating...: 5°F

In the first box above enter a value from 1 to 20. The default value is “5”. In the second box above enter a value from 1 to 20. The default value is “5”.

Setpoint Screen #7

VCM Spts ID 59
Outdoor Air Lockouts
Cooling...: 50°F
Heating...: 70°F

In the first box above enter a value from 0 to 80. The default value is “50”. In the second box above enter a value from 50 to 90. The default value is “70”.

Setpoint Screen #8

VCM Spts ID 59
Cutoff
Lo SAT: 40°F
Hi SAT: 170°F

In the first box above enter a value from 0 to 250. The default value is “40”. In the second box above enter a value from 0 to 250. The default value is “170”.

Setpoint Screen #9

VCM Spts ID 5
Minimum Supply
Fan VFD Speed
For Heating: 30%

In the box above enter a value from 0 to 100. The default value is “30”.

Setpoint Screen #10

VCM Spts ID 59
Morning Warm Up
Target Temp: 72°F
Max Length..: 60 Min

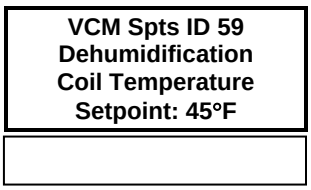
In the first box above enter a value from 50 to 90. The default value is “72”. In the second box above enter a value from 0 to 240. The default value is “60”.

Setpoint Screen #11

VCM Spts ID 59
Dehumidification Spt
Indoor RH..: 50%
OA Dewpoint: 55°F

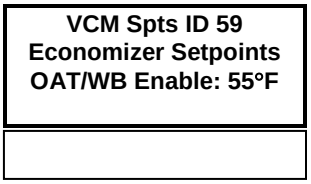
In the first box above enter a value from 1 to 100. The default value is “50”. In the second box above enter a value from 35 to 80. The default value is “55”.

Setpoint Screen #12



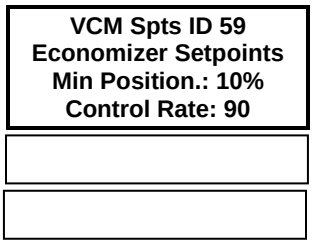
In the box above enter a value from 35 to 70. The default value is “45”.

Setpoint Screen #13



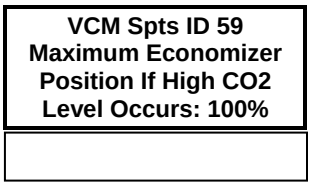
In the box above enter a value from 0 to 80. The default value is “55”.

Setpoint Screen #14



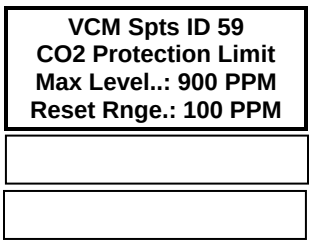
In the first box above enter a value from 0 to 100. The default value is “10”. In the second box above enter a value from 10 to 99. The default value is “90”.

Setpoint Screen #15



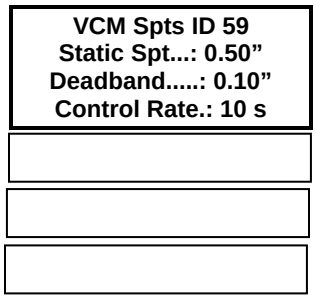
In the box above enter a value from 0 to 100. (Note the minimum is whatever value you set for Economizer Min. Position on Screen 14 above).The default value is “100”.

Setpoint Screen #16



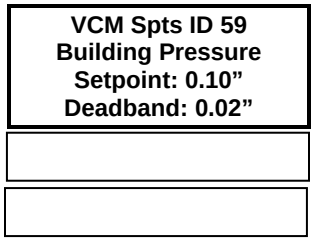
In the first box above enter a value from 0 to 3000. The default value is “900”. In the second box above enter a value from 0 to 1500. The default value is “100”.

Setpoint Screen #17



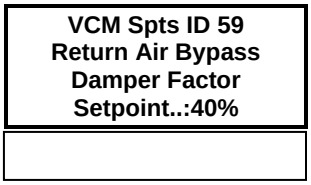
In the first box above enter a value from 0.10 to 3.0. The default value is “0.50”. In the second box above enter a value from 0.01 to 1.0. The default value is “1.0”. In the third box above enter a value from 1 to 30. The default value is 10.

Setpoint Screen #18



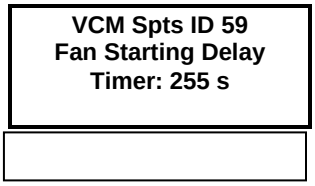
In the first box above enter a value from -0.20 to 0.20. The default value is “0.10”. In the second box above enter a value from 0.01 to 0.10. The default value is “0.02”.

Setpoint Screen #19



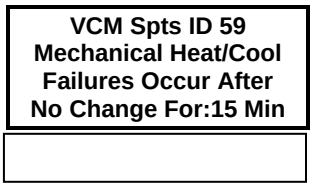
In the box above enter a value from 0 to 100. The default value is “40”.

Setpoint Screen #20



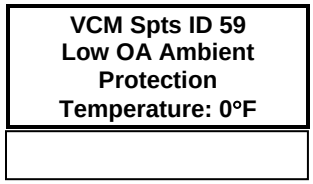
In the box above enter a value from 0 to 255. The default value is “255”.

Setpoint Screen #21



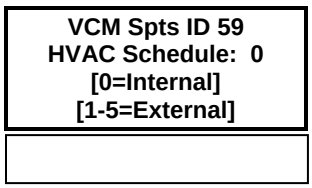
In the box above enter a value from 0 to 255. The default value is “15”.

Setpoint Screen #22



In the box above enter a value from 0 to 100. The default value is “0”.

Setpoint Screen #23



In the box above enter a value from 0 to 5. The default value is “0”.

Setpoint Screen #24

VCM Spts ID 59
Push-Button Override
Duration: 2.0 Hr

In the box above enter a value from 0 to 8.0. The default value is “2.0”.

Setpoint Screen #25

VCM Spts ID 59
HVAC Mode Sensor
Slide Offset: 0°F

In the box above enter a value from 0 to 10. The default value is “0”.

Setpoint Screen #26

VCM Spts ID 59
Air To Air Heat Pump
Auxiliary Heating
Delay: 3 Min

In the box above enter a value from 0 to 30. The default value is “3”.

Setpoint Screen #27

VCM Spts ID 59
Internal Schedule
Optimal Start Soak
Multiplier: 0.0

In the box above enter a value from 0 to 30. The default value is “3”.

Setpoint Screen #28

VCM Spts ID 59
Sensor Calibration
SPC: 72.0°F 0.00°F
SAT: 55.0°F 0.00°F

See setpoint information following Screen #29.

Setpoint Screen #29

VCM Spts ID 59
Sensor Calibration
RAT: 78.0°F 0.00°F
OAT: 85.0°F 0.00°F

Setpoint screens 28 and 29 allow you to calibrate any sensors that are not reading correctly. In the boxes above for the sensor(s) you wish to calibrate, enter a value from -100 to +100. The default value is “0”. The value shown to the immediate right of the sensor designation (SPC:,SAT:, RAT:, OAT:) is the actual temperature the sensor is reading plus the offset temperature amount you have entered. The far right value indicates the amount of calibration offset you have entered for that sensor.

Notes: