

Compact wall-mounted 200kW FDU-VFX AC Drive

More power in a compact unit to save you space and money



Powerful wall-mounted 200 kW

The Emotron 200kW AC Drive can handle power up to 200 KW at 400 V and is so compact that it can be wall-mounted.

Everything inside

Unlike many drives of its kind, key features such as a DC choke and brake chopper is already built in to save you space and money.

Say goodbye to cabinets

This robust and cost effective solution is available in both IP20 and IP54, generally eliminating the need for cabinet builds. The IP 20 measures only 1090x335x317 mm, making it ideal for small spaces or built into machines and systems.



Benefits of the FDU/VFX family

- ✓ IP54 and IP20/21
- ✓ DC choke as standard built in
- ✓ EMC filter Cat. C3 as standard
- ✓ Optional built-in brake chopper
- ✓ Versatile communication options
- ✓ Same large choice of option boards for all drives
- ✓ Direct torque control for accurate & powerful motor control



The new FDU/VFX hold our new Emotron Portable Presentation Unit (PPU) for easy wireless connectivity with surrounding systems. The control panel is easily interchangeable and backward compatible with all Emotron FDU 2.0 and VFX 2.0 AC drives.

Designed for years of wear and tear

The Emotron 200kW AC Drive is designed, manufactured and quality controlled just like any other drive in the FDU/VFX family. Despite its modest size, the 200kW drive has maintained its full Emotron design margins. Every single unit is tested and quality controlled. The robust IP20 enclosure is all metal for a robust drive that will last for years, even in tough conditions.

Options to suit your needs

Expect the same choice of options for your 200 kW Drive as for other FDU/VFX drives in its power range. You can choose between a large selection of industrial Ethernet options and field buses. There will still be space for unique options such as crane I/O, isolated PTC/PT100 for motor temperature sensors or safe stop options. The new control panel gives you the option of Bluetooth communication.

Ask your sales representative for solutions to your specific needs.

| 200kW FDU/VFX 48-365 | IP20 | IP54 |
|-----------------------|--------------------------------------------------------------------------------|---------------------|
| Voltage | 380-480V | |
| Rated output current | 365A | |
| Overload | 120% | |
| Communication options | Ethercat , Profinet, Ethernet IP and Modbus/TCP Profibus, Devicenet, Modbus | |
| Dimensions (HxWxD) mm | 1090x335x317 | 1400x335x350 (prel) |
| Weight kg | 85 | 95 (prel) |

We put all our energy into saving yours