



Dedicated pump features in VLT® HVAC Drive

The VLT® HVAC Drive from Danfoss offers a vast number of pump-specific features developed in cooperation with OEMs, contractors and manufacturers around the world.

Pump Cascade Controller

The Pump Cascade Controller is the most sophisticated controller on the market - yet standard in VLT® HVAC Drive.

It distributes running hours evenly across all pumps, keeps wear and tear on individual pumps to a minimum and ensures all pumps are in great shape.

Vital water supply

Vital water supply can be assured in case of leakage or a broken pipe e.g. Overload is prevented by reducing speed - and the vital supply is secured at lower flow.

Sleep Mode

In Sleep Mode the drive detects situations with low or no flow.

Instead of continuous operation it boosts the system pressure and then stops to save energy. The drive starts automatically when the pressure falls below the lower set point.

Dry Pump Protection and End of Curve

Dry Pump Protection and End of Curve relates to situations where the pump runs without creating the desired pressure – as when a well runs dry or a pipe leaks.

The drive throws an alarm, shuts off the pump, or performs another programmed action.