DS Series Quick Start Guide

Start Up Sequence:

- Review the O&M manual before operating unit.
  - Ensure you have a firm understanding of the controls and indicators, as well as safety measures in place.
- Ensure there are no harmful or flammable vapors in the airstreams. The presence of these vapors could cause explosions and/or health hazards.
- Confirm that the unit start/stop switch is in the “Stop” position
- Energize the main power supply disconnect.
- Check the status lights on the front of the control panel. The white “Power On” light will illuminate, showing that power is received at the unit.
  - If the red “Fault” light is illuminated, stop here to determine what the fault is. Refer to the myDC Control application (See DS Wifi Setup section) or your other connected remote display (optional) to view.
- Switch the start/stop selector switch to the “start” position. The supply fan, react fan, rotor drive motor, and reactivation heaters will switch on. The green “Unit Run” light will illuminate.
  - Note: In the case of a power failure and re-energizing, if the selector switch is in the start position, then the react safety alarm will appear. This needs to be acknowledged, and the high temperature limit switch may need to be reset for the heaters to energize.
- The reactivation source will now be active, and the system will begin working to get to operating points. Allow 30 minutes for the reactivation outlet temperature to stabilize at its set point.

Shut Down Sequence:

- Turn the selector switch to “Stop”.
- The process fan and reactivation energy will stop immediately. The reactivation fan and desiccant wheel rotation will continue to operate until the machine has sufficiently cooled.
  - Note: If the power supply is used to turn the unit off, the high temperature limit switch will likely trip, requiring manual reset. Other damage may also occur to the unit. Only use the main power disconnect in emergencies.

Field-Installed Humidistat Control:

- Humidistat should be installed in the desired location and should be set to the desired humidity level.
- The unit will now cycle on/off to maintain the desired humidity level.

Field Installed Dew Point Transmitter Control:

- Remote Dew Point transmitter should be installed in the desired location. (Refer to the DS Dew Point install and wiring guide)
- Through the myDC app, the unit will need to be put in the “auto” mode (BV11), and the “Dew Point Enable” will need to be set to “yes” (BV25)
- The unit will now cycle on/off to maintain a space dew point.

Fault Reset Sequence:

- If the red light is illuminated and a fault is present, it will be required to check current alarms and determine and correct the cause of the fault.
- To check alarms on the myDC Control app or remote display, click the “Red Bell” on the main screen. This brings up the “P5_Faults” screen.

- Check the O&M manual to determine possible causes and follow troubleshooting procedures. You can also refer to the DS website www.drysolutionsinc.com. From there, you will click on "service and support". Then you will be able to access pictorials on how to determine and reset the various alarms.
- After the fault cause has been identified and corrected, click the "Star" for the Favorites screen.
- Select item "P1". Line BV9 indicates Inactive/Active status. Select "BV9" and select "Override", then "Active".
- Go back to "BV9" and select "Auto", which changes the status to inactive and clears the fault.

Smart Connection using Distech myDC Control Application (Some phones or smart devices may be incompatible):

- Download the myDC Control app from your phone's app/play store.
- Disconnect from your local Wi-fi network and search for a new network. You will find one with the name representing the serial number of the machine. Select that network and enter the password "Drysol248"
- Wait until you are connected to that network to proceed.
  - Note: If your phone kicks out of the network because the internet is not available, you may have to override your phone settings or put your phone into "Airplane mode" and reconnect to the DS wifi network.
- Open the myDC Control app.
- Touch the "Plus" (+) in the upper right, then select "Add Connection".
- Change the "Name" as desired.
- Change "Platform" to "REST".
- Change "Mode" to "Https".
- Enter "Server" as "192.168.0.1".
- Leave "Port" at "443".
- "Username" is "user".
- "Password" is "Drysol248"
- "Role Password" is "8181"
- Check the box for "Save Password".
- You will now see the controller on the myDC Control home page. You can select it to access the controller.

Supply Fan Run modes: BV26 Supply Fan Auto/Constant:

- Manual: In this mode, the fan will run constantly.
- Auto: In this mode, the fan will cycle to maintain a set point determined by an externally installed sensor dew point transmitter.

Additional DS information is available at our website www.drysolutionsinc.com or scan the QR code to the below.

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DS Support Page