

TOPCOOL™

TFD

Automatic Frequency Drive

The Topcool's automatic frequency drive or TFD is a revolution in the drive's technology. Being fully automated and equipped with a durable filter, it is specially designed to control the indoors micro-climate of any farm. You must enter the data once, and it will do the rest. The TFD will make your fans setup perform better and be a game changer in your electricity consumption. With this formidable German drive, you could put more fans at a lower speed and still save money on your electrical bill. The whole point of the TFD is to make the customer's life more convenient and make them save money at the same time.

BENEFITS

Seize the opportunity to make your ventilation system operates when your livestock truly needs it. This TFD can control up to 19 1.1kW fans automatically at the same time and will help to extend their lifetime. Being pre-programmed from our factory, this drive will make your current ventilation system operate gently and quietly while bringing your energy consumption down.

HOW DOES IT WORK?

By connecting inside temperature sensors till a maximum of 2 per TFD and in combination with an optional relative humidity sensor, you will run your ventilation setup automatically based on your livestock requirements. If you already have a climate computer, you will be able to hook-up the TFD using the 0-10V input connection.

FEATURES

- IP55
- Perfect for agricultural or industrial use
- User-friendly
- Shipped pre-programmed
- No limitation to the motor cable length
- Available with inside and outside temperature sensor
- Interference-free drive with its integrated all pole sine filters
- Can control up to 10 Cyclone 72"



OPTIONS

- Inside temperature sensor with a 20m cable
- Outside temperature sensor with 20m cable
- Relative Humidity sensor
- Manual override unit (TFD-BPS) in a separate box built-in IP6



JOIN US AT

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TFD

Drive

Name	Desc	IP	Input			Output			Fan Loading QTY			
			Hz	Volt	Phase	Volt	Phase	Amps	.37KW FAN	.75KW FAN	1.1KW-FAN	2.2KW FAN
TFD-S 4	AUTOMATIC FREQUENCY DRIVE	55	50	230	1	230	3	4.0	2	/	/	/
TFD-S 6								6.0	3	1	1	/
TFD-S 10								10.0	5	2	2	1
TFD-ST 6								6.0	3	1	1	/
TFD 2.5			400	3	400	2.5		/	1	1	/	
TFD 5						5.0		/	2	2	1	
TFD 8						8.0		/	2	2	1	
TFD 10						10.0		/	3	3	2	
TFD 14						14.0		/	4	4	2	
TFD 18						18.0		/	6	6	3	
TFD 22						22.0		/	8	8	4	
TFD 32						32.0		/	12	12	6	
TFD 40			40.0	/	15	15		8				
TFD 50			50.0	/	19	19		10				
TFD-SI	OPTIONS	Inside temperature sensor										
TFD-SO		Outside temperature sensor										
TFD-RH		Relative Humidity sensor supplu voltage DC15-35/AC 24V IP65										
TFD-BPS20		By-Pass Switch Manual (100%)-0-Auto 20 Amp. Max. In an IP65 box										
TFD-BPS25		By-Pass Switch Manual (100%)-0-Auto 25 Amp. Max. In an IP65 box										
TFD-BPS50		By-Pass Switch Manual (100%)-0-Auto 50 Amp. Max. In an IP65 box										

For more information, contact us on our website topcool.co

The products show in this brochure are covered by a limited warranty.

Due to our continual effort to provide better products and service; literature, products, performance data, price change without notice.