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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VCCX2 Configuration Worksheet

Configuration Screen #1
VCCX2 Cfg ID 119
Sensor Scaling
Fahrenheit
Use < or > To Change

- Fahrenheit
- Celsius

Check one of the boxes above. Default is “Fahrenheit”.

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

- NO
- YES

Check one of the boxes above. Default is “NO”.

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

- NO
- YES

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

Configuration Screen #4
VCCX2 Cfg ID 119
RSMSD Installed: NO
RSM Type: VFD
Use < or > To Change

- NO
- YES

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

Configuration Screen #5
VCCX2 Cfg ID 119
EM1 Installed: NO
12RLY Install: NO
Use < or > To Change

- NO
- YES

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

Configuration Screen #6
VCCX2 Cfg ID 119
MHGRV Installed: NO
EXP Installed: NO
Use < or > To Change

- NO
- YES

MHGRV
- NO
- YES

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

Configuration Screen #7
VCCX2 Cfg ID 119
MODGS Installed: NO
XWR#2 Installed: NO
Use < or > To Change

- NO
- YES

MODGAS
- NO
- YES

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

Configuration Screen #8
VCCX2 Cfg 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 Cfg 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 Cfg 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 Cfg 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 Cfg ID 119
Reset Interval
Rate: 30 s
[1 - 255 Seconds]

Enter 1 to 255 seconds above. Default is “30 Seconds”.

Configuration Screen #13
VCCX2 Cfg 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 Cfg ID 119
Read Space RH
Broadcast: NO
Use < or > To Change

- YES
- NO

Check one of the boxes above. Default is “NO”.

VCCX2 Configurations 11-27-18
### Configuration Screen #15

<table>
<thead>
<tr>
<th>VCCX2 Cnfg ID 119</th>
<th>Remote Space Sensor</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Board Address: 0</td>
</tr>
</tbody>
</table>

Enter the address. Default is “0”.

### Configuration Screen #16

<table>
<thead>
<tr>
<th>VCCX2 Cnfg ID 119</th>
<th>E-BUS SPC/RH Sensor</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Enable Alarm LED</td>
</tr>
</tbody>
</table>

- Enable Alarm LED
- Disable Alarm LED

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

### Configuration Screen #17

<table>
<thead>
<tr>
<th>VCCX2 Cnfg ID 119</th>
<th>Outdoor Sensor Type</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>None</td>
</tr>
</tbody>
</table>

- None
- Analog
- E-BUS OAT/ RH
- Receive Broadcast
- Use BACnet OAT/RH

Check one of the boxes above. Default is “None”.

### Configuration Screen #18

<table>
<thead>
<tr>
<th>VCCX2 Cnfg ID 119</th>
<th>Return Sensor Type</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>NONE</td>
</tr>
</tbody>
</table>

- None
- Analog
- E-BUS Temp/RH

Check one of the boxes above. Default is “NONE”.

### Configuration Screen #19

<table>
<thead>
<tr>
<th>VCCX2 Cnfg ID 119</th>
<th>Static Pr Control</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Fan VFD / SZ VAV</td>
</tr>
</tbody>
</table>

- None
- Fan VFD / SZ VAV
- Bypass Damper

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

### Configuration Screen #20

<table>
<thead>
<tr>
<th>VCCX2 Cnfg ID 119</th>
<th>Static/Fan Control</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Rate: 10 s</td>
</tr>
</tbody>
</table>

Enter 1 to 30 seconds above. Default is “10 seconds”.

### Configuration Screen #21

<table>
<thead>
<tr>
<th>VCCX2 Cnfg ID 119</th>
<th>Static Pr Control</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Max Adjust: 5%</td>
</tr>
</tbody>
</table>

Enter 1 to 30 percent above. Default is “5 percent”.

### Configuration Screen #22

<table>
<thead>
<tr>
<th>VCCX2 Cnfg ID 119</th>
<th>Fan Voltage Output</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Min Volts: 0.0 VDC</td>
</tr>
</tbody>
</table>

In the first box, enter 0 to 10. Default is “0 Volts”. In the second box, enter 0 to 10. Default is “10 Volts.”
**VCCX2 Configuration Worksheet**

**Configuration Screen #23**

<table>
<thead>
<tr>
<th>VCCX2 Cnfg ID 119</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fan Cycle Mode</td>
</tr>
<tr>
<td>NO</td>
</tr>
<tr>
<td>Use &lt; or &gt; To Change</td>
</tr>
</tbody>
</table>

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

Check one of the boxes above. Default is “NO”.

