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:
_______________________________________________________________________________________
_______________________________________________________________________________________
_______________________________________________________________________________________
_______________________________________________________________________________________
_______________________________________________________________________________________
_______________________________________________________________________________________
_______________________________________________________________________________________
_______________________________________________________________________________________
_______________________________________________________________________________________
_______________________________________________________________________________________
_______________________________________________________________________________________
_______________________________________________________________________________________
_______________________________________________________________________________________

Form: VCCX2-ConfigSetpoints-1G-HF.PDF
Based on: SS1088 v. 1.35
Date: 4-2-2020
VCCX2 Configuration Worksheet

**Configuration Screen #1**
VCCX2 Cnfg ID: 0001
Sensor Scaling
Fahrenheit
Use < or > To Change

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

**Configuration Screen #2**
VCCX2 Cnfg ID: 0001
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: 0001
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: 0001
RSM#5 Installed: NO
RSM#6 Installed: NO
Use < or > To Change

RSM#5 RSM#6
- NO - NO
- YES - YES
Check one of the boxes for each category above. Defaults are “NO” and “VFD”.

**Configuration Screen #5**
VCCX2 Cnfg ID: 0001
EM1 Installed: NO
12RLY Installed: 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: 0001
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: 0001
MODGS Installed: NO
XWR#2 Installed: NO
Use < or > To Change

MODGS XWR#2
- NO - NO
- YES - YES
Check one of the boxes for each category above. Defaults are “NO”.

**Configuration Screen #8**
VCCX2 Cnfg ID: 0001
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: 0001
HVAC Source
Supply Air
Use < or > To Change

- Supply Air
- Supply Air/Temp
- 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: 0001
HVAC Mode Set By Remote Control: NO
Use < or > To Change

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

**Configuration Screen #11**
VCCX2 Cnfg ID: 0001
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: 0001
Reset Interval
Rate: 30 s
[1 - 255 Seconds]
Enter 1 to 255 seconds above. Default is “30 Seconds”.

**Configuration Screen #13**
VCCX2 Cnfg ID: 0001
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: 0001
Read Space RH Broadcast: NO
Use < or > To Change

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

VCCX2 Configurations 1-20-20
### Configuration Screen #15

- **VCCX2 Cfg ID: 0001**
- Remote Space Sensor
- Board Address: 0

Enter the address. Default is “0”.

### Configuration Screen #16

- **VCCX2 Cfg ID: 0001**
- 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 Cfg ID: 0001**
- 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 Cfg ID: 0001**
- 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 Cfg ID: 0001**
- 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 Cfg ID: 0001**
- Static/Fan Control
- Rate: 10 s

- [ 1 – 30 Seconds ]

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

### Configuration Screen #21

- **VCCX2 Cfg ID: 0001**
- Static Pr Control
- Max Adjust: 5%

- [ 1 – 30% ]

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

### Configuration Screen #22

- **VCCX2 Cfg ID: 0001**
- 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.”
### VCCX2 Configuration Worksheet

#### Configuration Screen #23

<table>
<thead>
<tr>
<th>VCCX2 Cfg ID: 0001</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 Cfg ID: 0001</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fan Runs During</td>
</tr>
<tr>
<td>Unoccupied:</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 #25

<table>
<thead>
<tr>
<th>VCCX2 Cfg Id: 0001</th>
</tr>
</thead>
<tbody>
<tr>
<td>Supply 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 Cfg Id: 0001</th>
</tr>
</thead>
<tbody>
<tr>
<td>Return Fan Proving</td>
</tr>
<tr>
<td>No Return Fan POF</td>
</tr>
<tr>
<td>Use &lt; or &gt; To Change</td>
</tr>
</tbody>
</table>

- **No Return Fan POF**
- **Return/Exhaust POF**
- **Return POF w/Supply Fan On**

Check one of the boxes above. Default is “No Return Fan POF”.

#### Configuration Screen #27

<table>
<thead>
<tr>
<th>VCCX2 Cfg Id: 0001</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fan Starting</td>
</tr>
<tr>
<td>Delay:</td>
</tr>
<tr>
<td>-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 #28

<table>
<thead>
<tr>
<th>VCCX2 Cfg Id: 0001</th>
</tr>
</thead>
<tbody>
<tr>
<td>Purge Mode</td>
</tr>
<tr>
<td>Delay:</td>
</tr>
<tr>
<td>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 #29

<table>
<thead>
<tr>
<th>VCCX2 Cfg Id: 0001</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 #30

<table>
<thead>
<tr>
<th>VCCX2 Cfg Id: 0001</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mod Heat Volt Output</td>
</tr>
<tr>
<td>Min Pos Volts:</td>
</tr>
<tr>
<td>0.0</td>
</tr>
<tr>
<td>Max Pos Volts:</td>
</tr>
<tr>
<td>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 #31

<table>
<thead>
<tr>
<th>VCCX2 Cfg Id: 0001</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cool Type</td>
</tr>
<tr>
<td>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 #32

<table>
<thead>
<tr>
<th>VCCX2 Cfg Id: 0001</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chilled Water Valve</td>
</tr>
<tr>
<td>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”.

#### Configuration Screen #33

<table>
<thead>
<tr>
<th>VCCX2 Cfg Id: 0001</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chilled Water Valve</td>
</tr>
<tr>
<td>Direct Acting</td>
</tr>
<tr>
<td>Use &lt; or &gt; To Change</td>
</tr>
</tbody>
</table>

- **Direct Acting**
- **Reverse Acting**

Check one of the boxes above. Default is “Direct Acting”.

#### Configuration Screen #34

<table>
<thead>
<tr>
<th>VCCX2 Cfg Id: 0001</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mech Heat/Cool</td>
</tr>
<tr>
<td>Alarm Delay:</td>
</tr>
<tr>
<td>15 Min</td>
</tr>
</tbody>
</table>

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

#### Configuration Screen #35

<table>
<thead>
<tr>
<th>VCCX2 Cfg Id: 0001</th>
</tr>
</thead>
<tbody>
<tr>
<td>Econo Control Type</td>
</tr>
<tr>
<td>No Economizer</td>
</tr>
<tr>
<td>Use &lt; or &gt; To Change</td>
</tr>
</tbody>
</table>

- **No Economizer**
- **Standard Economizer**
- **IAQ Economizer (Economizer with CO₂ Override)**

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

#### Configuration Screen #36

<table>
<thead>
<tr>
<th>VCCX2 Cfg Id: 0001</th>
</tr>
</thead>
<tbody>
<tr>
<td>Title 24</td>
</tr>
<tr>
<td>Economizer:</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 #37

<table>
<thead>
<tr>
<th>VCCX2 Cfg Id: 0001</th>
</tr>
</thead>
<tbody>
<tr>
<td>Title 24</td>
</tr>
<tr>
<td>Economizer:</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”.

