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VCCX2 Controller - Configuration & 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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Form: VCCX2-ConfigSetpoints-1E-IA.PDF
Based on: SS1088 v. 1.19
Date: 11-27-18

Configuration Screen #1

VCCX2 Cnfg ID 119
Sensor Scaling
Fahrenheit
Use < or > To Change

◉ **Fahrenheit**
◯ **Celsius**

Check one of the boxes above. Default is "Fahrenheit".

Configuration Screen #2

VCCX2 Cnfg ID 119
RSM#1 Installed: NO
RSM#2 Installed: NO
Use < or > To Change

RSM#1	**RSM#2**
◉ **NO**	◉ **NO**
◯ **YES**	◯ **YES**

Check one of the boxes above. Default is "NO".

Configuration Screen #3

VCCX2 Cnfg ID 119
RSM#3 Installed: NO
RSM#4 Installed: NO
Use < or > To Change

RSM#3	**RSM#4**
◉ **NO**	◉ **NO**
◯ **YES**	◯ **YES**

Check one of the boxes for each category above. Default is "NO".

Configuration Screen #4

VCCX2 Cnfg ID 119
RSMSD Installed: NO
RSM Type: VFD
Use < or > To Change

RSMSD	**RSM TYPE**
◉ **NO**	◉ **VFD**
◯ **YES**	◯ **DIGITAL**

Check one of the boxes for each category above. Defaults are "NO" and "VFD".

Configuration Screen #5

VCCX2 Cnfg ID 119
EM1 Installed: NO
12RLY Install: NO
Use < or > To Change

EM1	**12 RLY**
◉ **NO**	◉ **NO**
◯ **YES**	◯ **YES**

Check one of the boxes above for each selection. Defaults are "NO".

Configuration Screen #6

VCCX2 Cnfg ID 119
MHGRV Installed: NO
EXP Installed: NO
Use < or > To Change

MHGRV	**EXP**
◉ **NO**	◉ **NO**
◯ **YES**	◯ **YES**

Check one of the boxes for each category above. Defaults are "NO".

Configuration Screen #7

VCCX2 Cnfg ID 119
MODGS Installed: NO
XWR#2 Installed: NO
Use < or > To Change

MODGAS	**XWR#2**
◉ **NO**	◉ **NO**
◯ **YES**	◯ **YES**

Check one of the boxes for each category above. Defaults are "NO".

Configuration Screen #8

VCCX2 Cnfg ID 119
Preheat-X
Installed: NO
Use < or > To Change

◉ **NO**
◯ **YES**

Check one of the boxes above. Default is "NO".

Configuration Screen #9

VCCX2 Cnfg ID 119
HVAC Source
Supply Air
Use < or > To Change

◉ **Supply Air**
◯ **Supply Air/Tempering**
◯ **Outdoor Air**
◯ **Return Air**
◯ **Space Temperature**
◯ **Space Temperature with High % OA**
◯ **Single Zone VAV**

Check one of the boxes above. Default is "Supply Air".

Configuration Screen #10

VCCX2 Cnfg ID 119
HVAC Mode Set By
Remote Contact: NO
Use < or > To Change

◉ **NO**
◯ **YES**

Check one of the boxes above. Default is "NO".

Configuration Screen #11

VCCX2 Cnfg ID 119
SAT Reset Source
No Reset
Use < or > To Change

◉ **No Reset**
◯ **Space Temperature**
◯ **Outdoor Temperature**
◯ **Return Air Temperature**
◯ **Fan VFD Signal**
◯ **Remote Voltage**

Check one of the boxes above. Default is "No Reset".

Configuration Screen #12

VCCX2 Cnfg ID 119
Reset Interval
Rate: 30 s
[1 - 255 Seconds]

Enter 1 to 255 seconds above. Default is "30 Seconds".

Configuration Screen #13

VCCX2 Cnfg ID 119
Space Sensor Type
None
Use < or > To Change

◉ **None**
◯ **Analog**
◯ **E-BUS Temp/ RH**
◯ **Receive Broadcast**
◯ **Remote Sensor**
◯ **Use BACnet Temp/RH**

Check one of the boxes above. Default is "None".

Configuration Screen #14

VCCX2 Cnfg ID 119
Read Space RH
Broadcast: NO
Use < or > To Change

◯ **YES**
◉ **NO**

Check one of the boxes above. Default is "NO".

Configuration Screen #15

VCCX2 Cnfg ID 119
Remote Space Sensor
Board Address: 0

Enter the address. Default is "0".

Configuration Screen #16

VCCX2 Cnfg ID 119
E-BUS SPC/RH Sensor
Enable Alarm LED

- (•) **Enable Alarm LED**
- ( ) **Disable Alarm LED**

Check one of the boxes above. Default is "Enable Alarm LED".

Configuration Screen #17

VCCX2 Cnfg ID 119
Outdoor Sensor Type
None
Use < or > To Change

- (•) **None**
- ( ) **Analog**
- ( ) **E-BUS OAT/ RH**
- ( ) **Receive Broadcast**
- ( ) **Use BACnet OAT/RH**

Check one of the boxes above. Default is "None".

Configuration Screen #18

VCCX2 Cnfg ID 119
Return Sensor Type
NONE
Use < or > To Change

- (•) **None**
- ( ) **Analog**
- ( ) **E-BUS Temp/RH**

Check one of the boxes above. Default is "NONE".

Configuration Screen #19

VCCX2 Cnfg ID 119
Static Pr Control
Fan VFD / SZ VAV
Use < or > To Change

- ( ) **None**
- (•) **Fan VFD / SZ VAV**
- ( ) **Bypass Damper**

Check one of the boxes above. Default is "Fan VFD / SZ VAV".

Configuration Screen #20

VCCX2 Cnfg ID 119
Static/Fan Control
Rate: 10 s
[1 – 30 Seconds]

Enter 1 to 30 seconds above. Default is "10 seconds".

Configuration Screen #21

VCCX2 Cnfg ID 119
Static Pr Control
Max Adjust: 5%
[1 – 30%]

Enter 1 to 30 percent above. Default is "5 percent".

Configuration Screen #22

VCCX2 Cnfg ID 119
Fan Voltage Output
Min Volts: 0.0 VDC
Max Volts: 10.0 VDC

In the first box, enter 0 to 10. Default is "0 Volts". In the second box, enter 0 to 10. Default is "10 Volts."

Configuration Screen #23

VCCX2 Cnfg ID 119
Fan Cycle Mode
NO
Use < or > To Change

◉ **NO**
○ **YES**
Check one of the boxes above. Default is "NO".

Configuration Screen #24

VCCX2 Cnfg ID 119
Fan Runs During
Unoccupied: NO
Use < or > To Change

◉ **NO**
○ **YES**
Check one of the boxes above. Default is "NO".

Configuration Screen #25

VCCX2 Cnfg ID 119
Fan Proving
NO
Use < or > To Change

◉ **NO**
○ **YES**
Check one of the boxes above. Default is "NO".

Configuration Screen #26

VCCX2 Cnfg ID 119
Fan Starting
Delay: -1 s
[-1 = Unit Addr x 5]

Enter -1 to 240 seconds above. Default is "-1 seconds". -1 = multiply controller address by 5 seconds.

Configuration Screen #27

VCCX2 Cnfg ID 119
Purge Mode
Delay: 30 s
[0 – 900 Seconds]

Enter 0 to 900 seconds above. Default is "30 seconds".

Configuration Screen #28

VCCX2 Cnfg ID 119
Heat Type
No Heat
Use < or > To Change

◉ **No Heat**
○ **Staged Only**
○ **Mod Heat Only**
○ **Modgas-x Then Staged**
○ **Mod Heat Then Staged**
Check one of the boxes above. Default is "No Heat".

Configuration Screen #29

VCCX2 Cnfg ID 119
Mod Heat Volt Output
Min Pos Volts: 0.0
Max Pos Volts: 10.0

In the first box, enter 0 to 10. Default is "0 Volts". In the second box, enter 0 to 10. Default is "10 Volts."

Configuration Screen #30

VCCX2 Cnfg ID 119
Cool Type
Refrigeration Module
Use < or > To Change

◉ **Refrigeration Module**
○ **Staged Only**
○ **Mod Only**
Check one of the boxes above. Default is "Refrigeration Module".

Configuration Screen #31

VCCX2 Cnfg ID 119
Chilled Water Valve
0-10VDC
Use < or > To Change

◉ **0-10 VDC**
○ **2-10 VDC**
Check one of the boxes above. Default is "0-10 VDC".

Configuration Screen #32

VCCX2 Cnfg ID 119
Mech Heat/Cool
Alarm Delay: 15 Min

Enter 0 to 240 minutes above. Default is "15 Minutes".

Configuration Screen #33

VCCX2 Cnfg ID 119
Econo Control Type
No Economizer
Use < or > To Change

- **No Economizer**
- **Standard Economizer**
- **IAQ Economizer (Economizer with CO_2 Override)**

Check one of the boxes above. Default is "No Economizer".

Configuration Screen #34

VCCX2 Cnfg ID 119
Title 24
Economizer: NO
Use < or > To Change

- **NO**
- **YES**

Check one of the boxes above. Default is "NO".

Configuration Screen #35

VCCX2 Cnfg ID 119
Econo Control In
Unoc Mode: NO
Use < or > To Change

- **NO**
- **YES**

Check one of the boxes above. Default is "NO".

Configuration Screen #36

VCCX2 Cnfg ID 119
Econo Enable Source
Drybulb
Use < or > To Change

- **Drybulb**
- **Wetbulb (OA RH Sensor needed)**
- **Dewpoint (OA RH Sensor needed)**
- **Comparative Enthalpy (E-BUS OA RH & E-BUS RA RH Sensors needed)**

Check one of the boxes above. Default is "Drybulb".