**Configuration Screen #24**

<table>
<thead>
<tr>
<th>VCCX2 Cnfg ID 119</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fan Runs During Unoccupied: NO</td>
</tr>
<tr>
<td>Use &lt; or &gt; To Change</td>
</tr>
</tbody>
</table>

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

Check one of the boxes above. Default is “NO”.

**Configuration Screen #25**

<table>
<thead>
<tr>
<th>VCCX2 Cnfg ID 119</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fan Proving</td>
</tr>
<tr>
<td>NO</td>
</tr>
<tr>
<td>Use &lt; or &gt; To Change</td>
</tr>
</tbody>
</table>

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

Check one of the boxes above. Default is “NO”.

**Configuration Screen #26**

<table>
<thead>
<tr>
<th>VCCX2 Cnfg ID 119</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fan Starting Delay: -1 s</td>
</tr>
<tr>
<td>[ -1 = Unit Addr x 5 ]</td>
</tr>
</tbody>
</table>

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

**Configuration Screen #27**

<table>
<thead>
<tr>
<th>VCCX2 Cnfg ID 119</th>
</tr>
</thead>
<tbody>
<tr>
<td>Purge Mode Delay: 30 s</td>
</tr>
<tr>
<td>[ 0 – 900 Seconds ]</td>
</tr>
</tbody>
</table>

Enter 0 to 900 seconds above. Default is “30 seconds”.

**Configuration Screen #28**

<table>
<thead>
<tr>
<th>VCCX2 Cnfg ID 119</th>
</tr>
</thead>
<tbody>
<tr>
<td>Heat Type</td>
</tr>
<tr>
<td>No Heat</td>
</tr>
<tr>
<td>Use &lt; or &gt; To Change</td>
</tr>
</tbody>
</table>

- **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**

<table>
<thead>
<tr>
<th>VCCX2 Cnfg ID 119</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mod Heat Volt Output Min Pos Volts: 0.0 Max Pos Volts: 10.0</td>
</tr>
</tbody>
</table>

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**

<table>
<thead>
<tr>
<th>VCCX2 Cnfg ID 119</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cool Type Refrigeration Module</td>
</tr>
<tr>
<td>Use &lt; or &gt; To Change</td>
</tr>
</tbody>
</table>

- **Refrigeration Module**
- **Staged Only**
- **Mod Only**

Check one of the boxes above. Default is “Refrigeration Module”.

**Configuration Screen #31**

<table>
<thead>
<tr>
<th>VCCX2 Cnfg ID 119</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chilled Water Valve 0-10VDC</td>
</tr>
<tr>
<td>Use &lt; or &gt; To Change</td>
</tr>
</tbody>
</table>

- **0-10 VDC**
- **2-10 VDC**

Check one of the boxes above. Default is “0-10 VDC”.
Enter 0 to 240 minutes above. Default is “15 Minutes”.

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

Check one of the boxes above. Default is “NO”.

Check one of the boxes above. Default is “NO”.

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

Enter 1 to 30. Default is “5 percent”.

Enter 1 to 30 seconds. Default is “10 seconds”.

Enter 1 to 30. Default is “10 VDC.”

Enter 1 to 30 seconds. Default is “10 seconds”.

Enter 1 to 30. Default is “10 seconds”.

Enter 0 to 10. Default is “2 VDC”. In the second box, enter 0 to 10. Default is “10 VDC.”

Enter 1 to 30 seconds. Default is “10 seconds”.

Enter 0 to 10. Default is “2 VDC”. In the second box, enter 0 to 10. Default is “10 VDC.”

Enter 1 to 30. Default is “5 percent”.

Enter 0 to 240 minutes above. Default is “15 Minutes”.

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

Check one of the boxes above. Default is “NO”.

Check one of the boxes above. Default is “NO”.

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.”

In the first box, enter 0 to 10. Default is “10 sec”. In the second box, enter 0 to 10. Default is “10 s”.

In the first box, enter 0 to 10. Default is “2 VDC”. In the second box, enter 0 to 10. Default is “10 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.”
VCCX2 Configuration Worksheet

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
Waterside Condenser
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”.

