

EXHAUSTO

Variable Frequency Drive VFD (Danfoss VLT2800)

Description

The Danfoss Model VLT2800 is an industrial type variable frequency drive that is designed specifically to control and adjust the speed of EXHAUSTO fans. The Danfoss VLT2800 is used with CASV, Chimney Automation Systems, MDVS, Mechanical Dryer Venting Systems, and MCAS, Modulating Combustion Air Systems.

Drives are available from 1 HP through 7.5 HP and have pre-wired power and control connections.

The VFD is pre-programmed by EXHAUSTO for the specific application for which it is to be used. However, if program changes are necessary the settings can be adjusted using the VFD keypad panel.

Material

The frame is made of aluminum while the cover is plastic. The enclosure has a NEMA 1 rating.

Maintenance

No special maintenance is required.

Approvals

Tested and listed to UL, cUL and CSA standards.
CE compliant.

Warranty

2-year factory warranty.



Specifications are subject to change without notice.

Specifications

Frequency Reference Signal	0-10 VAC
Input Signal	Start/Stop, multistep speed setting
Ambient Temperature	14°F to 113°F (-10°C to 45°C)
Acceleration Time	0.02 to 3600 seconds
Protective Functions	Drive overheating, external fault, CPU malfunction, motor overload, memory error, undervoltage, overvoltage, communication error, ground fault

Drive Ratings and Dimensions

200 Volt Class Input											
Item No.	HP	Input Current	Power Supply	Weight		Height (A)		Width (B)		Depth	
		Amps.	V	Lbs	Kg	in	mm	in	mm	in	mm
EXH1280	1	5.1/10.6	1x220-240/ 3x200-240	4.4	2.0	7.5	190	3.0	76	6.6	168
EXH1281	2	7.6/15.2		4.4	2.0	7.5	190	3.0	76	6.6	168
EXH1282	3	8.8	3x200-240	8.1	3.7	10.1	256	3.5	90	6.6	168
EXH1283	5	14.7		13.2	6.0	10.1	256	5.5	140	6.6	168
400 Volt Class Input											
EXH1290	1	1.9	3x400-480	4.6	2.1	7.5	190	3.0	76	6.6	168
EXH1291	2	3.2		4.6	2.1	7.5	190	3.0	76	6.6	168
EXH1292	3	4.7		8.1	3.7	10.1	256	3.5	90	6.6	168
EXH1293	5	9.1		8.1	3.7	10.1	256	3.5	90	6.6	168
EXH1294	7.5	16		13.2	6.0	10.1	256	5.5	140	6.6	168