Configuration Screen #37

VCCX2 Cnfg ID 119
Economizer Control
Rate: 10 s
Prop Window: 10.0°F

In the first box, enter 1 to 30. Default is "10 seconds". In the second box, enter 1.0 to 30.0. Default is "10.0."

Configuration Screen #38

VCCX2 Cnfg ID 119
Econo Voltage Output
Min Volts: 2.0 VDC
Max Volts: 10.0 VDC

In the first box, enter 0 to 10. Default is "2 VDC". In the second box, enter 0 to 10. Default is "10 VDC."

Configuration Screen #39

VCCX2 Cnfg ID 119
CO2 Sensor Installed
None
Use < or > To Change

- **None**
- **E-Bus CO2**
- **Receive Broadcast**
- **Future Use**
- **Use BACnet CO2**

Check one of the boxes above. Default is "None".

Configuration Screen #40

VCCX2 Cnfg ID 119
Building Pr. Sensor
None
Use < or > To Change

- **None**
- **Analog**
- **Receive Broadcast**
- **Use BACnet Reading**

Check one of the boxes above. Default is "None".

Configuration Screen #41

VCCX2 Cnfg ID 119
Building Pr. Control
None
Use < or > To Change

- **None**
- **On/Off Exhaust Relay**
- **Modulating Exhaust**
- **Outdoor Air Damper**
- **Supply Fan**
- **Duct Static Control**

Check one of the boxes above. Default is "None".

Configuration Screen #42

VCCX2 Cnfg ID 119
Building Pr. Control
Rate: 10 Sec
[1 – 30 Seconds]

Enter 1 to 30 seconds. Default is "10 seconds".

Configuration Screen #43

VCCX2 Cnfg ID 119
Building Pr. Control
Max Adjust: 5%
[1 – 30%]

Enter 1 to 30. Default is "5 percent".

Configuration Screen #44

VCCX2 Cnfg ID 119
Exh Fan Volts
Min Volts: 0.0 VDC
Max Volts: 10.0 VDC

In the first box, enter 0 to 10. Default is "0 VDC". In the second box, enter 0 to 10. Default is "10 VDC."

Configuration Screen #45

VCCX2 Cnfg ID 119
Heat Pump Config
No Heat Pump
Use < or > To Change]

- (•) **No Heat Pump**
- ( ) **Air/Air Fail to Heat**
- ( ) **Air/Air Fail to Cool**
- ( ) **WSHP Fail to Heat**
- ( ) **WSHP Fail to Cool**
- ( ) **Waterside Condenser**

Check one of the boxes above. Default is "No Heat Pump".

Configuration Screen #46

VCCX2 Cnfg ID 119
WSHP Glycol
Percentage: 0%
Use < or > To Change

Enter 0-40 in increments of 5. Default is "0%".

Configuration Screen #47

VCCX2 Cnfg ID 119
Aux Heat Type
No Aux Heat
Use < or > To Change

- (•) **No Aux Heat**
- ( ) **Staged Only**
- ( ) **Mod Heat Only**
- ( ) **Modgas-x Then Staged**
- ( ) **Mod Heat Then Staged**

Check one of the boxes above. Default is "No Aux Heat".

Configuration Screen #48

VCCX2 Cnfg ID 119
Dehum. Control
None
Use < or > To Change

- (•) **None**
- ( ) **Only Occupied Vent**
- ( ) **Only Vent Anytime**
- ( ) **All Modes Occupied**
- ( ) **All Modes Anytime**

Check one of the boxes above. Default is "None".

Configuration Screen #49

VCCX2 Cnfg ID 119
Humidity Control
Sensor: Space
Use < or > To Change

- (•) **Space**
- ( ) **Return**

Check one of the boxes above. Default is "Space".

Configuration Screen #50

VCCX2 Cnfg ID 119
Reheat Control
None
Use < or > To Change

- (•) **None**
- ( ) **On/Off HGR Relay**
- ( ) **Modulating HGR**
- ( ) **Unit Heat**
- ( ) **Mod HGR + Unit Heat**
- ( ) **On/Off HGR + Unit Heat**
- ( ) **Mod HGR + Aux Heat**

Check one of the boxes above. Default is "None".

Configuration Screen #51

VCCX2 Cnfg ID 119
Airflow
Station: Paragon
Use < or > To Change

- (•) **Paragon**
- ( ) **Ebtron**

Check one of the boxes above. Default is "Paragon".

Configuration Screen #52

VCCX2 Cnfg ID 119
Monitor OA Airflow
NO
Use < or > To Change

- (•) **NO**
- ( ) **YES**

Check one of the boxes above. Default is "NO".

Configuration Screen #53

VCCX2 Cnfg ID 119
Control Outdoor Air
CFM w/Damper: NO
Use < or > To Change

- ( ) **NO**
- ( ) **YES**

Check one of the boxes above. Default is "NO".

Configuration Screen #54

VCCX2 Cnfg ID 119
Control Outdoor Air
CFM w/VFD: NO
Use < or > To Change

- ( ) **NO**
- ( ) **YES**

Check one of the boxes above. Default is "NO".

Configuration Screen #55

VCCX2 Cnfg ID 119
Outdoor Airflow Duct
Size: 0.00
[In Square Feet]

Enter the inside area in sq ft of the OA duct/damper, accurate to two decimal places. Range is 0-200. Default is "0".

Configuration Screen #56

VCCX2 Cnfg ID 119
Monitor SA Airflow
NO
Use < or > To Change

- (•) **NO**
- ( ) **YES**

Check one of the boxes above. Default is "NO".

Configuration Screen #57

VCCX2 Cnfg ID 119
Supply Airflow Duct
Size: 0.00
[In Square Feet]

Enter the inside area in sq ft of the supply air duct/damper, accurate to two decimal places. Range is 0-200. Default is "0".

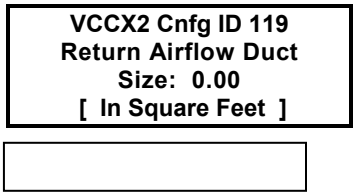
Configuration Screen #58

VCCX2 Cnfg ID 119
Monitor RA Airflow
NO
Use < or > To Change

- (•) **NO**
- ( ) **YES**

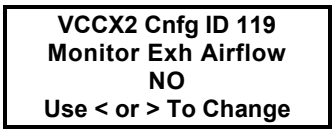
Check one of the boxes above. Default is "NO".

Configuration Screen #59



Enter the inside area in square feet of the return air duct/damper, accurate to two decimal places. Range is 0-200. Default is "0".

Configuration Screen #60

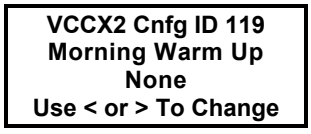


◉ **NO**
○ **YES**
Check one of the boxes above. Default is "NO".

Configuration Screen #61

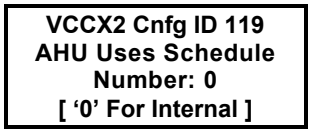
Enter the inside area in square feet of the exhaust air duct/damper, accurate to two decimal places. Range is 0-200. Default is "0".

Configuration Screen #62



◉ **None**
○ **Stand-Alone**
○ **Broadcast Fixed to Boxes**
○ **Broadcast Max to Boxes**
Check one of the boxes above. Default is "None".

Configuration Screen #63

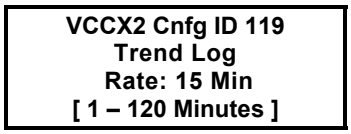


Enter 0-8. Default is "0".

Configuration Screen #64

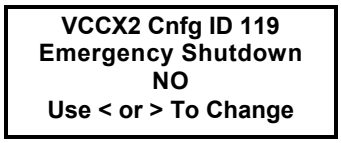
In the first box, enter 0 to 1231. Default is "0". In the second box, enter 0 to 1231. Default is "0".

Configuration Screen #65



Enter 1 to 120 minutes. Default is "15 minutes".

Configuration Screen #66

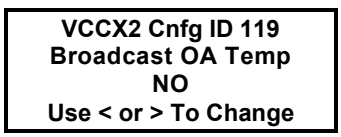


◉ **NO**
○ **YES**
Check one of the boxes above. Default is "NO".

Configuration Screen #67

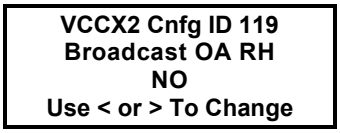
◉ **NO**
○ **YES**
Check one of the boxes above. Default is "NO".

Configuration Screen #68



◉ **NO**
○ **YES**
Check one of the boxes above. Default is "NO".

Configuration Screen #69



◉ **NO**
○ **YES**
Check one of the boxes above. Default is "NO".

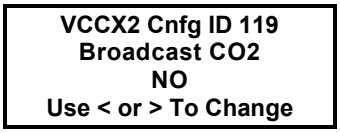
Configuration Screen #70

◉ **NO**
○ **YES**
Check one of the boxes above. Default is "NO".

Configuration Screen #71

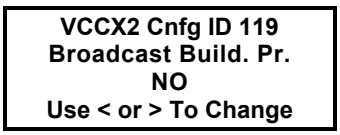
◉ **NO**
○ **YES**
Check one of the boxes above. Default is "NO".

Configuration Screen #72



◉ **NO**
○ **YES**
Check one of the boxes above. Default is "NO".

Configuration Screen #73



◉ **NO**
○ **YES**
Check one of the boxes above. Default is "NO".

Configuration Screen #74

VCCX2 Cnfg ID 119
Broadcast to Boxes
NO
Use < or > To Change

◉ **NO**
○ **YES**
Check one of the boxes above. Default is "NO".

Configuration Screen #75

VCCX2 Cnfg ID 119
Cool Stage Delays
Stage Up: 3 Min
Stage 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 #76

VCCX2 Cnfg ID 119
Cool Stage Delays
Min Run: 5 Min
Min Off: 3 Min

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

Configuration Screen #77

VCCX2 Cnfg ID 119
Heat Stage Delays
Stage Up: 3 Min
Stage 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 #78

VCCX2 Cnfg ID 119
Heat Stage Delays
Min Run: 5 Min
Min Off: 1 Min

In the first box above enter a value from 2 to 15. The default value is "5".
In the second box above enter a value from 1 to 15. The default value is "1".