VCCX2 Configurations 11-27-18
### Configuration Screen #59

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

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

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

- NO
- YES

Check one of the boxes above. Default is “NO”.

### Configuration Screen #61

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

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

**VCCX2 Cnfg ID 119**  
Morning Warm Up  
None  
Use < or > To Change

- None
- Stand-Alone
- Broadcast Fixed to Boxes
- Broadcast Max to Boxes

Check one of the boxes above. Default is “None”.

### Configuration Screen #63

**VCCX2 Cnfg ID 119**  
AHU Uses Schedule  
Number: 0  
[ ‘0’ For Internal ]

Enter 0-8. Default is “0”.

### Configuration Screen #64

**VCCX2 Cnfg ID 119**  
Daylight Adjustment  
Start Date: 0  
Stop Date: 0

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

**VCCX2 Cnfg ID 119**  
Trend Log  
Rate: 15 Min  
[ 1 – 120 Minutes ]

Enter 1 to 120 minutes. Default is “15 minutes”.

### Configuration Screen #66

**VCCX2 Cnfg ID 119**  
Emergency Shutdown  
NO  
Use < or > To Change

- NO
- YES

Check one of the boxes above. Default is “NO”.

### Configuration Screen #67

**VCCX2 Cnfg ID 119**  
Dirty Filter  
NO  
Use < or > To Change

- NO
- YES

Check one of the boxes above. Default is “NO”.

### Configuration Screen #68

**VCCX2 Cnfg ID 119**  
Broadcast OA Temp  
NO  
Use < or > To Change

- NO
- YES

Check one of the boxes above. Default is “NO”.

### Configuration Screen #69

**VCCX2 Cnfg ID 119**  
Broadcast OA RH  
NO  
Use < or > To Change

- NO
- YES

Check one of the boxes above. Default is “NO”.

### Configuration Screen #70

**VCCX2 Cnfg ID 119**  
Broadcast SPC Temp  
NO  
Use < or > To Change

- NO
- YES

Check one of the boxes above. Default is “NO”.

### Configuration Screen #71

**VCCX2 Cnfg ID 119**  
Broadcast SPC RH  
NO  
Use < or > To Change

- NO
- YES

Check one of the boxes above. Default is “NO”.

### Configuration Screen #72

**VCCX2 Cnfg ID 119**  
Broadcast CO2  
NO  
Use < or > To Change

- NO
- YES

Check one of the boxes above. Default is “NO”.

### Configuration Screen #73

**VCCX2 Cnfg ID 119**  
Broadcast Build. Pr.  
NO  
Use < or > To Change

- NO
- YES

Check one of the boxes above. Default is “NO”.

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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
☐ Beast Fixed to Boxes
☐ Beast 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

<table>
<thead>
<tr>
<th>VCCX2 Cnfg ID 119</th>
<th>On-Board Relay 2</th>
<th>Not Used</th>
<th>Use &lt; or &gt; To Change</th>
</tr>
</thead>
<tbody>
<tr>
<td>□ Not Used (Default)</td>
<td>□ Cooling Stage</td>
<td>□ Heating Stage</td>
<td>□ Heat Pump Aux Heat</td>
</tr>
<tr>
<td>□ Not Used (Default)</td>
<td>□ Heat Pump Emergency Heat</td>
<td>□ Mod Heat Enable</td>
<td>□ Mod Cool Enable</td>
</tr>
<tr>
<td>□ Warm-up / Cool-Down</td>
<td>□ Reheat</td>
<td>□ Preheat</td>
<td>□ Low Ambient</td>
</tr>
<tr>
<td>□ Exhaust Fan</td>
<td>□ Economizer</td>
<td>□ Heat Wheel</td>
<td>□ Occupied Mode</td>
</tr>
<tr>
<td>□ Override Mode</td>
<td>□ Alarm Active</td>
<td>□ LL Solenoid 1</td>
<td>□ LL Solenoid 2</td>
</tr>
<tr>
<td>□ LL Solenoid 3</td>
<td>□ Condenser Pump</td>
<td>□ Sump Heater</td>
<td>□ Sump Pump Drain</td>
</tr>
</tbody>
</table>

Check one of the boxes above.