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VCCX2 Configurations 1-20-20
### Configuration Screen #38

<table>
<thead>
<tr>
<th>VCCX2 Cnfg ID: 0001</th>
<th>Econo Enable Source</th>
<th>Drybulb</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Use &lt; or &gt; To Change</td>
<td></td>
</tr>
</tbody>
</table>

- 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 #39

<table>
<thead>
<tr>
<th>VCCX2 Cnfg ID: 0001</th>
<th>Economizer Control</th>
<th>Rate: 10 s</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Prop Window: 10.0°F</td>
<td></td>
</tr>
</tbody>
</table>

- 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 #40

<table>
<thead>
<tr>
<th>VCCX2 Cnfg ID: 0001</th>
<th>Econo Voltage Output</th>
<th>Min Volts: 2.0 VDC</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Max Volts: 10.0 VDC</td>
<td></td>
</tr>
</tbody>
</table>

- 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 #41

<table>
<thead>
<tr>
<th>VCCX2 Cnfg ID: 0001</th>
<th>Econo Relay On When</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Econo Above Min Pos</td>
</tr>
<tr>
<td></td>
<td>Use &lt; or &gt; To Change</td>
</tr>
</tbody>
</table>

- Econo Above Min Pos
- Above Activation%

Check one of the boxes above. Default is “Econo Above Min Pos”.

### Configuration Screen #42

<table>
<thead>
<tr>
<th>VCCX2 Cnfg ID: 0001</th>
<th>Economizer Relay Activation Level Setpoint: 15%</th>
</tr>
</thead>
</table>

In the box, enter 0 to 100. Default is “15 percent”.

### Configuration Screen #43

<table>
<thead>
<tr>
<th>VCCX2 Cnfg ID: 0001</th>
<th>Ht Wheel Enabled By Econo at Min Pos</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Use &lt; or &gt; To Change</td>
</tr>
</tbody>
</table>

- Econo at Min Pos
- OA Enthalpy

Check one of the boxes above. Default is “Econo at Min Pos”.

### Configuration Screen #44

<table>
<thead>
<tr>
<th>VCCX2 Cnfg ID: 0001</th>
<th>CO2 Sensor Installed</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>None Use &lt; or &gt; To Change</td>
</tr>
</tbody>
</table>

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

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

### Configuration Screen #45

<table>
<thead>
<tr>
<th>VCCX2 Cnfg ID: 0001</th>
<th>Building Pr. Control</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>None Use &lt; or &gt; To Change</td>
</tr>
</tbody>
</table>

- None
- Analog
- Receive Broadcast
- Use BACnet Reading

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

### Configuration Screen #46

<table>
<thead>
<tr>
<th>VCCX2 Cnfg ID: 0001</th>
<th>Building Pr. Control</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>None Use &lt; or &gt; To Change</td>
</tr>
</tbody>
</table>

- 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 #47

<table>
<thead>
<tr>
<th>VCCX2 Cnfg ID: 0001</th>
<th>Building Pr. Control Rate: 10 Sec</th>
<th>Max Adjust: 5%</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>[ 1 – 30 Seconds ]</td>
<td>[ 1 – 30% ]</td>
</tr>
</tbody>
</table>

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

### Configuration Screen #48

<table>
<thead>
<tr>
<th>VCCX2 Cnfg ID: 0001</th>
<th>Building Pr. Control</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Max Adjust: 5% Use &lt; or &gt; To Change</td>
</tr>
</tbody>
</table>

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

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

Enter 1 to 30. Default is “5 percent”.
**VCCX2 Configuration Worksheet**

**Configuration Screen #49**

- **VCCX2 Config ID: 0001**
  - 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 #50**

- **VCCX2 Config ID: 0001**
  - 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 #51**

- **VCCX2 Config ID: 0001**
  - WSHP Glycol Percentage: 0%
  - Use < or > To Change

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

**Configuration Screen #52**

- **VCCX2 Config ID: 0001**
  - 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 #53**

- **VCCX2 Config ID: 0001**
  - 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 #54**

- **VCCX2 Config ID: 0001**
  - Humidity Control Sensor: Space
  - Use < or > To Change

- [ ] Space
- [ ] Return

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

**Configuration Screen #55**

- **VCCX2 Config ID: 0001**
  - 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 #56**

- **VCCX2 Config ID: 0001**
  - Airflow Station: Paragon
  - Use < or > To Change

- [ ] Paragon
- [ ] Ebtron

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

**Configuration Screen #57**

- **VCCX2 Config ID: 0001**
  - Monitor OA Airflow
  - NO
  - Use < or > To Change

- [ ] NO
- [ ] YES

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

**Configuration Screen #58**

- **VCCX2 Config ID: 0001**
  - Control Outdoor Air CFM w/Damper: NO
  - Use < or > To Change

- [ ] NO
- [ ] YES

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

**Configuration Screen #59**

- **VCCX2 Config ID: 0001**
  - Monitor SA Airflow
  - NO
  - Use < or > To Change

- [ ] NO
- [ ] YES

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

**Configuration Screen #60**

- **VCCX2 Config ID: 0001**
  - 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 #61**

- **VCCX2 Config ID: 0001**
  - Monitor RA Airflow
  - NO
  - Use < or > To Change

- [ ] NO
- [ ] YES

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

**Configuration Screen #62**

- **VCCX2 Config ID: 0001**
  - 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 #63**

- **VCCX2 Config ID: 0001**
  - Monitor RA Airflow
  - NO
  - Use < or > To Change

- [ ] NO
- [ ] YES

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

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Configuration Screen #64
VCCX2 Cnfg ID: 0001
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 #65
VCCX2 Cnfg ID: 0001
Monitor Exh Airflow
NO
Use < or > To Change

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

Configuration Screen #66
VCCX2 Cnfg ID: 0001
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 #67
VCCX2 Cnfg ID: 0001
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 #68
VCCX2 Cnfg ID: 0001
AHU Uses Schedule
Number: 0
[ ‘0’ For Internal ]

Enter 0-8. Default is “0”.