Configuration Screen #79

VCCX2 Cnfg ID 119
Heat Pump Delays
Aux Heat: 3 Min
[0 – 60 minutes]

In the box above enter a value from 0 to 60. The default value is "3".

Configuration Screen #80

VCCX2 Cnfg ID 119
Heat/Cool Changeover
Delay: 5 Min
[0 – 20 minutes]

In the box above enter a value from 0 to 20. The default value is "5".

Configuration Screen #81

VCCX2 Cnfg ID 119
Return Air Bypass
Control: NO
Use < or > To Change

◉ **NO**
○ **YES**
Check one of the boxes above. Default is "NO".

Configuration Screen #82

VCCX2 Cnfg ID 119
Morning Cool-Down
None
Use < or > To Change

◉ **None**
○ **Stand Alone**
○ **Bcast Fixed to Boxes**
○ **Bcast Max to Boxes**
Check one of the boxes above. Default is "None".

Configuration Screen #83

VCCX2 Cnfg ID 119
Evap Condenser
Control: No
Use < or > To Change

◉ **No**
○ **Yes**
Check one of the boxes above. Default is "No".

Relays #2 through #24 can be individually configured. By using the 7 relay outputs available on the VCCX2 Controller the 5 relays on the VCC-X EM1 Expansion Module, and the 12 Relays on the 12 Relay E-BUS Expansion Module, you have the ability to configure up to a combined total of 24 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 #84

VCCX2 Cnfg ID 119
On-Board Relay 2
Not Used
Use < or > To Change

- (•) **Not Used (Default)**
- ( ) **Cooling Stage**
- ( ) **Heating Stage**
- ( ) **Heat Pump Aux Heat**
- ( ) **Heat Pump Emergency Heat**
- ( ) **Mod Heat Enable**
- ( ) **Mod Cool Enable**
- ( ) **Warm-up / Cool-Down**
- ( ) **Reheat**
- ( ) **Preheat**
- ( ) **Low Ambient**
- ( ) **Exhaust Fan**
- ( ) **Economizer**
- ( ) **Heat Wheel**
- ( ) **Occupied Mode**
- ( ) **Override Mode**
- ( ) **Alarm Active**
- ( ) **LL Solenoid 1**
- ( ) **LL Solenoid 2**
- ( ) **LL Solenoid 3**
- ( ) **LL Solenoid 4**
- ( ) **Condenser Pump**
- ( ) **Sump Heater**
- ( ) **Sump Pump Drain**

Check one of the boxes above.

Configuration Screen #85

VCCX2 Cnfg ID 119
On-Board Relay 3
Not Used
Use < or > To Change

- (•) **Not Used (Default)**
- ( ) **Cooling Stage**
- ( ) **Heating Stage**
- ( ) **Heat Pump Aux Heat**
- ( ) **Heat Pump Emergency Heat**
- ( ) **Mod Heat Enable**
- ( ) **Mod Cool Enable**
- ( ) **Warm-up / Cool-Down**
- ( ) **Reheat**
- ( ) **Preheat**
- ( ) **Low Ambient**
- ( ) **Exhaust Fan**
- ( ) **Economizer**
- ( ) **Heat Wheel**
- ( ) **Occupied Mode**
- ( ) **Override Mode**
- ( ) **Alarm Active**
- ( ) **LL Solenoid 1**
- ( ) **LL Solenoid 2**
- ( ) **LL Solenoid 3**
- ( ) **LL Solenoid 4**
- ( ) **Condenser Pump**
- ( ) **Sump Heater**
- ( ) **Sump Pump Drain**

Check one of the boxes above.

Configuration Screen #86

VCCX2 Cnfg ID 119
On-Board Relay 4
Not Used
Use < or > To Change

- (•) **Not Used (Default)**
- ( ) **Cooling Stage**
- ( ) **Heating Stage**
- ( ) **Heat Pump Aux Heat**
- ( ) **Heat Pump Emergency Heat**
- ( ) **Mod Heat Enable**
- ( ) **Mod Cool Enable**
- ( ) **Warm-up / Cool-Down**
- ( ) **Reheat**
- ( ) **Preheat**
- ( ) **Low Ambient**
- ( ) **Exhaust Fan**
- ( ) **Economizer**
- ( ) **Heat Wheel**
- ( ) **Occupied Mode**
- ( ) **Override Mode**
- ( ) **Alarm Active**
- ( ) **LL Solenoid 1**
- ( ) **LL Solenoid 2**
- ( ) **LL Solenoid 3**
- ( ) **LL Solenoid 4**
- ( ) **Condenser Pump**
- ( ) **Sump Heater**
- ( ) **Sump Pump Drain**

Check one of the boxes above.

Configuration Screen #87

VCCX2 Cnfg ID 119
On-Board Relay 5
Not Used
Use < or > To Change

- (•) **Not Used (Default)**
- ( ) **Cooling Stage**
- ( ) **Heating Stage**
- ( ) **Heat Pump Aux Heat**
- ( ) **Heat Pump Emergency Heat**
- ( ) **Mod Heat Enable**
- ( ) **Mod Cool Enable**
- ( ) **Warm-up / Cool-Down**
- ( ) **Reheat**
- ( ) **Preheat**
- ( ) **Low Ambient**
- ( ) **Exhaust Fan**
- ( ) **Economizer**
- ( ) **Heat Wheel**
- ( ) **Occupied Mode**
- ( ) **Override Mode**
- ( ) **Alarm Active**
- ( ) **LL Solenoid 1**
- ( ) **LL Solenoid 2**
- ( ) **LL Solenoid 3**
- ( ) **LL Solenoid 4**
- ( ) **Condenser Pump**
- ( ) **Sump Heater**
- ( ) **Sump Pump Drain**

Check one of the boxes above.

Configuration Screen #88

VCCX2 Cnfg ID 119
On-Board Relay 6
Not Used
Use < or > To Change

- (•) **Not Used (Default)**
- ( ) **Cooling Stage**
- ( ) **Heating Stage**
- ( ) **Heat Pump Aux Heat**
- ( ) **Heat Pump Emergency Heat**
- ( ) **Mod Heat Enable**
- ( ) **Mod Cool Enable**
- ( ) **Warm-up / Cool-Down**
- ( ) **Reheat**
- ( ) **Preheat**
- ( ) **Low Ambient**
- ( ) **Exhaust Fan**
- ( ) **Economizer**
- ( ) **Heat Wheel**
- ( ) **Occupied Mode**
- ( ) **Override Mode**
- ( ) **Alarm Active**
- ( ) **LL Solenoid 1**
- ( ) **LL Solenoid 2**
- ( ) **LL Solenoid 3**
- ( ) **LL Solenoid 4**
- ( ) **Condenser Pump**
- ( ) **Sump Heater**
- ( ) **Sump Pump Drain**

Check one of the boxes above.

Configuration Screen #89

VCCX2 Cnfg ID 119
On-Board Relay 7
Not Used
Use < or > To Change

- ◉ **Not Used (Default)**
- ○ **Cooling Stage**
- ○ **Heating Stage**
- ○ **Heat Pump Aux Heat**
- ○ **Heat Pump Emergency Heat**
- ○ **Mod Heat Enable**
- ○ **Mod Cool Enable**
- ○ **Warm-up / Cool-Down**
- ○ **Reheat**
- ○ **Preheat**
- ○ **Low Ambient**
- ○ **Exhaust Fan**
- ○ **Economizer**
- ○ **Heat Wheel**
- ○ **Occupied Mode**
- ○ **Override Mode**
- ○ **Alarm Active**
- ○ **LL Solenoid 1**
- ○ **LL Solenoid 2**
- ○ **LL Solenoid 3**
- ○ **LL Solenoid 4**
- ○ **Condenser Pump**
- ○ **Sump Heater**
- ○ **Sump Pump Drain**

Check one of the boxes above.

Configuration Screen #90

VCCX2 Cnfg ID 119
On-Board Relay 8
Not Used
Use < or > To Change

- ◉ **Not Used (Default)**
- ○ **Cooling Stage**
- ○ **Heating Stage**
- ○ **Heat Pump Aux Heat**
- ○ **Heat Pump Emergency Heat**
- ○ **Mod Heat Enable**
- ○ **Mod Cool Enable**
- ○ **Warm-up / Cool-Down**
- ○ **Reheat**
- ○ **Preheat**
- ○ **Low Ambient**
- ○ **Exhaust Fan**
- ○ **Economizer**
- ○ **Heat Wheel**
- ○ **Occupied Mode**
- ○ **Override Mode**
- ○ **Alarm Active**
- ○ **LL Solenoid 1**
- ○ **LL Solenoid 2**
- ○ **LL Solenoid 3**
- ○ **LL Solenoid 4**
- ○ **Condenser Pump**
- ○ **Sump Heater**
- ○ **Sump Pump Drain**

Check one of the boxes above.

Configuration Screen #91

VCCX2 Cnfg ID 119
EM1 Relay 1
Not Used
Use < or > To Change

- ◉ **Not Used (Default)**
- ○ **Cooling Stage**
- ○ **Heating Stage**
- ○ **Heat Pump Aux Heat**
- ○ **Heat Pump Emergency Heat**
- ○ **Mod Heat Enable**
- ○ **Mod Cool Enable**
- ○ **Warm-up / Cool-Down**
- ○ **Reheat**
- ○ **Preheat**
- ○ **Low Ambient**
- ○ **Exhaust Fan**
- ○ **Economizer**
- ○ **Heat Wheel**
- ○ **Occupied Mode**
- ○ **Override Mode**
- ○ **Alarm Active**
- ○ **LL Solenoid 1**
- ○ **LL Solenoid 2**
- ○ **LL Solenoid 3**
- ○ **LL Solenoid 4**
- ○ **Condenser Pump**
- ○ **Sump Heater**
- ○ **Sump Pump Drain**

Check one of the boxes above.