### Configuration Screen #86

<table>
<thead>
<tr>
<th>VCCX2 Cnfg ID 119</th>
<th>On-Board Relay 4</th>
<th>Not Used</th>
<th>Use &lt; or &gt; To Change</th>
</tr>
</thead>
<tbody>
<tr>
<td>□ Not Used (Default)</td>
<td>□ Cooling Stage</td>
<td>□ Heating Stage</td>
<td>□ Heat Pump Aux Heat</td>
</tr>
<tr>
<td>□ Not Used (Default)</td>
<td>□ Heat Pump Emergency Heat</td>
<td>□ Mod Heat Enable</td>
<td>□ Mod Cool Enable</td>
</tr>
<tr>
<td>□ Warm-up / Cool-Down</td>
<td>□ Reheat</td>
<td>□ Preheat</td>
<td>□ Low Ambient</td>
</tr>
<tr>
<td>□ Exhaust Fan</td>
<td>□ Economizer</td>
<td>□ Heat Wheel</td>
<td>□ Occupied Mode</td>
</tr>
<tr>
<td>□ Override Mode</td>
<td>□ Alarm Active</td>
<td>□ LL Solenoid 1</td>
<td>□ LL Solenoid 2</td>
</tr>
<tr>
<td>□ LL Solenoid 3</td>
<td>□ Condenser Pump</td>
<td>□ Sump Heater</td>
<td>□ Sump Pump Drain</td>
</tr>
</tbody>
</table>

Check one of the boxes above.

### Configuration Screen #88

<table>
<thead>
<tr>
<th>VCCX2 Cnfg ID 119</th>
<th>On-Board Relay 6</th>
<th>Not Used</th>
<th>Use &lt; or &gt; To Change</th>
</tr>
</thead>
<tbody>
<tr>
<td>□ Not Used (Default)</td>
<td>□ Cooling Stage</td>
<td>□ Heating Stage</td>
<td>□ Heat Pump Aux Heat</td>
</tr>
<tr>
<td>□ Not Used (Default)</td>
<td>□ Heat Pump Emergency Heat</td>
<td>□ Mod Heat Enable</td>
<td>□ Mod Cool Enable</td>
</tr>
<tr>
<td>□ Warm-up / Cool-Down</td>
<td>□ Reheat</td>
<td>□ Preheat</td>
<td>□ Low Ambient</td>
</tr>
<tr>
<td>□ Exhaust Fan</td>
<td>□ Economizer</td>
<td>□ Heat Wheel</td>
<td>□ Occupied Mode</td>
</tr>
<tr>
<td>□ Override Mode</td>
<td>□ Alarm Active</td>
<td>□ LL Solenoid 1</td>
<td>□ LL Solenoid 2</td>
</tr>
<tr>
<td>□ LL Solenoid 3</td>
<td>□ Condenser Pump</td>
<td>□ Sump Heater</td>
<td>□ Sump Pump Drain</td>
</tr>
</tbody>
</table>

Check one of the boxes above.
VCCX2 Configuration Worksheet

Configuration Screen #89


Check one of the boxes above.

Configuration Screen #91


Check one of the boxes above.

Configuration Screen #90


Check one of the boxes above.

Configuration Screen #92


Check one of the boxes above.

Configuration Screen #93


Check one of the boxes above.

Configuration Screen #94

<table>
<thead>
<tr>
<th>VCCX2 Cnfg ID 119</th>
<th>12 Rly Bd 1</th>
<th>Not Used</th>
<th>Use &lt; or &gt; To Change</th>
</tr>
</thead>
<tbody>
<tr>
<td>EM1 Relay 5</td>
<td>Not Used</td>
<td>Use &lt; or &gt; To Change</td>
<td></td>
</tr>
<tr>
<td>VCCX2 Cnfg ID 119</td>
<td>12 Rly Bd 2</td>
<td>Not Used</td>
<td>Use &lt; or &gt; To Change</td>
</tr>
<tr>
<td>VCCX2 Cnfg ID 119</td>
<td>12 Rly Bd 3</td>
<td>Not Used</td>
<td></td>
</tr>
<tr>
<td>VCCX2 Cnfg ID 119</td>
<td>12 Rly Bd 4</td>
<td>Not Used</td>
<td>Use &lt; or &gt; To Change</td>
</tr>
</tbody>
</table>

Check one of the boxes above.

