

FLUID UP POWER SYSTEM

POWER AND DATA ABOVE THE WORK SURFACE

DPA2-P

STANDARD POWER & DATA

Provides standard power and space for two data ports above the work surface in a pop up unit. Features two standard power outlets that daisy chain up to 8 tables (16 standard outlets) off a standard electrical circuit. Tables greater than 60"W are limited to 6 tables off a standard electrical circuit.



Shown with two RJ-45 data jacks installed, data not included.

FEATURES

- Ideal for use with laptops, tablets and other mobile devices in a training and collaborative environment, system daisy chains power on up to eight 60"W tables, 16 standard outlets, from a dedicated 15 or 20-amp electrical outlet. Jumper cables can not exceed 40 ft in length and tables wider than 60" are limited to six tables off one power in-feed per row.
- Features two locations to install data access, data ports and cables not included. Unit includes insert clips for Avaya, Ortronics and Keystone RJ-45 data jacks or blanks if no data is to be installed.
- Door pops up for easy access and outside electrical plug is turned 45° to accommodate plugs with built in transformers.
- Fluid provides the benefits of a hard wired electrical system at less than half the cost while maintaining the flexibility of individual power strips without the hassle of finding an outlet for each one.
- Mounts into pre-cut holes on select tables and secure in place from the underside without the use of tools.
- A 12-amp electrical sensor monitors power usage and shuts the system down when an overload is detected. Power in-feed LED indicator shows green when the power configuration is within safe parameters and changes to a solid red LED if the system has too many power strips or draws too much power. Flashing red LED indicates more than one power in-feed is connected.
- Power units connect together with jumper cables that span between the tables and can be quickly and easily released to allow the tables to be moved, maintaining flexibility for reconfiguration and allowing easier cleaning of the facility.
- Power units and jumper cables are keyed alike, allowing individual tables to be connected in any order.
- The Fluid Power System has been tested by Underwriter Laboratories and UL Recognized for safety as an electrical component for use on tables. Not approved by the Electrical Safety Authority for use in Ontario Canada.

TABLE COMPATIBILITY

- The Fluid Up power unit is included with Bretford tables that include a pre-cut hole in the work surface and is specified when the table is ordered. Fluid jumper cables and power in feed cables are not included and must be ordered separately.

FINISH OPTIONS

Fluid Up Power Units have a Anthracite plastic bezel and door.

COMPONENT DIMENSIONS

Power In Feed Cable with Sensor

DPP120 - 120"l x 1^{5/8}"d x 3" h

2-Outlet & 2-Data Pop Up Power Unit

DPA2-P - 8^{5/16}"l x 4^{15/16}"d x 2^{1/8}"h (above the work surface)

Jumper Cables

DPJ12 - 12"l

DPJ58 - 58"l

DPJ32 - 32"l

DPJ62 - 62"l

DPJ38 - 38"l

DPJ74 - 74"l

DPJ42 - 42"l

DPJ86 - 86"l

DPJ54 - 54"l



Power In-Feed



Pop Up Power Unit



Jumper Cable

CARTON DIMENSIONS & UPC CODES

Power In Feed Cable with Sensor

DPP120 - 10^{1/4}"l x 6^{1/2}"d x 4^{1/2}"h 0 96633 33344 8

2-Outlet & 2-Data Pop Up Power Unit

DPA2-P - 20"l x 4^{1/2}"d x 4" h 0 96633 34997 5

NOTE: the power unit is included as part of the table order

Jumper Cables

DPJ12 - 10^{1/4}"l x 6^{1/2}"d x 4^{1/2}"h 0 96633 33836 8

DPJ32 - 10^{1/4}"l x 6^{1/2}"d x 4^{1/2}"h 0 96633 33988 4

DPJ38 - 10^{1/4}"l x 6^{1/2}"d x 4^{1/2}"h 0 96633 33837 5

DPJ42 - 10^{1/4}"l x 6^{1/2}"d x 4^{1/2}"h 0 96633 33838 2

DPJ54 - 10^{1/4}"l x 6^{1/2}"d x 4^{1/2}"h 0 96633 33839 9

DPJ58 - 10^{1/4}"l x 6^{1/2}"d x 4^{1/2}"h 0 96633 33989 1

DPJ62 - 10^{1/4}"l x 6^{1/2}"d x 4^{1/2}"h 0 96633 33840 5

DPJ74 - 10^{1/4}"l x 6^{1/2}"d x 4^{1/2}"h 0 96633 33345 5

DPJ86 - 10^{1/4}"l x 6^{1/2}"d x 4^{1/2}"h 0 96633 33841 2

POWER UNIT SEQUENCING

The key system on Fluid is all keyed alike and tables (pop up power units) may be arranged and rearranged in any order. The Power In-Feed units will connect to any power unit in the configuration and is not restricted to tables on the ends.