Configuration Screen #92

VCCX2 Cnfg ID 119
EM1 Relay 2
Not Used
Use < or > To Change

- ◉ **Not Used (Default)**
- ○ **Cooling Stage**
- ○ **Heating Stage**
- ○ **Heat Pump Aux Heat**
- ○ **Heat Pump Emergency Heat**
- ○ **Mod Heat Enable**
- ○ **Mod Cool Enable**
- ○ **Warm-up / Cool-Down**
- ○ **Reheat**
- ○ **Preheat**
- ○ **Low Ambient**
- ○ **Exhaust Fan**
- ○ **Economizer**
- ○ **Heat Wheel**
- ○ **Occupied Mode**
- ○ **Override Mode**
- ○ **Alarm Active**
- ○ **LL Solenoid 1**
- ○ **LL Solenoid 2**
- ○ **LL Solenoid 3**
- ○ **LL Solenoid 4**
- ○ **Condenser Pump**
- ○ **Sump Heater**
- ○ **Sump Pump Drain**

Check one of the boxes above.

Configuration Screen #93

VCCX2 Cnfg ID 119
EM1 Relay 3
Not Used
Use < or > To Change

- ◉ Not Used (Default)
- ○ **Cooling Stage**
- ○ **Heating Stage**
- ○ **Heat Pump Aux Heat**
- ○ **Heat Pump Emergency Heat**
- ○ **Mod Heat Enable**
- ○ **Mod Cool Enable**
- ○ **Warm-up / Cool-Down**
- ○ **Reheat**
- ○ **Preheat**
- ○ **Low Ambient**
- ○ **Exhaust Fan**
- ○ **Economizer**
- ○ **Heat Wheel**
- ○ **Occupied Mode**
- ○ **Override Mode**
- ○ **Alarm Active**
- ○ **LL Solenoid 1**
- ○ **LL Solenoid 2**
- ○ **LL Solenoid 3**
- ○ **LL Solenoid 4**
- ○ **Condenser Pump**
- ○ **Sump Heater**
- ○ **Sump Pump Drain**

Check one of the boxes above.

Configuration Screen #94

VCCX2 Cnfg ID 119
EM1 Relay 4
Not Used
Use < or > To Change

- ◉ **Not Used (Default)**
- ○ **Cooling Stage**
- ○ **Heating Stage**
- ○ **Heat Pump Aux Heat**
- ○ **Heat Pump Emergency Heat**
- ○ **Mod Heat Enable**
- ○ **Mod Cool Enable**
- ○ **Warm-up / Cool-Down**
- ○ **Reheat**
- ○ **Preheat**
- ○ **Low Ambient**

- ○ Exhaust Fan
- ○ Economizer
- ○ Heat Wheel
- ○ Occupied Mode
- ○ Override Mode
- ○ Alarm Active
- ○ LL Solenoid 1
- ○ LL Solenoid 2
- ○ LL Solenoid 3
- ○ LL Solenoid 4
- ○ Condenser Pump
- ○ Sump Heater
- ○ Sump Pump Drain

Check one of the boxes above.

Configuration Screen #95

VCCX2 Cnfg ID 119
EM1 Relay 5
Not Used
Use < or > To Change

- ◉ Not Used (Default)
- ○ Cooling Stage
- ○ Heating Stage
- ○ Heat Pump Aux Heat
- ○ Heat Pump Emergency Heat
- ○ Mod Heat Enable
- ○ Mod Cool Enable
- ○ Warm-up / Cool-Down
- ○ Reheat
- ○ Preheat
- ○ Low Ambient
- ○ Exhaust Fan
- ○ Economizer
- ○ Heat Wheel
- ○ Occupied Mode
- ○ Override Mode
- ○ Alarm Active
- ○ LL Solenoid 1
- ○ LL Solenoid 2
- ○ LL Solenoid 3
- ○ LL Solenoid 4
- ○ Condenser Pump
- ○ Sump Heater
- ○ Sump Pump Drain

Check one of the boxes above.

Configuration Screen #96

VCCX2 Cnfg ID 119
12 Rly Bd 1
Not Used
Use < or > To Change

- ◉ Not Used (Default)
- ○ Cooling Stage
- ○ Heating Stage
- ○ Heat Pump Aux Heat
- ○ Heat Pump Emergency Heat
- ○ Mod Heat Enable
- ○ Mod Cool Enable
- ○ Warm-up / Cool-Down
- ○ Reheat
- ○ Preheat
- ○ Low Ambient
- ○ Exhaust Fan
- ○ Economizer
- ○ Heat Wheel
- ○ Occupied Mode
- ○ Override Mode
- ○ Alarm Active
- ○ LL Solenoid 1
- ○ LL Solenoid 2
- ○ LL Solenoid 3
- ○ LL Solenoid 4
- ○ Condenser Pump
- ○ Sump Heater
- ○ Sump Pump Drain

Check one of the boxes above.

Configuration Screen #97

VCCX2 Cnfg ID 119
12 Rly Bd 2
Not Used
Use < or > To Change

- ◉ Not Used (Default)
- ○ Cooling Stage
- ○ Heating Stage
- ○ Heat Pump Aux Heat
- ○ Heat Pump Emergency Heat
- ○ Mod Heat Enable
- ○ Mod Cool Enable
- ○ Warm-up / Cool-Down
- ○ Reheat
- ○ Preheat
- ○ Low Ambient
- ○ Exhaust Fan
- ○ Economizer
- ○ Heat Wheel
- ○ Occupied Mode
- ○ Override Mode
- ○ Alarm Active
- ○ LL Solenoid 1
- ○ LL Solenoid 2
- ○ LL Solenoid 3
- ○ LL Solenoid 4
- ○ Condenser Pump
- ○ Sump Heater
- ○ Sump Pump Drain

Check one of the boxes above.

Configuration Screen #98

VCCX2 Cnfg ID 119
12 Rly Bd 3
Not Used
Use < or > To Change

- ◉ Not Used (Default)
- ○ Cooling Stage
- ○ Heating Stage
- ○ Heat Pump Aux Heat
- ○ Heat Pump Emergency Heat
- ○ Mod Heat Enable
- ○ Mod Cool Enable
- ○ Warm-up / Cool-Down
- ○ Reheat
- ○ Preheat
- ○ Low Ambient
- ○ Exhaust Fan
- ○ Economizer
- ○ Heat Wheel
- ○ Occupied Mode
- ○ Override Mode
- ○ Alarm Active
- ○ LL Solenoid 1
- ○ LL Solenoid 2
- ○ LL Solenoid 3
- ○ LL Solenoid 4
- ○ Condenser Pump
- ○ Sump Heater
- ○ Sump Pump Drain

Check one of the boxes above.

Configuration Screen #99

VCCX2 Cnfg ID 119
12 Rly Bd 4
Not Used
Use < or > To Change

- ◉ Not Used (Default)
- ○ Cooling Stage
- ○ Heating Stage
- ○ Heat Pump Aux Heat
- ○ Heat Pump Emergency Heat
- ○ Mod Heat Enable
- ○ Mod Cool Enable
- ○ Warm-up / Cool-Down
- ○ Reheat
- ○ Preheat
- ○ Low Ambient
- ○ Exhaust Fan
- ○ Economizer
- ○ Heat Wheel
- ○ Occupied Mode
- ○ Override Mode
- ○ Alarm Active
- ○ LL Solenoid 1
- ○ LL Solenoid 2
- ○ LL Solenoid 3
- ○ LL Solenoid 4

- ○ Condenser Pump
- ○ Sump Heater
- ○ Sump Pump Drain

Check one of the boxes above.

Configuration Screen #100

VCCX2 Cnfg ID 119
12 Rly Bd 5
Not Used
Use < or > To Change

- ◉ Not Used (Default)
- ○ Cooling Stage
- ○ Heating Stage
- ○ Heat Pump Aux Heat
- ○ Heat Pump Emergency Heat
- ○ Mod Heat Enable
- ○ Mod Cool Enable
- ○ Warm-up / Cool-Down
- ○ Reheat
- ○ Preheat
- ○ Low Ambient
- ○ Exhaust Fan
- ○ Economizer
- ○ Heat Wheel
- ○ Occupied Mode
- ○ Override Mode
- ○ Alarm Active
- ○ LL Solenoid 1
- ○ LL Solenoid 2
- ○ LL Solenoid 3
- ○ LL Solenoid 4
- ○ Condenser Pump
- ○ Sump Heater
- ○ Sump Pump Drain

Check one of the boxes above.

Configuration Screen #101

VCCX2 Cnfg ID 119
12 Rly Bd 6
Not Used
Use < or > To Change

- ◉ Not Used (Default)
- ○ Cooling Stage
- ○ Heating Stage
- ○ Heat Pump Aux Heat
- ○ Heat Pump Emergency Heat
- ○ Mod Heat Enable
- ○ Mod Cool Enable
- ○ Warm-up / Cool-Down
- ○ Reheat
- ○ Preheat
- ○ Low Ambient
- ○ Exhaust Fan
- ○ Economizer
- ○ Heat Wheel
- ○ Occupied Mode
- ○ Override Mode
- ○ Alarm Active
- ○ LL Solenoid 1
- ○ LL Solenoid 2
- ○ LL Solenoid 3
- ○ LL Solenoid 4
- ○ Condenser Pump
- ○ Sump Heater
- ○ Sump Pump Drain

Check one of the boxes above.

