

## FLUID POWER SYSTEM Power Below The Work Surface

### Installation Instructions

**System Overview:** The Fluid Power System for Bretford is a UL 962 Recognized collection of powered table system components. This system allows up to four 4-outlet power strips to be connected to one standard 15 amp outlet.

The Fluid Power System for power below the work surface consists of the following components:



**DPCF4** 4-outlet power strip with 3-port connector and thumb screws for mounting.



**DPP120** power in-feed with sensor and 10 ft power cord with standard NEMA 5-15P 15 amp plug on one end and 3-port connector plug on the other end.



**DPJ\_\_** table jumper cable with 3-port connector plugs on both ends.

### Installation of the Fluid Power System:

1. Arrange the tables in the configuration desired and install one DPCF4 power strip to the pre-drilled holes on the cord management bin or modesty panel on each table. Some library tables and carrels, or conference room tables use multiple power strips on the same table.
2. Based upon the table/carrel size, install the appropriate length jumper cables, DPJ\_\_, between power units and run the cables through the table/carrel cord management bins from one location to the next. No more than four power units may be connected together off a single outlet.
3. Attach the DPP120 power in-feed into each run of four or fewer power strips. The power in-feed cable may be attached at either end or at the middle depending upon where your outlets are. Never power a run by more than one power in-feed. Bretford tables and carrels include cord management for the power in-feed sensor box and some tables feature leg channels that allow the power cord to feed out at the floor.
4. Plug the power in-feed into a standard 15 amp outlet, the power in-feed sensor LED will glow green if the system is receiving power and operating properly.
5. To change table configuration, unplug the power in-feed from the outlet and unplug the jumper cables from each power strip. Once rearranged follow steps 2 through 4.



### Trouble Shooting:

1. If the sensor **LED is flashing red**, verify no more than one power in-feed is connected to the run.
2. If the sensor **LED is solid red**, verify no more than four DPCF4 power strips are connected to one DPP120 power in-feed cable, remove any extra power strips and the system will reset.
3. If the sensor **LED is green** but there is no power at the DPCF4 power strips, check the sensor box circuit breaker and reset if it has tripped. The breaker will trip when the power load exceeds 12 amps, if this occurs some devices may need to be unplugged from the system. Each computer/electronic device has a unique amperage requirement that may vary depending on function performed. Printers tend to require more amps than computers, should you have a circuit trip, remove any printers from the system first.