

Danfoss VLT® HVAC solutions available through Controlstore

Controlstore is the Authorised VLT® Sales Partner for Danfoss in Sydney and Brisbane. This partnership has enabled Controlstore to be more responsive to our customers' needs in supplying superior and cost competitive **VLT® HVAC Drives**.

The Danfoss VLT® HVAC drives are the most cost effective solution to motor control and air handling in the market providing up to **80% greater drive functionality** and up to **50% savings on installation costs**.

Setting new standards, the VLT® HVAC Drives integrate seamlessly with HVAC systems at the lowest cost of ownership in the market. Danfoss' extensive experience in advanced variable frequency drive technology for HVAC applications has produced an unmatched product offering suited for a range of needs, from simple follower operation to intelligent standalone control. From "drive only" to complete package solutions, the VLT® HVAC Drives are economical, flexible and user-friendly.



Why you should choose the VLT® HVAC Drives

- ✓ **Replacement is simple** - The motor independent drive can be installed in any fan or pump system and provide years of reliable, maintenance-free operation.
- ✓ **Leading and reliable technology** - Every VLT® HVAC Drive is based on 25 years of experience and innovation.
- ✓ **Simple installation and use** - All models follow the same basic design and operating principle. Once you know one you know them all.
- ✓ **Technical or on-site support available** - Our Technical support is available 24/7 to help with any questions and issues.
- ✓ **Training support** - From general overview to specific topics we've got it covered.

Featured products (contact us for more):



VLT® HVAC Basic Drive FC101
For simple fan and pump applications



VLT® HVAC Drive FC102
Provide lowest lifetime cost in HVAC Systems

Product range:

- 3 x 200 – 240 V 0.25 – 45 kW
- 3 x 380 – 480 V 0.37 – 90 kW
- 3 x 525 – 600 V 2.2 – 90 kW

Available Enclosure Ratings:

- IP 20
- IP 21/UL Type 1 (separate option kit)
- IP 54

Intuitive Control Panel

- Start up with a configuration wizard
- Easy to program parameters
- Alphanumeric display
- Hand – Off – Auto keys
- Status LCDs
- Easy to install
- Easy to wire up
- 7 languages and numeric programming

Fieldbus communication

Standard built-in:

- BACnet mstp
- FC Protocol
- N2 Metasys
- FLN Apogee
- Modbus RTU

Product range:

- 3 x 200 – 240 V 1.1 – 45 kW
- 3 x 380 – 480 V 1.1 – 1000 kW
- 3 x 525 – 600 V 1.1 – 90 kW
- 3 x 525 – 690 V 1.1 – 1400 kW

Available Enclosure Ratings:

- IP 00 335 – 630 kW
- IP 20 1.1 – 400 kW
- IP 21 (Type 1) 1.1 – 1400 kW
- IP 54 (Type 12) 75 – 1400 kW
- IP 55 (Type 12) 1.1 – 90 kW
- IP 66 (NEMA 4X indoor) 1.1 – 90 kW

Optional coating providing extra -protection for aggressive environments.

Power options:

- Advanced Harmonic Filters -□for critical demands on harmonic distortion
- dU/dt filters:□For special demands on motor isolation -protection
- Sine-Wave filters

Fieldbus communication

Standard built-in:

- FC Protocol
- N2 Metasys
- FLN Apogee
- Modbus RTU
- BACnet

Optional:

- LonWorks (MCA 108)
- BACnet (MCA 109)
- DeviceNet (MCA 104)
- Profibus (MCA 101)

Featured projects:



Commercial Buildings
Barangaroo Tower 3, NSW



Data Centres
Next DC, NSW



Healthcare
Logan Hospital, QLD



Retail & Leisure
Pacific Fair, QLD

Controlstore is your trusted partner for the best HVAC advice and products. We are passionate about discovering and meeting our customers' needs and providing you with MORE than just products – more availability, more reliability, more capability.