Configuration Screen #102

VCCX2 Cnfg ID 119
12 Rly Bd 7
Not Used
Use < or > To Change

- ◉ Not Used (Default)
- ○ Cooling Stage
- ○ Heating Stage
- ○ Heat Pump Aux Heat
- ○ Heat Pump Emergency Heat
- ○ Mod Heat Enable
- ○ Mod Cool Enable
- ○ Warm-up / Cool-Down
- ○ Reheat
- ○ Preheat
- ○ Low Ambient
- ○ Exhaust Fan
- ○ Economizer
- ○ Heat Wheel
- ○ Occupied Mode
- ○ Override Mode
- ○ Alarm Active
- ○ LL Solenoid 1
- ○ LL Solenoid 2
- ○ LL Solenoid 3
- ○ LL Solenoid 4
- ○ Condenser Pump
- ○ Sump Heater
- ○ Sump Pump Drain

Check one of the boxes above.

Configuration Screen #103

VCCX2 Cnfg ID 119
12 Rly Bd 8
Not Used
Use < or > To Change

- ◉ Not Used (Default)
- ○ Cooling Stage
- ○ Heating Stage
- ○ Heat Pump Aux Heat
- ○ Heat Pump Emergency Heat
- ○ Mod Heat Enable
- ○ Mod Cool Enable
- ○ Warm-up / Cool-Down
- ○ Reheat
- ○ Preheat
- ○ Low Ambient
- ○ Exhaust Fan
- ○ Economizer
- ○ Heat Wheel
- ○ Occupied Mode
- ○ Override Mode
- ○ Alarm Active
- ○ LL Solenoid 1
- ○ LL Solenoid 2
- ○ LL Solenoid 3
- ○ LL Solenoid 4
- ○ Condenser Pump
- ○ Sump Heater
- ○ Sump Pump Drain

Check one of the boxes above.

Configuration Screen #104

VCCX2 Cnfg ID 119
12 Rly Bd 9
Not Used
Use < or > To Change

- ◉ Not Used (Default)
- ○ Cooling Stage
- ○ Heating Stage
- ○ Heat Pump Aux Heat
- ○ Heat Pump Emergency Heat
- ○ Mod Heat Enable
- ○ Mod Cool Enable
- ○ Warm-up / Cool-Down
- ○ Reheat
- ○ Preheat
- ○ Low Ambient
- ○ Exhaust Fan
- ○ Economizer
- ○ Heat Wheel
- ○ Occupied Mode
- ○ Override Mode
- ○ Alarm Active
- ○ LL Solenoid 1
- ○ LL Solenoid 2
- ○ LL Solenoid 3
- ○ LL Solenoid 4
- ○ Condenser Pump
- ○ Sump Heater
- ○ Sump Pump Drain

Check one of the boxes above.

Configuration Screen #105

VCCX2 Cnfg ID 119
12 Rly Bd 10
Not Used
Use < or > To Change

- ◉ **Not Used (Default)**
- ○ **Cooling Stage**
- ○ **Heating Stage**
- ○ **Heat Pump Aux Heat**
- ○ **Heat Pump Emergency Heat**
- ○ **Mod Heat Enable**
- ○ **Mod Cool Enable**
- ○ **Warm-up / Cool-Down**
- ○ **Reheat**
- ○ **Preheat**
- ○ **Low Ambient**
- ○ **Exhaust Fan**
- ○ **Economizer**
- ○ **Heat Wheel**
- ○ **Occupied Mode**
- ○ **Override Mode**
- ○ **Alarm Active**
- ○ **LL Solenoid 1**
- ○ **LL Solenoid 2**
- ○ **LL Solenoid 3**
- ○ **LL Solenoid 4**
- ○ **Condenser Pump**
- ○ **Sump Heater**
- ○ **Sump Pump Drain**

Check one of the boxes above.

Configuration Screen #106

VCCX2 Cnfg ID 119
12 Rly Bd 11
Not Used
Use < or > To Change

- ◉ **Not Used (Default)**
- ○ **Cooling Stage**
- ○ **Heating Stage**
- ○ **Heat Pump Aux Heat**
- ○ **Heat Pump Emergency Heat**
- ○ **Mod Heat Enable**
- ○ **Mod Cool Enable**
- ○ **Warm-up / Cool-Down**
- ○ **Reheat**
- ○ **Preheat**
- ○ **Low Ambient**
- ○ **Exhaust Fan**
- ○ **Economizer**
- ○ **Heat Wheel**
- ○ **Occupied Mode**
- ○ **Override Mode**
- ○ **Alarm Active**
- ○ **LL Solenoid 1**
- ○ **LL Solenoid 2**
- ○ **LL Solenoid 3**
- ○ **LL Solenoid 4**
- ○ **Condenser Pump**
- ○ **Sump Heater**
- ○ **Sump Pump Drain**

Check one of the boxes above.

Configuration Screen #107

VCCX2 Cnfg ID 119
12 Rly Bd 12
Not Used
Use < or > To Change

- ◉ **Not Used (Default)**
- ○ **Cooling Stage**
- ○ **Heating Stage**
- ○ **Heat Pump Aux Heat**
- ○ **Heat Pump Emergency Heat**
- ○ **Mod Heat Enable**
- ○ **Mod Cool Enable**
- ○ **Warm-up / Cool-Down**
- ○ **Reheat**
- ○ **Preheat**
- ○ **Low Ambient**
- ○ **Exhaust Fan**
- ○ **Economizer**
- ○ **Heat Wheel**
- ○ **Occupied Mode**
- ○ **Override Mode**
- ○ **Alarm Active**
- ○ **LL Solenoid 1**
- ○ **LL Solenoid 2**
- ○ **LL Solenoid 3**
- ○ **LL Solenoid 4**
- ○ **Condenser Pump**
- ○ **Sump Heater**
- ○ **Sump Pump Drain**

Check one of the boxes above.

Setpoint Screen #1

VCCX2 Spts ID 119
Occupied HVAC Spts
Cooling.....: 75.0°F
Heating.....: 70.0°F

In the first box above enter a value from 1 to 110. The default value is "75". In the second box above enter a value from 1 to 110. The default value is "70".

Setpoint Screen #2

VCCX2 Spts ID 119
Hood On HVAC Spts
OAT Cool: 75.0°F
OAT Heat: 70.0°F

In the first box above enter a value from 1 to 110. The default value is "75". In the second box above enter a value from 1 to 110. The default value is "70".

Setpoint Screen #3

VCCX2 Spts ID 119
Unoccupied Offsets
Cooling…..: 30.0°F
Heating…..: 30.0°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" and indicates no Unoccupied operation will occur.

Setpoint Screen #4

VCCX2 Spts ID 119
Mode Deadband
Setpoint: 1.0°F

In the box above enter a value from 0 to 10. The default value is "1".

Setpoint Screen #5

VCCX2 Spts ID 119
Space Slide Offset
v1.15&Older: 0.0°F
v1.16&Newer: 0

If using VCCX2 v. 1.15 or older, in the first box above, enter a value from 0.0 to 10.0. The default value is "0.0".
If using VCCX2 v. 1.16 or newer, in the second box above, enter a value from 0 to 10. The default value is "0".

Setpoint Screens #6 - #8

VCCX2 Spts ID 119
Calibrate Slide Adj
Put At Up Pos: XXX
Enter # Shown: XXX

VCCX2 Spts ID 119
Calibrate Slide Adj
At Middle Pos: XXX
Enter # Shown: XXX

VCCX2 Spts ID 119
Calibrate Slide Adj
At Down Pos: XXX
Enter # Shown: XXX

Once the slider is in the down position, wait for the value on line 3 to stop changing. Once it stops changing, enter this value on line 4.

Setpoint Screen #9

VCCX2 Spts ID 119
Space Sensor
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 Screens #10 & 11

VCCX2 Spts ID 119
Controlling Sensor
High Alarm Offset
Setpoint: 30.0°F

VCCX2 Spts ID 119
Controlling Sensor
Low Alarm Offset
Setpoint: 30.0°F

In the boxes above enter a value from 0 to 50. The default value is "30". Only applies to Space, Return Air, or Single Zone VAV controlled units.

Setpoint Screen #12

VCCX2 Spts ID 119
Outdoor Dewpoint
Setpoint: 55.0°F

In the box above enter a value from 35 to 80. The default value is "55".

Setpoint Screen #13

VCCX2 Spts ID 119
Indoor RH Setpt
Disable/Lo Rst: 50%
Enable/Hi Rst: 60%

In the first box above enter a value from 0 to 100. The default value is "50". In the second box above enter a value from 0 to 100. The default value is "60".
This screen can be used to set the Indoor (Space or Return Air) Dehumidification Enable and Disable Setpoints and to set the Indoor Humidity Reset Range used to reset the Coil Suction (Saturation) Temperature Setpoint during Dehumidification. Please see the instructions for *Setpoint Screen #13* in the *VCCX2 Controller Operator Interfaces SD Technical Guide* for detailed information.

Setpoint Screen #14

VCCX2 Spts ID 119
Coil Temp Setpt
Hi Rst Lmt: 45°F
Lo Rst Lmt: 40°F

In the first box enter a value from 35 to 70. The default value is "45". In the second box enter a value from 35 to 70. The default value is "40". During Dehumidification, the Coil temperature can be reset within the range created on this screen per the description for *Setpoint Screen #13*. If no reset is desired, set both the low and high setpoints to the same value.

Setpoint Screen #15

VCCX2 Spts ID 119
Static Pressure
Setpt: 1.50"WG
Deadband: 0.10"WG

In the first box above enter a value from .10 to 3.0. The default value is "1.5". In the second box above enter a value from .01 to 0.5. The default value is ".10".

Setpoint Screen #16

VCCX2 Spts ID 119
Static Pressure Reset
Max Limit: 1.50"WG
Min Limit: 1.50"WG

In the first box above enter a value from .10 to 3.0. The default value is "1.5". In the second box above enter a value from .10 to 3.0. The default value is "1.5".

Setpoint Screen #17

VCCX2 Spts ID 119
Static Pressure Reset
Interval: 15Min

Enter a value from 10 to 60. The default value is "15".