Configuration Screen #69
VCCX2 Cnfg ID: 0001
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 #70
VCCX2 Cnfg ID: 0001
Trend Log
Rate: 15 Min
[ 1 – 120 Minutes ]

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

Configuration Screen #71
VCCX2 Cnfg ID: 0001
Emergency Shutdown
NO
Use < or > To Change

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

Configuration Screen #72
VCCX2 Cnfg ID: 0001
Dirty Filter
NO
Use < or > To Change

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

Configuration Screen #73
VCCX2 Cnfg ID: 0001
Broadcast OA Temp
NO
Use < or > To Change

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

Configuration Screen #74
VCCX2 Cnfg ID: 0001
Broadcast OA RH
NO
Use < or > To Change

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

Configuration Screen #75
VCCX2 Cnfg ID: 0001
Broadcast SPC Temp
NO
Use < or > To Change

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

Configuration Screen #76
VCCX2 Cnfg ID: 0001
Broadcast SPC RH
NO
Use < or > To Change

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

Configuration Screen #77
VCCX2 Cnfg ID: 0001
Broadcast CO2
NO
Use < or > To Change

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

Configuration Screen #78
VCCX2 Cnfg ID: 0001
Broadcast Build. Pr.
NO
Use < or > To Change

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

VCCX2 Configurations 1-20-20
**VCCX2 Configuration Worksheet**

**Configuration Screen #79**

VCCX2 Cnfg ID: 0001
Broadcast to Boxes: NO
Use < or > To Change

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

**Configuration Screen #80**

VCCX2 Cnfg ID: 0001
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 #81**

VCCX2 Cnfg ID: 0001
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 #82**

VCCX2 Cnfg ID: 0001
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 #83**

VCCX2 Cnfg ID: 0001
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 #84**

VCCX2 Cnfg ID: 0001
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 #85**

VCCX2 Cnfg ID: 0001
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 #86**

VCCX2 Cnfg ID: 0001
Return Air Bypass Control: NO
Use < or > To Change

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

**Configuration Screen #87**

VCCX2 Cnfg ID: 0001
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 #88**

VCCX2 Cnfg ID: 0001
Evap Condenser Control: No
Use < or > To Change

☐ No
☐ Yes
Check one of the boxes above. Default is “No”.
Reals #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 #89**

- 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
- A1 Comp Status
- A2 Comp Status
- B1 Comp Status
- B2 Comp Status
- Condenser Pump
- Sump Heater
- Sump Pump Drain

Check one of the boxes above.

**Configuration Screen #91**

- 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
- A1 Comp Status
- A2 Comp Status
- B1 Comp Status
- B2 Comp Status
- Condenser Pump
- Sump Heater
- Sump Pump Drain

Check one of the boxes above.

**Configuration Screen #93**

- 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
- A1 Comp Status
- A2 Comp Status
- B1 Comp Status
- B2 Comp Status
- Condenser Pump
- Sump Heater
- Sump Pump Drain

Check one of the boxes above.
VCCX2 Configuration Worksheet

**Configuration Screen #94**

VCCX2 Cfg ID: 0001
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
- A1 Comp Status
- A2 Comp Status
- B1 Comp Status
- B2 Comp Status
- Condenser Pump
- Sump Heater
- Sump Pump Drain

Check one of the boxes above.

**Configuration Screen #96**

VCCX2 Cfg ID: 0001
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
- A1 Comp Status
- A2 Comp Status
- B1 Comp Status
- B2 Comp Status
- Condenser Pump
- Sump Heater
- Sump Pump Drain

Check one of the boxes above.

**Configuration Screen #98**

VCCX2 Cfg ID: 0001
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
- A1 Comp Status
- A2 Comp Status
- B1 Comp Status
- B2 Comp Status
- Condenser Pump
- Sump Heater
- Sump Pump Drain

Check one of the boxes above.

**Configuration Screen #95**

VCCX2 Cfg ID: 0001
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
- A1 Comp Status
- A2 Comp Status
- B1 Comp Status
- B2 Comp Status
- Condenser Pump
- Sump Heater
- Sump Pump Drain

Check one of the boxes above.

**Configuration Screen #97**

VCCX2 Cfg ID: 0001
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

Check one of the boxes above.

**Configuration Screen #99**

VCCX2 Cfg ID: 0001
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

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VCCX2 Configuration Worksheet

- Exhaust Fan
- Economizer
- Heat Wheel
- Occupied Mode
- Override Mode
- Alarm Active
- A1 Comp Status
- A2 Comp Status
- B1 Comp Status
- B2 Comp Status
- Condenser Pump
- Sump Heater
- Sump Pump Drain

Check one of the boxes above.

Configuration Screen #100

VCCX2 Cnfg ID: 0001
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
- A1 Comp Status
- A2 Comp Status
- B1 Comp Status
- B2 Comp Status
- Condenser Pump
- Sump Heater
- Sump Pump Drain

Check one of the boxes above.

Configuration Screen #102

VCCX2 Cnfg ID: 0001
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
- A1 Comp Status
- A2 Comp Status
- B1 Comp Status
- B2 Comp Status
- Condenser Pump
- Sump Heater
- Sump Pump Drain

Check one of the boxes above.

Configuration Screen #104

VCCX2 Cnfg ID: 0001
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
- A1 Comp Status
- A2 Comp Status
- B1 Comp Status
- B2 Comp Status

Check one of the boxes above.
VCCX2 Configuration Worksheet

- Condenser Pump
- Sump Heater
- Sump Pump Drain

Check one of the boxes above.

**Configuration Screen #105**

<table>
<thead>
<tr>
<th>VCCX2 Config ID: 0001</th>
</tr>
</thead>
<tbody>
<tr>
<td>12 Rly Bd 5</td>
</tr>
<tr>
<td>Not Used</td>
</tr>
<tr>
<td>Use &lt; or &gt; To Change</td>
</tr>
</tbody>
</table>

- 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
- A1 Comp Status
- A2 Comp Status
- B1 Comp Status
- B2 Comp Status
- Condenser Pump
- Sump Heater
- Sump Pump Drain

Check one of the boxes above.

**Configuration Screen #107**

<table>
<thead>
<tr>
<th>VCCX2 Config ID: 0001</th>
</tr>
</thead>
<tbody>
<tr>
<td>12 Rly Bd 7</td>
</tr>
<tr>
<td>Not Used</td>
</tr>
<tr>
<td>Use &lt; or &gt; To Change</td>
</tr>
</tbody>
</table>

- 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
- A1 Comp Status
- A2 Comp Status
- B1 Comp Status
- B2 Comp Status
- Condenser Pump
- Sump Heater
- Sump Pump Drain

Check one of the boxes above.

**Configuration Screen #108**

<table>
<thead>
<tr>
<th>VCCX2 Config ID: 0001</th>
</tr>
</thead>
<tbody>
<tr>
<td>12 Rly Bd 9</td>
</tr>
<tr>
<td>Not Used</td>
</tr>
<tr>
<td>Use &lt; or &gt; To Change</td>
</tr>
</tbody>
</table>

- 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
- A1 Comp Status
- A2 Comp Status
- B1 Comp Status
- B2 Comp Status
- Condenser Pump
- Sump Heater
- Sump Pump Drain

Check one of the boxes above.