FLUID DOWN COMPATIBLE

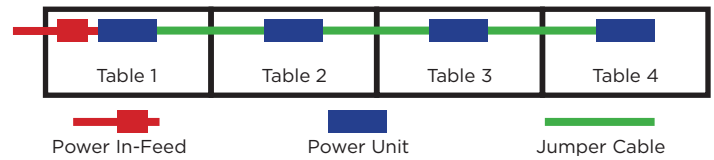
The Fluid Up power system is keyed the same as Fluid Down and may be used together on a table to provide power above and below the work surface. Use of Fluid Up (DPA2) and Fluid Down (DPCF4) together reduces the number of tables that can be used together, no more than two Up and two Down units should be used with a single Power In-Feed, or 12-outlets total.



Fluid Down 4-outlet electrical unit

HOW TO ORDER

1. Specify the DPA2 power unit with the table ordered.
2. Order one DPP120 Power In-Feed cable for each row or grouping, max 8 power units up to 40 ft in length. Tables greater 60"W are limited to 6 power units in a row. Power In-Feed can attach to any Power Unit in the row or grouping.
3. Order the appropriate Jumper Cable to connect the Pop Up Power Units between tables.



UL RECOGNIZED

The Fluid Power System has been tested by Underwriter Laboratories for safety and UL Recognized to standard UL962 for commercial furnishing components. Fluid is intended for mounting power units to specific Bretford tables and not intended for use in other applications. Fluid has not been approved by the ESA for use in Ontario Canada.

ELECTRICAL SPECIFICATIONS

The Fluid Power System has a 12-amp total system rating and powers off a single circuit 15 or 20-amp electrical outlet. Supports up to eight 2-outlet DPA2 power units, 16 power outlets total, from one building circuit. Maximum of 40 ft cable length, tables over 60"W are limited to six power units per Power In-Feed. *NOTE: only six power units may be used if DPA2 units are combined with DPAUSB units with USB power regardless of table width.* Additional Power In-Feeds and 15 or 20-amp circuits are required when more than eight DPA2 power units are used or 40 ft of jumper cables is exceeded. When an excess of eight power units or 12-amps are placed on the system, the power in-feed sensor shuts down and the LED indicator light will change from green to red. Once the excess power draw and/or power units are unplugged the LED light will change back to green, indicating the system has reset. Fluid uses common keying between components to allow power units to attach in any sequence. Fluid Up power units are included with the table and specified at the time of order.

WARRANTY

Bretford warranties the Fluid Power System for 1-year, at date of shipment, against defects from materials or workmanship.

MADE IN THE USA

Components of the Fluid Power System are manufactured for Bretford in the USA.



The outer electrical plug is turned 45° to accommodate plugs with large adapters, DPAUSB shown



Fluid Up is also available with USB power outlets instead of data

ORDERING FLUID UP POWER UNITS

Fluid Up power units are included with Bretford tables specifically designed to accommodate power above the work surface and are not available to order without the table. When specifying the Fluid Up power unit desired with each table, add the model number to the end of the finish code. See *example below*. Fluid Power System jumper cables and power in feed cables are not included with the table and must be ordered separately.

EDUFDP3060⁽¹⁾ - MT⁽²⁾ - HM⁽³⁾ - O1⁽⁴⁾ - MT⁽⁵⁾ - DPA2-P⁽⁶⁾

- ⁽¹⁾ Table Model Number
- ⁽²⁾ Paint Color Code
- ⁽³⁾ Laminate Color Code
- ⁽⁴⁾ Trim Style Code
- ⁽⁵⁾ Trim Color Code
- ⁽⁶⁾ Fluid Up Power Unit Code

ORDERING JUMPER LENGTHS ON COMPUTER AND TRAINING TABLES

Use the Jumper Size Chart below to determine the correct jumper part number.

If your application does not fit into the chart, jumper length is determined from the center of one power unit to the center of the next power unit. Bretford tables mount Fluid Up power in the same location on each table so when using tables of the same size, the distance is the overall width of the table. When using tables of different widths, divide each table width in half and add them together for the correct length of the jumper.

TRAINING AND COMPUTER TABLE JUMPER SIZE CHART

Table	30"W	36"W	42"W	48"W	60"W	66"W	72"W	84"W
30"W	DPJ32	DPJ38	DPJ38	DPJ42	DPJ54	DPJ54	DPJ54	DPJ62
36"W	DPJ38	DPJ38	DPJ42	DPJ42	DPJ54	DPJ54	DPJ54	DPJ62
42"W	DPJ38	DPJ42	DPJ42	DPJ54	DPJ54	DPJ54	DPJ58	DPJ74
48"W	DPJ42	DPJ42	DPJ54	DPJ54	DPJ54	DPJ58	DPJ62	DPJ74
60"W	DPJ54	DPJ54	DPJ54	DPJ54	DPJ62	DPJ74	DPJ74	DPJ74
66"W	DPJ54	DPJ54	DPJ54	DPJ58	DPJ74	DPJ74	DPJ74	DPJ86
72"W	DPJ54	DPJ54	DPJ58	DPJ62	DPJ74	DPJ74	DPJ74	DPJ86
84"W	DPJ62	DPJ62	DPJ74	DPJ74	DPJ74	DPJ86	DPJ86	DPJ86



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