Setpoint Screen #18

VCCX2 Spts ID 119
VFD Speed Limits
Min Cool: 30%
Min Vent: 20%

In the first box above enter a value from 0 to 100. The default value is "30". In the second box above enter a value from 0 to 100. The default value is "20". If this unit is configured for Single Zone VAV operation, the Min Cool Percentage will be the fan speed at which the VFD will start operating at when cooling is initiated. It can then modulate up to 100% as the space temperature rises within the range created by the Cool Low Reset Source and the Cool High Reset Source Setpoints entered in *Setpoint Screen #21*. If this is a CAV or MUA unit, this should be set to 100%.

The Min Vent Percentage is the speed at which the fan will operate at during the Vent Mode.

Setpoint Screen #19

VCCX2 Spts ID 119
VFD Speed Limits
Min Heat: 50%
Max Heat: 100%

In the first box above enter a value from 0 to 100. The default value is "50". In the second box above enter a value from 0 to 100. The default value is "100". If this unit is configured for Single Zone VAV operation, and you have a modulating heat source that will allow VAV heating, then the Min Heat Percentage will be the fan speed at which the VFD will start operating at when heating is initiated. It can then modulate up to the Max Heat Percentage as the Space Temperature falls within the range created by the Heat High Reset Source and the Heat Low Reset Source created in *Setpoint Screen #23*. On a standard VAV unit, if the VFD Signal falls below the Minimum VFD Heat Setpoint during the Heating Mode, Heating will be disabled. If this is a CAV, MUA, or Single Zone VAV with CAV Heating, these setpoints should both be set at the same value which represents the constant speed you want the fan to operate at during the Heating Mode.

Setpoint Screen #20

VCCX2 Spts ID 119
Supply Air Cooling
Setpoint: 55.0°F
Hi Rst Limit: 55.0°F

If no Reset Source has been configured in *Configuration Screen #11*, then this Setpoint will be the SAT Cooling Setpoint. Line 4 will be blank. If a Reset Source has been configured in *Configuration Screen #11*, then Line 4 will read Hi Rst Limit.

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 0 to 100. The default value is "55".

Setpoint Screen #21

VCCX2 Spts ID 119
Cool Rst Source Spts
High Reset: 75.0°F
Low Reset: 70.0°F

If no SAT Reset Source has been configured in *Configuration Screen #11*, you can disregard this screen.

If a SAT Reset has been configured, please see the instructions for *Setpoint Screen #21* in the *VCCX2 Controller Operator Interfaces SD Technical Guide* for detailed information.

In the first box above enter a value from 0 to 150. The default value is “75”. In the second box above enter a value from -30 to 150. The default value is “70”.

Setpoint Screen #22

VCCX2 Spts ID 119
Supply Air Heating
Setpoint: 120.0°F
Hi Rst Limit: 120.0°F

If no Reset Source has been configured in *Configuration Screen #11*, then this Setpoint will be the SAT Heating Setpoint. Line 4 will be blank. If a Reset Source has been configured in *Configuration Screen #11*, then Line 4 will read Rst Limit.

In the first box above enter a value from 40 to 240. The default value is “120”. In the second box above enter a value from 0 to 250. The default value is “120”.

Setpoint Screen #23

VCCX2 Spts ID 119
Heat Rst Source Spts
High Reset: 75.0°F
Low Reset: 70.0°F

If no SAT Reset Source has been configured in *Configuration Screen #11*, you can disregard this screen.

If a SAT Reset has been configured, please see the instructions for *Setpoint Screen #23* in the *VCCX2 Controller Operator Interfaces SD Technical Guide* for detailed information.

In the first box above enter a value from 0 to 150. The default value is “75”. In the second box above enter a value from -30 to 150. The default value is “70”.

Setpoint Screen #24

VCCX2 Spts ID 119
Stage Off Window
Cooling: 5.0°F
Heating: 5.0°F

In the first box above enter a value from 1 to 30. The default value is “5”. In the second box above enter a value from 1 to 50. The default value is “5”.

Setpoint Screen #25

VCCX2 Spts ID 119
Mod Heat
Prop Window: 10.0°F
Time Period: 30sec

In the first box above enter a value from .1 to 30. The default value is “10”.
In the second box above enter a value from 5 to 240. The default value is “30”.

Setpoint Screen #26

VCCX2 Spts ID 119
Mod Cool
Prop Window: 10.0°F
Time Period: 30sec

In the first box above enter a value from .1 to 30. The default value is “10”.
In the second box above enter a value from 5 to 240. The default value is “30”.

Setpoint Screen #27

VCCX2 Spts ID 119
Head Pressure Spts
Cooling: 315psi
Reheat: 400 psi

In the first box above enter a value from 240 to 420. Default value is “315”.
In the second box above enter a value from 240 to 420. Default value is “400”.

Setpoint Screen #28

VCCX2 Spts ID 119
WSHP Head Pres.Spts
Cooling: 235 psi
Reheat: 350 psi

In the first box above enter a value from 200 to 400. The default value is “235”.
In the second box above enter a value from 200 to 400. The default value is “350”.

Setpoint Screen #29

VCCX2 Spts ID 119
Condenser H2O Valve
Minimum Pos: 25%

In the box above enter a value from 25 to 100. The default value is “25”.

Setpoint Screen #30

VCCX2 Spts ID 119
Condenser Fan Cycle
Enable: 310 psi
Deadband: 50 psi

In the first box above enter a value from 245 to 470. Default value is “310”.
In the second box above enter a value from 35 to 100. Default value is “50”.

Setpoint Screen #31

VCCX2 Spts ID 119
Condenser Fan Cycle
Reheat Offset
Enable: 50 psi

In the box above enter a value from 50 to 150. The default value is “50”.

Setpoint Screen #32

VCCX2 Spts ID 119
Use Evap Cond as 1st
Stage Below This OA
Temp: 70.0°F

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

Setpoint Screen #33

VCCX2 Spts ID 119
Evap Head Pres Setpt
Deadband: 10 psi

In the box above enter a value from 1 to 100. The default value is “10”.

Setpoint Screen #34

VCCX2 Spts ID 119
Sump Enable Temps
Heater: 40°F
Drain: 32°F

In the first box above enter a value from 30 to 60. Default value is “40”.
In the second box above enter a value from 32 to 40. Default value is “32”.

Setpoint Screen #35

VCCX2 Spts ID 119
Economizer Enable
Setpoint: 55.0°F

In the box above enter a value from -30 to 80. The default value is “55”.

Setpoint Screen #36

VCCX2 Spts ID 119
Comparative Enthalpy
Econo Enable: 28.0
Deadband: 0.5

In the first box above enter a value from -25.0 to 35.0. The default value is “28.0”.In the second box above enter a value from 0.1 to 3.0. The default value is “0.5”.

Setpoint Screen #37

VCCX2 Spts ID 119
WSE Entering H2O
Control DB: 3.0°F

In the box above enter a value from 0 to 20. The default value is “3”.

Setpoint Screen #38

VCCX2 Spts ID 119
Economizer Min
Damper Pos: 10%

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

Setpoint Screen #39

VCCX2 Spts ID 119
Max Econo Pos In
Heat Mode: 50%

In the box above enter a value from 0 to 100. The default value is “50”.

Setpoint Screen #40

VCCX2 Spts ID 119
Min. Outdoor Airflow
Setpoint: 2.00 kCFM
Deadband: 200 CFM

In the first box above enter a value from .1 to 200. The default value is “2”.
In the second box above enter a value from 10 to 9999. The default value is “200”.

Setpoint Screen #41

VCCX2 Spts ID 119
High CO2:
Max OA kCFM: 2.0
Max Econo Pos: 50%

In the first box above, enter a value from .10 to 200. The default value is “2”.
In the second box above enter a value from 0 to 100. (Note: The minimum is whatever value you set for Economizer Min. Damper Position on *Setpoint Screen #38.*) The default value is “50”.

Setpoint Screen #42

VCCX2 Spts ID 119
CO2 Setpoints
Min CO2: 900 PPM
Max CO2: 1000 PPM

In the first box above enter a value from 0 to 2000. The default value is “900”.
In the second box above enter a value from 0 to 2000. The default value is “1000”.

Setpoint Screen #43

VCCX2 Spts ID 119
Altitude
Setpoint: 1000 Ft

In the box above enter a value from 0 to 15,000. The default value is “1000”.

Setpoint Screen #44

VCCX2 Spts ID 119
Building Pressure
Setpoint: 0.02”WG
Deadband: 0.01”WG

Building Pressure: In the first box above enter a value from -.2 to .2. The default value is “.02”. In the second box above enter a value from .01 to .1. The default value is “.01”.

Exhaust: In the first box above enter a value from .1 to 3.0. The default value is “1.5”. In the second box above enter a value from .01 to .5. The default value is “.1”.

Setpoint Screen #45

VCCX2 Spts ID 119
OAT Lockouts
Comp Cool: 50.0°F
Comp Heat: 35.0°F

In the first box above enter a value from -30 to 100. The default value is “50”.
In the second box above enter a value from -30 to 100. The default value is “35”.

Setpoint Screen #46

VCCX2 Spts ID 119
OAT Lockouts
Heat: 90.0°F

In the box above enter a value from -30 to 150. The default value is “90”.

Setpoint Screen #47

VCCX2 Spts ID 119
Supply Air Cutoffs
Cooling: 40.0°F
Heating: 150.0°F

In the first box above enter a value from 0 to 100. The default value is “40”.
In the second box above enter a value from 0 to 250. The default value is “150”.

Setpoint Screen #48

VCCX2 Spts ID 119
Hot Water Valve
Protection Pos: 0%

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

Setpoint Screen #49

VCCX2 Spts ID 119
Preheat Relay
Setpt: 30.0°F

In the box above enter a value from -30 to 70. The default value is “30”.

Setpoint Screen #50

VCCX2 Spts ID 119
Low Ambient
Setpt: 30.0°F

In the box above enter a value from -30 to 70. The default value is “30”.