**Configuration Screen #109**

<table>
<thead>
<tr>
<th>VCCX2 Config ID: 0001</th>
</tr>
</thead>
<tbody>
<tr>
<td>12 Rly Bd 6</td>
</tr>
<tr>
<td>Not Used</td>
</tr>
<tr>
<td>Use &lt; or &gt; To Change</td>
</tr>
</tbody>
</table>

- 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
- A1 Comp Status
- A2 Comp Status
- B1 Comp Status
- B2 Comp Status
- Condenser Pump
- Sump Heater
- Sump Pump Drain

Check one of the boxes above.

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VCCX2 Configuration Worksheet

Configuration Screen #110

VCCX2 Cnfg ID: 0001
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
☐ A1 Comp Status
☐ A2 Comp Status
☐ B1 Comp Status
☐ B2 Comp Status
☐ Condenser Pump
☐ Sump Heater
☐ Sump Pump Drain

Check one of the boxes above.

Configuration Screen #111

VCCX2 Cnfg ID: 0001
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
☐ A1 Comp Status
☐ A2 Comp Status
☐ B1 Comp Status
☐ B2 Comp Status
☐ Condenser Pump
☐ Sump Heater
☐ Sump Pump Drain

Check one of the boxes above.

Configuration Screen #112

VCCX2 Cnfg ID: 0001
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
☐ A1 Comp Status
☐ A2 Comp Status
☐ B1 Comp Status
☐ B2 Comp Status
☐ Condenser Pump
☐ Sump Heater
☐ Sump Pump Drain

Check one of the boxes above.
Setpoint Screen #1

VCCX2 Spts ID: 0001
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: 0001
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: 0001
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: 0001
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: 0001
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: 0001
Calibrate Slide Adj
Put At Up Pos: XXX
Enter # Shown: XXX

VCCX2 Spts ID: 0001
Calibrate Slide Adj
At Middle Pos: XXX
Enter # Shown: XXX

VCCX2 Spts ID: 0001
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: 0001
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 Screen #10 & 11

VCCX2 Spts ID: 0001
Controlling Sensor
High Alarm Offset
Setpoint:  30.0°F

VCCX2 Spts ID: 0001
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: 0001
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: 0001
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.
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.

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 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.

In the first box above enter a value from 10 to 60. The default value is “15”.

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 #21**

VCCX2 Spts ID: 0001
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: 0001
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: 0001
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: 0001
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: 0001
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”.

---

**VCCX2 Setpoints Worksheet**

**VCCX2 Spts ID: 0001**

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

**VCCX2 Spts ID: 0001**

Supply Air Heating Setpoint: 120.0°F
Hi Rst Limit: 120.0°F

**VCCX2 Spts ID: 0001**

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

**VCCX2 Spts ID: 0001**

Stage Off Window
Cooling: 5.0°F
Heating: 5.0°F

**VCCX2 Spts ID: 0001**

Mod Heat Prop Window: 10.0°F
Time Period: 30sec
Setpoint Screen #26

VCCX2 Spts ID: 0001  
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 #27

VCCX2 Spts ID: 0001  
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 #28

VCCX2 Spts ID: 0001  
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: 0001  
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: 0001  
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: 0001  
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: 0001  
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: 0001  
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: 0001  
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 Setpoints Worksheet**

**Setpoint Screen #35**

VCCX2 Spts ID: 0001
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: 0001
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: 0001
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: 0001
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: 0001
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: 0001
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: 0001
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: 0001
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: 0001
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: 0001
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”.

**Setpoint Screen #45**

VCCX2 Spts ID: 0001
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 1-20-20**
**Setpoint Screen #46**

<table>
<thead>
<tr>
<th>VCCX2 Spts ID: 0001</th>
</tr>
</thead>
<tbody>
<tr>
<td>OAT Lockouts</td>
</tr>
<tr>
<td>Heat: 90.0°F</td>
</tr>
</tbody>
</table>

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

**Setpoint Screen #47**

<table>
<thead>
<tr>
<th>VCCX2 Spts ID: 0001</th>
</tr>
</thead>
<tbody>
<tr>
<td>Supply Air Cutoffs</td>
</tr>
<tr>
<td>Cooling: 40.0°F</td>
</tr>
<tr>
<td>Heating: 150.0°F</td>
</tr>
</tbody>
</table>

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**

<table>
<thead>
<tr>
<th>VCCX2 Spts ID: 0001</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hot Water Valve</td>
</tr>
<tr>
<td>Protection Pos: 0%</td>
</tr>
</tbody>
</table>

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

**Setpoint Screen #49**

<table>
<thead>
<tr>
<th>VCCX2 Spts ID: 0001</th>
</tr>
</thead>
<tbody>
<tr>
<td>Preheat Relay</td>
</tr>
<tr>
<td>Setpt: 30.0°F</td>
</tr>
</tbody>
</table>

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

**Setpoint Screen #50**

<table>
<thead>
<tr>
<th>VCCX2 Spts ID: 0001</th>
</tr>
</thead>
<tbody>
<tr>
<td>Low Ambient</td>
</tr>
<tr>
<td>Setpt: 30.0°F</td>
</tr>
</tbody>
</table>

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

**Setpoint Screen #51**

<table>
<thead>
<tr>
<th>VCCX2 Spts ID: 0001</th>
</tr>
</thead>
<tbody>
<tr>
<td>Heat Pump Defrost</td>
</tr>
<tr>
<td>Interval: 30 Min</td>
</tr>
</tbody>
</table>

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

**Setpoint Screen #52**

<table>
<thead>
<tr>
<th>VCCX2 Spts ID: 0001</th>
</tr>
</thead>
<tbody>
<tr>
<td>Adaptive Defrost</td>
</tr>
<tr>
<td>Interval Adj: 0 Min</td>
</tr>
</tbody>
</table>

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

**Setpoint Screen #53**

<table>
<thead>
<tr>
<th>VCCX2 Spts ID: 0001</th>
</tr>
</thead>
<tbody>
<tr>
<td>Heat Wheel Defrost</td>
</tr>
<tr>
<td>Temp Setpt: 30.0°F</td>
</tr>
</tbody>
</table>

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

**Setpoint Screen #54**

<table>
<thead>
<tr>
<th>VCCX2 Spts ID: 0001</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ht. Wheel Enthalpy:</td>
</tr>
<tr>
<td>Hi OA Enable: 30.0</td>
</tr>
<tr>
<td>Lo OA Enable: 20.0</td>
</tr>
</tbody>
</table>

In the box above enter a value from 0.0 to 33.0. The default value is “30.0”. In the second box above enter a value from 0.0 to 33.0. The default value is “20.0”.

