Therefore you can rely on the same low-maintenance robustness and reliability – once you have set it, it will run reliably, earning you energy savings for years on end.

Freedom from extra components

- With integrated DC choke for harmonics mitigation there are no additional component costs.
- The built-in RFI disconnect switch minimizes leakage current and optimizes safe operation on IT mains – as standard.

- VLT Midi Drive is designed to operate at 45-50°C ambient temperature at full load and 55°C with derating. This capability means that there is no need to install extra cooling equipment or oversize the drive.

These integrated features save you overdimensioning, additional purchases and save space too, delivering cost savings to your project.

Compact design for easy installation

The compact design, and side by side mounting with zero clearance between the drives, make it simpler to optimize panel space.

Flexible. Easy to use.

Easy retrofit

VLT® Midi Drive is prepared for compatibility with the VLT® 2800. Its exterior dimensions, cable plugs, cable lengths, and set-up software tools enable easy retrofit in established plant or machinery concepts.

Service friendly

The VLT® Memory Module MCM 102 facilitates helpful implementation of factory settings for OEM and machine builders, fast installation of firmware updates, and easy commissioning or exchange of drives – a first for VLT® drives.

Simply use your PC to copy the drive settings from one VLT® Memory Module to another.

Save time on set-up

Numeric or graphical LCP

Easy parameter set-up makes the path to energy savings both short and simple, via an enhanced numeric LCP or graphical control panel that supports six languages.

Targeted 'Application Selections' make it easy for users to set up and commission typical applications.

VLT® Motion Control Tool MCT 10

Configure and monitor the FC 280 with Danfoss' own VLT® Motion Control Tool MCT 10 software. This tool provides plant managers with a comprehensive overview over the system at any point in time and a high level of flexibility in configuration and monitoring. There is even a USB port enabling fast PC connection for commissioning and troubleshooting.

All-pluggable

Pluggable terminals make this the easiest wiring task imaginable for installation and service – simply plug in and plug out for mains, RS485, I/O, and motor connections.

The VLT® Memory Module facilitates helpful implementation of factory settings, fast installation of firmware updates, and easy transfer of settings.