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

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

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

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

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

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
VCCX2 Configuration Worksheet

☐ 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 #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 #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 #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

Check one of the boxes above.
VCCX2 Configuration Worksheet

Configuration Screen #105

- 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

- 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

- 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
Put 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

<table>
<thead>
<tr>
<th>VCCX2 Spts ID 119</th>
<th>Static Pressure Reset Limit: 45°F</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Lo Rst Lmt: 40°F</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>VCCX2 Spts ID 119</th>
<th>Static Pressure Setpt: 1.50″WG</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Deadband: 0.10″WG</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>VCCX2 Spts ID 119</th>
<th>Static Pressure Reset Max Limit: 1.50″WG</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Min Limit: 1.50″WG</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>VCCX2 Spts ID 119</th>
<th>Static Pressure Reset Interval: 15Min</th>
</tr>
</thead>
</table>

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

## Setpoint Screen #18

<table>
<thead>
<tr>
<th>VCCX2 Spts ID 119</th>
<th>VFD Speed Limits</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Min Cool: 30%</td>
</tr>
<tr>
<td></td>
<td>Min Vent: 20%</td>
</tr>
</tbody>
</table>

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 when heating is initiated. It can then modulate up to 100% 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 #19

<table>
<thead>
<tr>
<th>VCCX2 Spts ID 119</th>
<th>VFD Speed Limits</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Min Heat: 50%</td>
</tr>
<tr>
<td></td>
<td>Max Heat: 100%</td>
</tr>
</tbody>
</table>

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.
VCCX2 Setpoints Worksheet

Setpoint Screen #21

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

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

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

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

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”.

VCCX2 Setpoints 11-27-18
VCCX2 Setpoints Worksheet

Setpoint Screen #26

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 #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 1 to 100. The default value is “10”.

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: 315 psi
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 #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 #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 150. The default value is “50”.

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 #31

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

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

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”.

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

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

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

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

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

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

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

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

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

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

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

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

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

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”.