**Setpoint Screen #55**

<table>
<thead>
<tr>
<th>VCCX2 Spts ID: 0001</th>
</tr>
</thead>
<tbody>
<tr>
<td>Morning Warmup</td>
</tr>
<tr>
<td>SAT Setpt: 100.0°F</td>
</tr>
<tr>
<td>Target Temp: 70.0°F</td>
</tr>
</tbody>
</table>

In the first 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 #56**

<table>
<thead>
<tr>
<th>VCCX2 Spts ID: 0001</th>
</tr>
</thead>
<tbody>
<tr>
<td>Morning Cooldown</td>
</tr>
<tr>
<td>SAT Setpt: 55.0°F</td>
</tr>
<tr>
<td>Target Temp: 68.0°F</td>
</tr>
</tbody>
</table>

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

**Setpoint Screen #57**

<table>
<thead>
<tr>
<th>VCCX2 Spts ID: 0001</th>
</tr>
</thead>
<tbody>
<tr>
<td>Warmup and Cooldown</td>
</tr>
<tr>
<td>Max Length: 60 Min</td>
</tr>
</tbody>
</table>

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

**Setpoint Screen #58**

<table>
<thead>
<tr>
<th>VCCX2 Spts ID: 0001</th>
</tr>
</thead>
<tbody>
<tr>
<td>SZ VAV Integral</td>
</tr>
<tr>
<td>Constant: 0</td>
</tr>
</tbody>
</table>

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

---

**VCCX2 Setpoints Worksheet**

**Setpoint Screen #46**

- **VCCX2 Spts ID: 0001**
- **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: 0001**
  - **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: 0001**
  - **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: 0001**
  - **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: 0001**
  - **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: 0001**
  - **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: 0001**
  - **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: 0001**
  - **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: 0001**
  - **Ht. Wheel Enthalpy**
    - **Hi OA Enable: 30.0**
    - **Lo OA Enable: 20.0**

In the box above enter a value from 0.0 to 33.0. The default value is “30.0”. In the second box above enter a value from 0.0 to 33.0. The default value is “20.0”.

**Setpoint Screen #55**

- **VCCX2 Spts ID: 0001**
  - **Morning Warmup**
    - **SAT Setpt: 100.0°F**
    - **Target Temp: 70.0°F**

In the first 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 #56**

- **VCCX2 Spts ID: 0001**
  - **Morning Cooldown**
    - **SAT Setpt: 55.0°F**
    - **Target Temp: 68.0°F**

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

**Setpoint Screen #57**

- **VCCX2 Spts ID: 0001**
  - **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 #58**

- **VCCX2 Spts ID: 0001**
  - **SZ VAV Integral**
    - **Constant: 0**

In the box above enter a value from 0 to 10. The default value is “0”.
### VCCX2 Setpoints Worksheet

#### Setpoint Screen #59

**VCCX2 Spts ID: 0001**
- **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 #60

**VCCX2 Spts ID: 0001**
- **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 #61

**VCCX2 Spts ID: 0001**
- **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 “60”.

#### Setpoint Screen #62

**VCCX2 Spts ID: 0001**
- **Superheat Setpoint**: 15

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

### Setpoint Screens #63-68

Setpoint Screens #63 through #68 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.

#### Setpoint Screen #63

**VCCX2 Spts ID: 0001**
- **Space Sensor Cal**
  - Current: 0.0°F
  - Offset: 0.0°F

#### Setpoint Screen #64

**VCCX2 Spts ID: 0001**
- **Return Sensor Cal**
  - Current: 0.0°F
  - Offset: 0.0°F

#### Setpoint Screen #65

**VCCX2 Spts ID: 0001**
- **SAT Sensor Cal**
  - Current: 0.0°F
  - Offset: 0.0°F

#### Setpoint Screen #66

**VCCX2 Spts ID: 0001**
- **OAT Sensor Cal**
  - Current: 0.0°F
  - Offset: 0.0°F

#### Setpoint Screen #67

**VCCX2 Spts ID: 0001**
- **CO2 Sensor Cal**
  - Current: 0ppm
  - Offset: 0ppm

#### Setpoint Screen #68

**VCCX2 Spts ID: 0001**
- **Entering H2O Cal**
  - Current: 0.0°F
  - Offset: 0.0°F
RSMV Setpoints Worksheet

RSMV & RSMV-HP CONFIGURATION SCREENS

RSMV #1 Condenser Option

<table>
<thead>
<tr>
<th>RSMV #1 Configuration</th>
<th>Condenser Options</th>
<th>Push &gt; for options</th>
<th>Use &lt; or &gt; to CHANGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>□ 2 Cond per RSMV</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>□ 1 Cond per RSMV</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>□ 1 Cond for 2 RSMVs</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>□ 1 Cond for 3 RSMVs</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>□ Reserved</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>□ 1 Cond for 4 RSMVs</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Check one of the boxes above.

RSMV #2, #3, #4 Condenser Options

<table>
<thead>
<tr>
<th>RSMV #2, #3, #4 Condenser</th>
<th>Options</th>
<th>Push &gt; for options</th>
<th>Use &lt; or &gt; to CHANGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>□ 2 Cond per RSMV</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>□ 1 Cond per RSMV</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>□ 1 Cond for 2 RSMVs</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>□ 1 Cond for 3 RSMVs</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>□ Reserved</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>□ 1 Cond for 4 RSMVs</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Choose the same Condenser option you chose for RSMV #1 for RSMV #2, #3, #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 SS1072 v3.xx and Higher Configuration

<table>
<thead>
<tr>
<th>RSMV #1 Configuration</th>
<th>v.3XX Only</th>
<th>RSMV A Comp Config</th>
<th>Not Configured</th>
<th>Use &lt; or &gt; to CHANGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>□ Not Configured</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>□ 1 Danfoss CDS803 VFD</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>□ 1 Danfoss CDS303 VFD</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>□ 1 Copeland Mod VFD</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>□ 1 Copeland Pack VFD</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>□ 1=CD803VFD  2=On/Off</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>□ 1=CD803VFD  2=2-Step</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>□ 1=CD303VFD  2=On/Off</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>□ 1=CD303VFD  2=2-Step</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>□ 1=Cplnd VFD  2=On/Off</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>□ 1=Cplnd VFD  2=2-Step</td>
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<td></td>
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<td></td>
</tr>
<tr>
<td>□ 1=Bitzer VFD</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>□ 1=Bitzer On/Off</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>□ 1=Bitzr VFD 2=On/Off</td>
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<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>□ 1 &amp; 2=Bitzer On/Off</td>
<td></td>
<td></td>
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</tbody>
</table>

