

DANFOSS VLT® HVAC DRIVE (VARIABLE SPEED DRIVES)

Danfoss



WHY IS IT GREEN?

Help to optimise energy performance of pumps and fans in air conditioning systems resulting in:

- Considerable reduction in energy cost
- Reduction in utility bills for entire life cycle
- Improve comfort control
- Reduce Greenhouse gas emissions

PRODUCT FEATURES

- Automatic Dynamic V/F ratio (voltage /frequency) for optimise energy performance
- AEO (automatic energy optimisation) and Sleep mode function for better energy performance
- Minimum efficiency of 98%
- Minimum heat loss
- Inbuilt RFI/EMC Filters according to compliance standard EN61800-3:2004 Category 1 and EN55011 Class B for commercial building.
- Inbuilt DC inductor harmonic filters which can provide harmonic filtration throughout entire speed range according to EN61000-3-2 & IEC61000-3-12
- Logging and alpha numeric LCD display of kWhr, kW, Amps, V, rpm, Hz, % speed, Pa, kPa, °C, etc.
- User friendly keypad with INFO manual and Fault display in text instead of code for easy trouble shooting and operation .
- Embedded fieldbus includes Native BACnet MS/TP, Modbus RTU, Metasys N2, FLN Apogee
- Lonwork, DeviceNet & Profibus available as option.

PRODUCT CERTIFICATION & COMPLIANCE

ISO9001, ISO14001, OHSAS18001, IECQ-CECC, CE, UL , C-Tick, SEMI F47-0706

APPLICABLE GBI CREDITS

NRNC	EE5
INC	EE5
NREB	EE5
IEB	EE5
INTERIORS	EE4

COMPANY DETAILS

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