Setpoint Screen #51

VCCX2 Spts ID 119
Heat Pump Defrost
Interval: 30 Min

In the box above enter a value from 10 to 120. The default value is “30”.

Setpoint Screen #52

VCCX2 Spts ID 119
Adaptive Defrost
Interval Adj: 0 Min

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

Setpoint Screen #53

VCCX2 Spts ID 119
Heat Wheel Defrost
Temp Setpt: 30.0°F

In the box above enter a value from 0 to 50. The default value is “30”.

Setpoint Screen #54

VCCX2 Spts ID 119
Morning Warmup
SAT Setpt: 100.0°F
Target Temp: 70.0°F

In the box above enter a value from 40 to 240. The default value is “100”.
In the second box above enter a value from 50 to 90. The default value is “70”.

Setpoint Screen #55

VCCX2 Spts ID 119
Morning Cooldown
SAT Setpt: 55.0°F
Target Temp: 68.0°F

In the box above enter a value from 30 to 80. The default value is “55”.
In the box above enter a value from 50 to 80. The default value is “68”.

Setpoint Screen #56

VCCX2 Spts ID 119
Warmup and Cooldown
Max Length: 60 Min

In the box above enter a value from 0 to 240. The default value is “60”.

Setpoint Screen #57

VCCX2 Spts ID 119
SZ VAV Integral
Constant: 0

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

Setpoint Screen #58

VCCX2 Spts ID 119
Return Air Bypass
Damper Factor
Setpoint: 40%

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

Setpoint Screen #59

VCCX2 Spts ID 119
Preheat-X Spts
Cooling Mode: 40.0°F
Heating Mode: 60.0°F

If using Preheat-X, in the first box above enter a value from 35 to 90. The default value is “40”. In the second box above enter a value from 35 to 90. The default value is “60”.

If using Preheat-EXT, in the first box above enter a value from 0 to 90. The default value is “40”. In the second box above enter a value from 0 to 90. The default value is “60”.

Setpoint Screen #60

VCCX2 Spts ID 119
Preheat-X Spts
Vent Mode: 50.0°F

If using Preheat-X, in the box above enter a value from 35 to 90. The default value is “50”.

If using Preheat-EXT, in the box above enter a value from 0 to 90. The default value is “50”.

Setpoint Screen #61

VCCX2 Spts ID 119
Superheat
Setpoint: 15

In the box above enter a value from 1 to 30. The default value is “15”.

Setpoint Screens #62-67

Setpoint Screens #62 through #67 allow you to calibrate any sensors that are not reading correctly. In the boxes below for the sensor(s) you wish to calibrate, enter a value from -100 to +100 (-500 to +500 for the CO_2 Sensor). The default value is “0”. The current value shown on Line 3 is the actual temperature the sensor is reading plus the offset temperature amount you enter.

VCCX2 Spts ID 119
Space Sensor Cal
Current: 0.0°F
Offset: 0.0°F

VCCX2 Spts ID 119
Return Sensor Cal
Current: 0.0°F
Offset: 0.0°F

VCCX2 Spts ID 119
SAT Sensor Cal
Current: 0.0°F
Offset: 0.0°F

VCCX2 Spts ID 119
OAT Sensor Cal
Current: 0.0°F
Offset: 0.0°F

VCCX2 Spts ID 119
Entering H2O Cal
Current: 0.0°F
Offset: 0.0°F

VCCX2 Spts ID 119
CO2 Sensor Cal
Current: 0ppm
Offset: 0ppm

RSMV & RSMV-HP CONFIGURATION SCREENS

RSMV #1 Condenser Option

RSM#1 Configuration
Condenser Options
Push > for options
Use < or > to CHANGE

- ◉ **1 Cond per RSMV**
- ○ **1 Cond for 2 RSMVs**
- ○ **1 Cond for 3 RSMVs**
- ○ **Reserved**
- ○ **1 Cond for 4 RSMVs**

Check one of the boxes above.

RSMV #2, #3, #4 Condenser Options

RSM#2-#4 Cond Options
Config Same as RSM 1
Push > for options
Use < or > to CHANGE

- ◉ **1 Cond per RSMV**
- ○ **1 Cond for 2 RSMVs**
- ○ **1 Cond for 3 RSMVs**
- ○ **Reserved**
- ○ **1 Cond for 4 RSMVs**

Choose the same Condenser option you chose for RSMV #1 for RSMV #2, #3, and #4 from the list above, depending on how many RSMVs you are using. If you choose any other option than the one chosen for RSMV #1, the RSMV will not run properly.

RSMV #1 Configuration Screen #1

RSM 1 Configuration
Compressor Option
DUAL
Use < or > to CHANGE

- ◉ **DUAL**
- ○ **SINGLE**

Check one of the boxes above. Default is "DUAL".

RSMV #1 Configuration Screen #2

RSM 1 Configuration
Compressor Type
1st VFD / 2nd FIXED
Use < or > to CHANGE

- ◉ **1st VFD / 2nd FIXED**
- ○ **BOTH ARE FIXED**

Check one of the boxes above. Default is "1st VFD / 2nd FIXED".

RSMV #1 Configuration Screen #3

RSM 2 Configuration
Evap Coil Exv
Uses EXV-1 Only
Use < or > to CHANGE

- ○ **Uses EXV-1 & EXV-2**
- ◉ **Uses EXV-1 Only**

Check one of the boxes above. Default is "Uses EXV-1 Only."

RSMV #1 Configuration Screen #4

RSM 1 Configuration
Heat Pump Cond Exv
Uses EXV-3 Only
Use < or > to CHANGE

- ○ **Uses EXV-3 & EXV-4**
- ◉ **Uses EXV-3 Only**

Check one of the boxes above. Default is "Uses EXV-3 Only."

RSMV #1 Configuration Screen #5

RSM 1 Configuration
Single Comp Startup
No
Use < or > to CHANGE

- ◉ **No**
- ○ **Yes**

Check one of the boxes above. Default is "No."

RSMV #2 Configuration Screen #1

RSM 2 Configuration
Compressor Option
DUAL
Use < or > to CHANGE

◉ **DUAL**
○ **SINGLE**
Check one of the boxes above. Default is "DUAL".

RSMV #2 Configuration Screen #2

RSM 2 Configuration
Compressor Type
1st VFD / 2nd FIXED
Use < or > to CHANGE

◉ **1st VFD / 2nd FIXED**
○ **BOTH ARE FIXED**
Check one of the boxes above. Default is "1st VFD / 2nd FIXED".

RSMV #2 Configuration Screen #3

RSM 2 Configuration
Evap Coil Exv
Uses EXV-1 Only
Use < or > to CHANGE

○ **Uses EXV-1 & EXV-2**
◉ **Uses EXV-1 Only**
Check one of the boxes above. Default is "Uses EXV-1 Only."

RSMV #2 Configuration Screen #4

RSM 2 Configuration
Heat Pump Cond Exv
Uses EXV-3 Only
Use < or > to CHANGE

○ **Uses EXV-3 & EXV-4**
◉ **Uses EXV-3 Only**
Check one of the boxes above. Default is "Uses EXV-3 Only."

RSMV #2 Configuration Screen #5

RSM 2 Configuration
Single Comp Startup
No
Use < or > to CHANGE

◉ **No**
○ **Yes**
Check one of the boxes above. Default is "No."

RSMV #3 Configuration Screen #1

RSM 3 Configuration
Compressor Option
DUAL
Use < or > to CHANGE

◉ **DUAL**
○ **SINGLE**
Check one of the boxes above. Default is "DUAL".

RSMV #3 Configuration Screen #2

RSM 3 Configuration
Compressor Type
1st VFD / 2nd FIXED
Use < or > to CHANGE

◉ **1st VFD / 2nd FIXED**
○ **BOTH ARE FIXED**
Check one of the boxes above. Default is "1st VFD / 2nd FIXED".

RSMV #3 Configuration Screen #3

RSM 3 Configuration
Evap Coil Exv
Uses EXV-1 Only
Use < or > to CHANGE

○ **Uses EXV-1 & EXV-2**
◉ **Uses EXV-1 Only**
Check one of the boxes above. Default is "Uses EXV-1 Only."

RSMV #3 Configuration Screen #4

RSM 3 Configuration
Heat Pump Cond Exv
Uses EXV-3 Only
Use < or > to CHANGE

○ **Uses EXV-3 & EXV-4**
◉ **Uses EXV-3 Only**
Check one of the boxes above. Default is "Uses EXV-3 Only."

RSMV #3 Configuration Screen #5

RSM 3 Configuration
Single Comp Startup
No
Use < or > to CHANGE

◉ **No**
○ **Yes**
Check one of the boxes. Default is "**No**."

RSMV #4 Configuration Screen #1

RSM 4 Configuration
Compressor Option
DUAL
Use < or > to CHANGE

◉ **DUAL**
○ **SINGLE**
Check one of the boxes above. Default is "DUAL".

RSMV #4 Configuration Screen #2

RSM 4 Configuration
Compressor Type
1st VFD / 2nd FIXED
Use < or > to CHANGE

◉ **1st VFD / 2nd FIXED**
○ **BOTH ARE FIXED**
Check one of the boxes above. Default is "1st VFD / 2nd FIXED".

RSMV #4 Configuration Screen #3

RSM 4 Configuration
Evap Coil Exv
Uses EXV-1 Only
Use < or > to CHANGE

○ **Uses EXV-1 & EXV-2**
◉ **Uses EXV-1 Only**
Check one of the boxes above. Default is "Uses EXV-1 Only."

RSMV #4 Configuration Screen #4

RSM 4 Configuration
Heat Pump Cond Exv
Uses EXV-3 Only
Use < or > to CHANGE

○ **Uses EXV-3 & EXV-4**
◉ **Uses EXV-3 Only**
Check one of the boxes above. Default is "Uses EXV-3 Only."