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

RSMV #1 Evap Coil Config

<table>
<thead>
<tr>
<th>RSMV #1 Configuration</th>
<th>Evap Coil EXV</th>
<th>Uses EXV-1 Only</th>
<th>Use &lt; or &gt; to CHANGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>□ Uses EXV-1 Only</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>□ Uses EXV-1 &amp; EXV-2</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

RSMV #1 Heat Pump Expansion Valve Config

<table>
<thead>
<tr>
<th>RSMV #1 Configuration</th>
<th>Heat Pump Cond EXV</th>
<th>Uses EXV-3 Only</th>
<th>Use &lt; or &gt; to CHANGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>□ Uses EXV-3 Only</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>□ Uses EXV-3 &amp; EXV-4</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

RSMV #1 Single Compressor Startup

<table>
<thead>
<tr>
<th>RSMV #1 Configuration</th>
<th>Single Comp Startup</th>
<th>No Emergency Shutdown</th>
<th>Use &lt; or &gt; to CHANGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>□ No</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>□ Yes</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

RSMV #1 BIN4 Config 1

<table>
<thead>
<tr>
<th>RSMV #1 Configuration</th>
<th>BIN4 Config1</th>
<th>No Emergency Shutdown</th>
<th>Use &lt; or &gt; to CHANGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>□ No Emergency Shutdown</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>□ Emergency Shutdown</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

RSMV #1 BIN4 Config 2

<table>
<thead>
<tr>
<th>RSMV #1 Configuration</th>
<th>BIN4 Config2</th>
<th>No Active Alarm Stat</th>
<th>Active Alarm Stat</th>
<th>Use &lt; or &gt; to CHANGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>□ No Active Alarm Stat</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>□ Active Alarm Stat</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Check one of the boxes above. Default is “No Active Alarm Stat.”

RSMV #1 SS1072 v2.xx and lower

<table>
<thead>
<tr>
<th>RSMV #1 Configuration</th>
<th>v2.xx Only</th>
<th>Compressor Option</th>
<th>DUAL</th>
<th>Use &lt; or &gt; to CHANGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>□ DUAL</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>□ SINGLE</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Check one of the boxes above. Default is “Dual.”
## RSMV Setpoints Worksheet

### RSMV #1 SS1072 v2.xx and lower

<table>
<thead>
<tr>
<th>RSMV #1 Configuration</th>
<th>Compressor Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>1st VFD / 2nd FIXED</td>
<td>Use &lt; or &gt; to CHANGE</td>
</tr>
</tbody>
</table>

- 1st VFD / 2nd FIXED
- BOTH ARE FIXED

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

### RSMV #2 SS1072 v3.xx and Higher

<table>
<thead>
<tr>
<th>RSM#2 v.3XX Only</th>
<th>RSMV B Comp Config</th>
</tr>
</thead>
<tbody>
<tr>
<td>Not Configured</td>
<td>Use &lt; or &gt; to CHANGE</td>
</tr>
</tbody>
</table>

- Not Configured
- Future Use 1-11
- 1 Bitzer VFD
- 1 Bitzer On/Off
- 1=Bitzr VFD 2=On/Off
- 1 & 2=Bitzer On/Off

### RSMV #2 Evap Coil Config

<table>
<thead>
<tr>
<th>RSM 2 Configuration</th>
<th>Evap Coil Exv</th>
</tr>
</thead>
<tbody>
<tr>
<td>Uses EXV-1 Only</td>
<td>Use &lt; or &gt; to CHANGE</td>
</tr>
</tbody>
</table>

- Uses EXV-1 Only
- Uses EXV-1 & EXV-2

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

### RSMV #2 Heat Pump Expansion Valve Config

<table>
<thead>
<tr>
<th>RSM 2 Configuration</th>
<th>Heat Pump Cond Exv</th>
</tr>
</thead>
<tbody>
<tr>
<td>Uses EXV-3 Only</td>
<td>Use &lt; or &gt; to CHANGE</td>
</tr>
</tbody>
</table>

- Uses EXV-3 Only
- Uses EXV-3 & EXV-4

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

### RSMV #2 Single Compressor Startup

<table>
<thead>
<tr>
<th>RSM 2 Configuration</th>
<th>Single Comp Startup</th>
</tr>
</thead>
<tbody>
<tr>
<td>No Use &lt; or &gt; to CHANGE</td>
<td></td>
</tr>
</tbody>
</table>

- No
- Yes

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

### RSMV #2 BIN4 Config 1

<table>
<thead>
<tr>
<th>RSM 2 Configuration</th>
<th>RSMV B BIN4 Config1</th>
</tr>
</thead>
<tbody>
<tr>
<td>No Emergency Shutdown Use &lt; or &gt; to CHANGE</td>
<td></td>
</tr>
</tbody>
</table>

- No Emergency Shutdown
- Emergency Shutdown

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

### RSMV #2 BIN4 Config 2

<table>
<thead>
<tr>
<th>RSM 2 Configuration</th>
<th>RSMV B BIN4 Config2</th>
</tr>
</thead>
<tbody>
<tr>
<td>No Active Alarm Stat Use &lt; or &gt; to CHANGE</td>
<td></td>
</tr>
</tbody>
</table>

- No Active Alarm Stat
- Active Alarm Stat

Check one of the boxes above. Default is “No Active Alarm Stat.”

### RSMV #2 SS1072 v2.xx and lower

<table>
<thead>
<tr>
<th>RSMV #2 v.2.xx Only</th>
<th>Compressor Option</th>
</tr>
</thead>
<tbody>
<tr>
<td>DUAL Use &lt; or &gt; to CHANGE</td>
<td></td>
</tr>
</tbody>
</table>

- DUAL
- SINGLE

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

### RSMV #2 SS1072 v2.xx and lower

<table>
<thead>
<tr>
<th>RSMV #2 Configuration</th>
<th>Compressor Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>1st VFD / 2nd FIXED</td>
<td>Use &lt; or &gt; to CHANGE</td>
</tr>
</tbody>
</table>

- 1st VFD / 2nd FIXED
- BOTH ARE FIXED

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

### RSMV #2 BIN4 Config 2

<table>
<thead>
<tr>
<th>RSM 2 Configuration</th>
<th>RSMV B BIN4 Config2</th>
</tr>
</thead>
<tbody>
<tr>
<td>No Active Alarm Stat Use &lt; or &gt; to CHANGE</td>
<td></td>
</tr>
</tbody>
</table>

- No Active Alarm Stat
- Active Alarm Stat

Check one of the boxes above. Default is “No Active Alarm Stat.”