VCCX2 Setpoints 11-27-18
<table>
<thead>
<tr>
<th>Setpoint Screen #46</th>
<th>Setpoint Screen #50</th>
<th>Setpoint Screen #54</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>VCCX2 Spts ID 119</strong>&lt;br&gt;OAT Lockouts&lt;br&gt;Heat: 90.0°F</td>
<td><strong>VCCX2 Spts ID 119</strong>&lt;br&gt;Low Ambient&lt;br&gt;Setpt: 30.0°F</td>
<td><strong>VCCX2 Spts ID 119</strong>&lt;br&gt;Morning Warmup&lt;br&gt;SAT Setpt: 100.0°F&lt;br&gt;Target Temp: 70.0°F</td>
</tr>
<tr>
<td>In the box above enter a value from -30 to 150. The default value is “90”.</td>
<td>In the box above enter a value from -30 to 70. The default value is “30”.</td>
<td>In the box above enter a value from 40 to 240. The default value is “100”.&lt;br&gt;In the second box above enter a value from 50 to 90. The default value is “70”.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Setpoint Screen #47</th>
<th>Setpoint Screen #51</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>VCCX2 Spts ID 119</strong>&lt;br&gt;Supply Air Cutoffs&lt;br&gt;Cooling: 40.0°F&lt;br&gt;Heating: 150.0°F</td>
<td><strong>VCCX2 Spts ID 119</strong>&lt;br&gt;Heat Pump Defrost&lt;br&gt;Interval: 30 Min</td>
</tr>
<tr>
<td>In the first box above enter a value from 0 to 100. The default value is “40”.&lt;br&gt;In the second box above enter a value from 0 to 250. The default value is “150”.</td>
<td>In the box above enter a value from 10 to 120. The default value is “30”.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Setpoint Screen #48</th>
<th>Setpoint Screen #52</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>VCCX2 Spts ID 119</strong>&lt;br&gt;Hot Water Valve&lt;br&gt;Protection Pos: 0%</td>
<td><strong>VCCX2 Spts ID 119</strong>&lt;br&gt;Adaptive Defrost&lt;br&gt;Interval Adj: 0 Min</td>
</tr>
<tr>
<td>In the box above enter a value from 0 to 100. The default value is “0”</td>
<td>In the box above enter a value from 0 to 30. The default value is “0”</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Setpoint Screen #49</th>
<th>Setpoint Screen #53</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>VCCX2 Spts ID 119</strong>&lt;br&gt;Preheat Relay&lt;br&gt;Setpt: 30.0°F</td>
<td><strong>VCCX2 Spts ID 119</strong>&lt;br&gt;Heat Wheel Defrost&lt;br&gt;Temp Setpt: 30.0°F</td>
</tr>
<tr>
<td>In the box above enter a value from -30 to 70. The default value is “30”</td>
<td>In the box above enter a value from 0 to 50. The default value is “30”</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Setpoint Screen #55</th>
<th>Setpoint Screen #56</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>VCCX2 Spts ID 119</strong>&lt;br&gt;Low Ambient&lt;br&gt;Setpt: 30.0°F</td>
<td><strong>VCCX2 Spts ID 119</strong>&lt;br&gt;Heat Pump Defrost&lt;br&gt;Interval: 30 Min</td>
</tr>
<tr>
<td></td>
<td>In the box above enter a value from 30 to 80. The default value is “55”.&lt;br&gt;In the box above enter a value from 50 to 80. The default value is “68”.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Setpoint Screen #57</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>VCCX2 Spts ID 119</strong>&lt;br&gt;Morning Warmup&lt;br&gt;SAT Setpt: 100.0°F&lt;br&gt;Target Temp: 70.0°F</td>
<td><strong>VCCX2 Spts ID 119</strong>&lt;br&gt;Warmup and Cooldown&lt;br&gt;Max Length: 60 Min</td>
</tr>
<tr>
<td></td>
<td>In the box above enter a value from 0 to 240. The default value is “60”.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>VCCX2 Spts ID 119</strong>&lt;br&gt;Morning Warmup&lt;br&gt;SAT Setpt: 55.0°F&lt;br&gt;Target Temp: 68.0°F</th>
<th><strong>VCCX2 Spts ID 119</strong>&lt;br&gt;Warmup and Cooldown&lt;br&gt;Max Length: 60 Min</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>In the box above enter a value from 0 to 240. The default value is “60”.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>VCCX2 Spts ID 119</strong>&lt;br&gt;Low Ambient&lt;br&gt;Setpt: 30.0°F</th>
<th><strong>VCCX2 Spts ID 119</strong>&lt;br&gt;Heat Pump Defrost&lt;br&gt;Interval: 30 Min</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>In the box above enter a value from 30 to 80. The default value is “55”.&lt;br&gt;In the box above enter a value from 50 to 80. The default value is “68”.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>VCCX2 Spts ID 119</strong>&lt;br&gt;Low Ambient&lt;br&gt;Setpt: 30.0°F</th>
<th><strong>VCCX2 Spts ID 119</strong>&lt;br&gt;Heat Pump Defrost&lt;br&gt;Interval: 30 Min</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>In the box above enter a value from 30 to 80. The default value is “55”.&lt;br&gt;In the box above enter a value from 50 to 80. The default value is “68”.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>VCCX2 Spts ID 119</strong>&lt;br&gt;Low Ambient&lt;br&gt;Setpt: 30.0°F</th>
<th><strong>VCCX2 Spts ID 119</strong>&lt;br&gt;Heat Pump Defrost&lt;br&gt;Interval: 30 Min</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>In the box above enter a value from 30 to 80. The default value is “55”.&lt;br&gt;In the box above enter a value from 50 to 80. The default value is “68”.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>VCCX2 Spts ID 119</strong>&lt;br&gt;Low Ambient&lt;br&gt;Setpt: 30.0°F</th>
<th><strong>VCCX2 Spts ID 119</strong>&lt;br&gt;Heat Pump Defrost&lt;br&gt;Interval: 30 Min</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>In the box above enter a value from 30 to 80. The default value is “55”.&lt;br&gt;In the box above enter a value from 50 to 80. The default value is “68”.</td>
</tr>
</tbody>
</table>
VCCX2 Setpoints Worksheet

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”.

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

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 CO2 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
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

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

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 #2 Configuration Screen #1**

- **RSM 2 Configuration Compressor Option**
  - **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
    - 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 #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

- DUAL
  - SINGLE
  - 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 RSM #1 for RSM #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 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”.

RSM #1 Configuration
Screen #3

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

MODULATING
FIXED
Check one of the boxes above. Default is “MODULATING”.

RSM #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”.

RSM #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”.

RSM #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”.

RSM #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”.

RSM #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”.

RSM #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”.

RSM #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”.

RSM #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”.

RSM #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 #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”.

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

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

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

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

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

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