RSMV #4 Configuration Screen #5

RSM 4 Configuration
Single Comp Startup
No
Use < or > to CHANGE

◉ **No**
○ **Yes**
Check one of the boxes above. Default is "No."

RSMD MAIN CONFIGURATION SCREENS

RSMD Main Configuration Screen #1

RSMD Configuration
Dig Comp Safety
Stage Off Pos: 11%
Period: 120Min

In the 1st box, enter a value from 11 to 50. Default is "11". In the 2nd box, enter a value from 15 to 300. Default is "120".

RSMD Main Configuration Screen #2

RSM #1 Configuration
Condenser Options
2 Cond per RSMD
Use < or > to CHANGE

- ◉ **2 Cond per RSMD**
- ○ **1 Cond for 1 RSMD**
- ○ **1 Cond for 2 RSMDs**
- ○ **1 Cond for 3 RSMDs**
- ○ **2 Cond for 2 RSMDs**
- ○ **1 Cond for 4 RSMDs**

Check one of the boxes above. Default is "2 Cond per RSMD".

RSMD Main Configuration Screens #3-5

RSM 2-4 Cond Options
Config Same as RSM 1
2 Cond per RSMD
Use < or > to CHANGE

- ◉ **2 Cond per RSMD**
- ○ **1 Cond for 1 RSMD**
- ○ **1 Cond for 2 RSMDs**
- ○ **1 Cond for 3 RSMDs**
- ○ **2 Cond for 2 RSMDs**
- ○ **1 Cond for 4 RSMDs**

Choose the same Condenser option you chose for RSMD #1 for RSMD #2, #3, and #4 from the list above, depending on how many RSMDs you are using. If you choose any other option than the one chosen for RSMD #1, the RSMD will not run properly. Default is "2 Cond per RSMD".

RSMD #1-#4 CONFIGURATION SCREENS

RSMD #1 Configuration Screen #1

RSM 1 Configuration
Compressor Option
DUAL
Use < or > to CHANGE

- ◉ **DUAL**
- ○ **SINGLE**

Check one of the boxes above. Default is "DUAL".

RSMD #1 Configuration Screen #2

RSM 1 Configuration
Compressor #1 Type
MODULATING
Use < or > to CHANGE

- ◉ **MODULATING**
- ○ **FIXED**

Check one of the boxes above. Default is "MODULATING".

RSMD #1 Configuration Screen #3

RSM 1 Configuration
Compressor #2 Type
MODULATING
Use < or > to CHANGE

- ◉ **MODULATING**
- ○ **FIXED**

Check one of the boxes above. Default is "MODULATING".

RSMD #1 Configuration Screen #4

RSM 1 Configuration
Refrigerant Circuit
SPLIT
Use < or > to CHANGE

- ◉ **SPLIT**
- ○ **TANDEM**

Check one of the boxes above. Default is "SPLIT".

RSMD #1 Configuration Screen #5

RSM 1 Configuration
Fan Cycle Control
NO
Use < or > to CHANGE

- ○ **YES**
- ◉ **NO**

Check one of the boxes above. Default is "NO".

RSMD #1 Configuration Screen #6

RSM 1 Configuration
Fixed Condenser Fan
NO
Use < or > to CHANGE

- ○ **YES**
- ◉ **NO**

Check one of the boxes above. Default is "NO".

RSMD #1 Configuration Screen #7

RSM 1 Configuration
2 Stage Compressor
NO
Use < or > to CHANGE

- ○ **YES**
- ◉ **NO**

Check one of the boxes above. Default is "NO".

RSMD #1 Configuration Screen #8

RSM 1 Configuration
Single Comp Startup
NO
Use < or > to CHANGE

- ○ **YES**
- ◉ **NO**

Check one of the boxes above. Default is "NO".

RSMD #1 Configuration Screen #9

RSM 1 Configuration
WSE Operation
NO
Use < or > to CHANGE

- ○ **YES**
- ◉ **NO**

Check one of the boxes above. Default is "NO"

RSMD #2 Configuration Screen #1

RSM 2 Configuration
Compressor Option
DUAL
Use < or > to CHANGE

◉ **DUAL**
○ **SINGLE**
Check one of the boxes above. Default is "DUAL".

RSMD #2 Configuration Screen #2

RSM 2 Configuration
Compressor #1 Type
MODULATING
Use < or > to CHANGE

◉ **MODULATING**
○ **FIXED**
Check one of the boxes above. Default is "MODULATING".

RSMD #2 Configuration Screen #3

RSM 2 Configuration
Compressor #2 Type
MODULATING
Use < or > to CHANGE

◉ **MODULATING**
○ **FIXED**
Check one of the boxes above. Default is "MODULATING".

RSMD #2 Configuration Screen #4

RSM 2 Configuration
Refrigerant Circuit
SPLIT
Use < or > to CHANGE

◉ **SPLIT**
○ **TANDEM**
Check one of the boxes above. Default is "SPLIT".

RSMD #2 Configuration Screen #5

RSM 2 Configuration
Fan Cycle Control
NO
Use < or > to CHANGE

○ **YES**
◉ **NO**
Check one of the boxes above. Default is "NO".

RSMD #2 Configuration Screen #6

RSM 2 Configuration
Fixed Condenser Fan
NO
Use < or > to CHANGE

○ **YES**
◉ **NO**
Check one of the boxes above. Default is "NO".

RSMD #2 Configuration Screen #7

RSM 2 Configuration
2 Stage Compressor
NO
Use < or > to CHANGE

○ **YES**
◉ **NO**
Check one of the boxes above. Default is "NO".

RSMD #2 Configuration Screen #8

RSM 2 Configuration
Single Comp Startup
NO
Use < or > to CHANGE

○ **YES**
◉ **NO**
Check one of the boxes above. Default is "NO".

RSMD #2 Configuration Screen #9

RSM 2 Configuration
WSE Operation
NO
Use < or > to CHANGE

○ **YES**
◉ **NO**
Check one of the boxes above. Default is "NO".

RSMD #3 Configuration Screen #1

RSM 3 Configuration
Compressor Option
DUAL
Use < or > to CHANGE

◉ **DUAL**
○ **SINGLE**
Check one of the boxes above. Default is "DUAL".

RSMD #3 Configuration Screen #2

RSM 3 Configuration
Compressor #1 Type
MODULATING
Use < or > to CHANGE

◉ **MODULATING**
○ **FIXED**
Check one of the boxes above. Default is "MODULATING".

RSMD #3 Configuration Screen #3

RSM 3 Configuration
Compressor #2 Type
MODULATING
Use < or > to CHANGE

◉ **MODULATING**
○ **FIXED**
Check one of the boxes above. Default is "MODULATING".

RSMD #3 Configuration Screen #4

RSM 3 Configuration
Refrigerant Circuit
SPLIT
Use < or > to CHANGE

◉ **SPLIT**
○ **TANDEM**
Check one of the boxes above. Default is "SPLIT".

RSMD #3 Configuration Screen #5

RSM 3 Configuration
Fan Cycle Control
NO
Use < or > to CHANGE

○ **YES**
◉ **NO**
Check one of the boxes above. Default is "NO".

RSMD #3 Configuration Screen #6

RSM 3 Configuration
Fixed Condenser Fan
NO
Use < or > to CHANGE

○ **YES**
◉ **NO**
Check one of the boxes above. Default is "NO".

RSMD #3 Configuration Screen #7

RSM 3 Configuration
2 Stage Compressor
NO
Use < or > to CHANGE

○ **YES**
◉ **NO**
Check one of the boxes above. Default is "NO".

RSMD #3 Configuration Screen #8

RSM 3 Configuration
Single Comp Startup
NO
Use < or > to CHANGE

○ **YES**
◉ **NO**
Check one of the boxes above. Default is "NO".

RSMD #3 Configuration Screen #9

RSM 3 Configuration
WSE Operation
NO
Use < or > to CHANGE

○ **YES**
◉ **NO**
Check one of the boxes above. Default is "NO".

RSMD #4 Configuration Screen #1

RSM 4 Configuration
Compressor Option
DUAL
Use < or > to CHANGE

◉ **DUAL**
○ **SINGLE**
Check one of the boxes above. Default is "DUAL".

RSMD #4 Configuration Screen #2

RSM 4 Configuration
Compressor #1 Type
MODULATING
Use < or > to CHANGE

◉ **MODULATING**
○ **FIXED**
Check one of the boxes above. Default is "MODULATING".

RSMD #4 Configuration Screen #3

RSM 4 Configuration
Compressor #2 Type
MODULATING
Use < or > to CHANGE

◉ **MODULATING**
○ **FIXED**
Check one of the boxes above. Default is "MODULATING".

RSMD #4 Configuration Screen #4

RSM 4 Configuration
Refrigerant Circuit
SPLIT
Use < or > to CHANGE

◉ **SPLIT**
○ **TANDEM**
Check one of the boxes above. Default is "SPLIT".

RSMD #4 Configuration Screen #5

RSM 4 Configuration
Fan Cycle Control
NO
Use < or > to CHANGE

○ **YES**
◉ **NO**
Check one of the boxes above. Default is "NO".

RSMD #4 Configuration Screen #6

RSM 4 Configuration
Fixed Condenser Fan
NO
Use < or > to CHANGE

○ **YES**
◉ **NO**
Check one of the boxes above. Default is "NO".

RSMD #4 Configuration Screen #7

RSM 4 Configuration
2 Stage Compressor
NO
Use < or > to CHANGE

○ **YES**
◉ **NO**
Check one of the boxes above. Default is "NO".

RSMD #4 Configuration Screen #8

RSM 4 Configuration
Single Comp Startup
NO
Use < or > to CHANGE

○ **YES**
◉ **NO**
Check one of the boxes above. Default is "NO".

RSMD #4 Configuration Screen #9

RSM 4 Configuration
WSE Operation
NO
Use < or > to CHANGE

○ **YES**
◉ **NO**
Check one of the boxes above. Default is "NO".

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