### RSMV #3 SS1072 v3.xx and Higher

<table>
<thead>
<tr>
<th>RSM#3 v.3XX Only</th>
<th>RSMV C Comp Config</th>
</tr>
</thead>
<tbody>
<tr>
<td>Not Configured</td>
<td>Use &lt; or &gt; to CHANGE</td>
</tr>
</tbody>
</table>

- Not Configured
- Future Use 1-11
- 1 Bitzer VFD
- 1 Bitzer On/Off
- 1=Bitzr VFD 2=On/Off
- 1 & 2=Bitzer On/Off

### RSMV #3 Evap Coil Config

<table>
<thead>
<tr>
<th>RSM 3 Configuration</th>
<th>Evap Coil Exv</th>
</tr>
</thead>
<tbody>
<tr>
<td>Uses EXV-1 Only Use &lt; or &gt; to CHANGE</td>
<td></td>
</tr>
</tbody>
</table>

- Uses EXV-1 & EXV-2

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

### RSMV #3 Heat Pump Cond Exv

<table>
<thead>
<tr>
<th>RSM 3 Configuration</th>
<th>Heat Pump Cond Exv</th>
</tr>
</thead>
<tbody>
<tr>
<td>Uses EXV-3 Only Use &lt; or &gt; to CHANGE</td>
<td></td>
</tr>
</tbody>
</table>

- Uses EXV-3 & EXV-4
- Uses EXV-3 Only

Check one of the boxes above. Default is “Uses EXV-3 Only.”
**RSMV #3 Single Compressor Startup**

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

  - Yes

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

**RSMV #3 BIN4 Config 1**

- RSM 3 Configuration
  - RSMV C BIN4 Config
    - No Emergency Shutdown
    - Use < or > to CHANGE

  - Yes

  - Check one of the boxes above. Default is “No Emergency Shutdown.”

**RSMV #3 BIN4 Config 2**

- RSM 3 Configuration
  - RSMV C BIN4 Config
    - No Active Alarm Stat
    - Use < or > to CHANGE

  - Active Alarm Stat

  - Check one of the boxes above. Default is “No Active Alarm Stat.”

**RSMV #3 SS1072 v2.xx and lower**

- RSMV #3 v2.xx Only
  - Compressor Option
    - DUAL
    - Use < or > to CHANGE

  - SINGLE

  - Check one of the boxes above. Default is “DUAL.”

**RSMV #3 SS1072 v2.xx and lower**

- 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 #4 Single Compressor Startup**

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

  - Yes

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

**RSMV #4 BIN4 Config 1**

- RSM 4 Configuration
  - RSMV D BIN4 Config
    - No Emergency Shutdown
    - Use < or > to CHANGE

  - Emergency Shutdown

  - Check one of the boxes above. Default is “No Emergency Shutdown.”

**RSMV #4 BIN4 Config 2**

- RSM 4 Configuration
  - RSMV D Comp Config
    - Not Configured
    - Use < or > to CHANGE

  - Used EXV-1 & EXV-2

  - Uses EXV-1 Only

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

**RSMV #4 Evap Coil Config**

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

  - Not Configured

  - Future Use 1-11

  - 1 Bitzer VFD

  - 1 Bitzer On/Off

  - 1 atau 2=Bitzer On/Off

**RSMV #4 Heat Pump Expansion Valve Config**

- 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 SS1072 v2.xx and lower**

- RSMV #4 v2.xx Only
  - Compressor Option
    - DUAL
    - Use < or > to CHANGE

  - SINGLE

  - Check one of the boxes above. Default is “Dual.”

**RSMV #4 SS1072 v2.xx and lower**

- 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.”
RSMD MAIN
CONFIGURATION
SCREENS

RSMD Main Configuration
Screen #1

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
#1 Condenser Options

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
#2 Condenser Options

RSM #2 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 Main Configuration
#3 Condenser Options

RSM #3 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 Main Configuration
#4 Condenser Options

RSM #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 Main Configuration
#1 Condenser Control

RSM #1 CONFIGURATION
Condenser Control
Modulating
Use < or > to CHANGE

- Modulating
- On/Off Fan Cycle
- On/Off

Choose one of the boxes above. Default is “Modulating”.

RSMD Main Configuration
#2 Condenser Control

RSM #2 Cond Control
Config Same as RSM 1
Modulating
Use < or > to CHANGE

- Modulating
- On/Off Fan Cycle
- On/Off

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 “Modulating”.

RSMD Main Configuration
#3 Condenser Control

RSM #3 Cond Control
Config Same as RSM 1
Modulating
Use < or > to CHANGE

- Modulating
- On/Off Fan Cycle
- On/Off

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 “Modulating”.

RSMD Main Configuration
#4 Condenser Control

RSM #4 Cond Control
Config Same as RSM 1
Modulating
Use < or > to CHANGE

- Modulating
- On/Off Fan Cycle
- On/Off

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 “Modulating”.

RSMD Setpoints 4-2-20
RSMD Setpoints Worksheet

RSMD #1-#4
CONFIGURATION SUBSCREENS

RSMD #1 SS1067 v.3.00 and Higher

- Not Configured
- Single On/Off
- Single Digital
- Single 2 Stage
  - A1=On/Off  A2=On/Off
  - A1=Dig  A2=On/Off
  - A1=Dig  A2=Dig
  - A1=2-Stage  A2=On/Off
  - A1 & A2=2-Stage

RSMD #1 All Versions –

- RSMD #1 v3.xx Only
  - RSMD A Comp Config
    - Not Configured
      - Use < or > to CHANGE

- RSMD #1 All Versions –
  - Refrigeration Circuit
    - SPLIT
    - TANDEM
      - Use < or > to CHANGE

- Single Compressor Startup
  - YES
  - NO
    - Use < or > to CHANGE

RSMD #1 All Versions –

- WSE Operation
  - Yes
  - No
    - Use < or > to CHANGE

RSMD CONFIGURATION –
All Modules - All Versions –
WSE Enabled By

- Outdoor Air Temp
- Return Air Temp
  - Use < or > to CHANGE

RSMD #1 SS1067 v.1.19 and Lower – Compressor #2 Type

- MODULATING
- FIXED
  - Use < or > to CHANGE

RSMD #1 SS1067 v.1.19 and Lower – Compressor #1 Type

- MODULATING
- FIXED
  - Use < or > to CHANGE

RSMD #1 SS1067 v.1.19 and Lower – 2-Stage Compressor

- Use < or > to CHANGE
### RSMD Setpoints Worksheet

**RSMD #1-#4**

**CONFIGURATION**

**SUBSCREENS**

**RSMD #2 SS1067 v.3.00**

and Higher

<table>
<thead>
<tr>
<th>RSMD #2 v3.xx Only</th>
<th>RSMD B Comp Config</th>
</tr>
</thead>
<tbody>
<tr>
<td>Not Configured</td>
<td>Use &lt; or &gt; to CHANGE</td>
</tr>
</tbody>
</table>

- Not Configured
- Single On/Off
- Single Digital
- Single 2 Stage
  - B1=On/Off B2=On/Off
  - B1=Dig B2=On/Off
  - B1=Dig B2=Dig
  - B1=Dig B2=2-Stage
  - B1=2-Stage B2=On/Off
  - B1 & B2=2-Stage

**RSMD #2 All Versions –**

- Refrigeration Circuit
  - SPLIT
  - TANDEM

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

- Single Comp Startup
  - YES
  - NO

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

**RSMD #2 SS1067 v.1.19**

and Lower – 2-Stage

Compressor

- Use < or > to CHANGE

**RSMD #2 SS1067 v.1.19**

and Lower – Compressor Option

- Compressor Option
  - DUAL
  - SINGLE

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

- Compressor #1 Type
  - MODULATING
  - FIXED

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

- Compressor #2 Type
  - MODULATING
  - FIXED

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

**RSMD #2 SS1067 v.1.19**

and Lower – Compressor Option

- Compressor Option
  - DUAL
  - SINGLE

Check one of the boxes above. Default is “DUAL”.
RSMD #1-#4
CONFIGURATION
SUBSCREENS

RSMD #3 SS1067 v.3.00
and Higher

☐ Not Configured
☐ Single On/Off
☐ Single Digital
☐ Single 2 Stage
☐ C1=On/Off C2=On/Off
☐ C1=Dig C2=On/Off
☐ C1=Dig C2=Dig
☐ C1=2-Stage C2=On/Off
☐ C1 & C2=2-Stage

RSMD #3 All Versions –

☐ RSMD #3 v3.xx Only
☐ RSMD C Comp Config
☐ Not Configured
☐ Use < or > to CHANGE

Refrigeration Circuit
☐ SPLIT
☐ TANDEM
Check one of the boxes above. Default is “SPLIT”.

RSMD #3 All Versions –

☐ RSMD #3 CONFIGURATION
☐ Refrigeration Circuit
☐ Split
☐ Use < or > to CHANGE

Single Compressor Startup
☐ YES
☐ NO
Check one of the boxes above. Default is “NO”.

RSMD #3 All Versions –

☐ RSMD #3 CONFIGURATION
☐ WSE Operation
☐ NO
☐ Use < or > to CHANGE

RSMD #3 All Versions –

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

RSMD #3 SS1067 v.1.19
and Lower – Compressor Option

☐ RSMD #3 v1.19 Only
☐ Compressor Option
☐ DUAL
☐ Use < or > to CHANGE

RSMD #3 SS1067 v.1.19
and Lower – Compressor Option

☐ DUAL
☐ SINGLE
Check one of the boxes above. Default is “DUAL”.

RSMD #3 SS1067 v.1.19
and Lower – Compressor
#1 Type

☐ RSMD #3 v1.19 Only
☐ Compressor #1 Type
☐ MODULATING
☐ Use < or > to CHANGE

RSMD #3 SS1067 v.1.19
and Lower – Compressor
#1 Type

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

RSMD #3 SS1067 v.1.19
and Lower – 2-Stage
Compressor

☐ RSMD #3 v1.19 Only
☐ 2-Stage Compressor
☐ NO
☐ Use < or > to CHANGE

RSMD #3 SS1067 v.1.19
and Lower – 2-Stage
Compressor

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

RSMD #3 SS1067 v.1.19
and Lower – Compressor
#2 Type

☐ RSMD #3 v1.19 Only
☐ Compressor #2 Type
☐ MODULATING
☐ Use < or > to CHANGE

RSMD #3 SS1067 v.1.19
and Lower – Compressor
#2 Type

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

RSMD Setpoints 4-2-20
**RSMD #1-#4**

**CONFIGURATION SUBSCREENS**

**RSMD #4 SS1067 v.3.00 and Higher**

<table>
<thead>
<tr>
<th>Option</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Not Configured</td>
<td></td>
</tr>
<tr>
<td>Single On/Off</td>
<td></td>
</tr>
<tr>
<td>Single Digital</td>
<td></td>
</tr>
<tr>
<td>Single 2 Stage</td>
<td></td>
</tr>
<tr>
<td>D1=On/Off D2=On/Off</td>
<td></td>
</tr>
<tr>
<td>D1=Dig D2=On/Off</td>
<td></td>
</tr>
<tr>
<td>D1=Dig D2=Dig</td>
<td></td>
</tr>
<tr>
<td>D1=Dig D2=2-Stage</td>
<td></td>
</tr>
<tr>
<td>D1=2-Stage D2=On/Off</td>
<td></td>
</tr>
<tr>
<td>D1 &amp; D2=2-Stage</td>
<td></td>
</tr>
</tbody>
</table>

**RSMD #4 All Versions –**

<table>
<thead>
<tr>
<th>Option</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Refrigeration Circuit Split</td>
<td>Use &lt; or &gt; to CHANGE</td>
</tr>
</tbody>
</table>

**RSMD #4 All Versions –**

<table>
<thead>
<tr>
<th>Option</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Single Comp Startup YES</td>
<td>Use &lt; or &gt; to CHANGE</td>
</tr>
</tbody>
</table>

**RSMD #4 All Versions –**

<table>
<thead>
<tr>
<th>Option</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>WSE Operation NO</td>
<td>Use &lt; or &gt; to CHANGE</td>
</tr>
</tbody>
</table>

**RSMD #4 SS1067 v.1.19 and Lower – Compressor Option**

<table>
<thead>
<tr>
<th>Option</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Compressor Option DUAL</td>
<td>Use &lt; or &gt; to CHANGE</td>
</tr>
</tbody>
</table>

**RSMD #4 SS1067 v.1.19 and Lower – Compressor #1 Type**

<table>
<thead>
<tr>
<th>Option</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Compressor #1 Type MODULATING</td>
<td>Use &lt; or &gt; to CHANGE</td>
</tr>
</tbody>
</table>

**RSMD #4 SS1067 v.1.19 and Lower – Compressor #2 Type**

<table>
<thead>
<tr>
<th>Option</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Compressor #2 Type MODULATING</td>
<td>Use &lt; or &gt; to CHANGE</td>
</tr>
</tbody>
</table>

**RSMD #4 SS1067 v.1.19 and Lower – 2-Stage Compressor**

<table>
<thead>
<tr>
<th>Option</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-Stage Comp NO</td>
<td>Use &lt; or &gt; to CHANGE</td>
</tr>
</tbody>
</table>