

Industrial Refrigeration Control Products

Enclosed VFD Package for Evaporative Condensers

Industrial Motors
Commercial &
Appliance Motors
Automation
Digital & Systems
Energy
Transmission and
Distribution
Coatings



Member



Driving efficiency and sustainability



Enclosed VFD Package for Evaporative Condensers

The enclosed VFD panel package is engineered to work with all condenser manufacturers, allowing for simple, quick installation and start-up, requiring only input power and output motor connections.

Standard Features

- UL / cUL Listed
- Built in accordance with UL 508A standards
- NEMA 12, 3R, 4* rated designs available
- 460 VAC – other voltages available*
- Fused control power transformer
- Door mounted rotary disconnect
- Ambient temperature: 14°F - 104°F – custom options available for higher or lower temperature applications*
- Humidity: 5-90% Non-condensing
- Elevation: 1000 meters – custom options available for higher elevation applications*
- Customizable to meet any specification*
- Compact design for easy installation
- Easy access to terminal blocks for field wiring
- Complete factory test allowing for trouble free start up
- ATL starter for VFD bypass

*CONSULT FACTORY

Optional Features:

- Water pump starter
- Contactor for pan heater
- Load reactor
- HOA switch/running light
- Pressure transducer
- Temperature sensor
- Motor space heater control
- Door mounted flange disconnect*
- Floor stand kit*

Panel Ratings

NEMA Rating	Description
12	Enclosures are intended for indoor use primarily to provide a degree of protection against dust, falling dirt, and dripping non-corrosive liquids.
3R	Enclosures are intended for outdoor use primarily to provide a degree of protection against falling rain and sleet; undamaged by the formation of ice on the enclosure.
4	Enclosures are intended for indoor or outdoor use primarily to provide a degree of protection against windblown dust and rain, splashing water and hose directed water; undamaged by the formation of ice on the enclosure.



WEG Evaporative Condenser Panel Product Code Matrix

1-2 Package	3 Voltage	4 # of Motors	5-7 HP	8 Bypass	9 Water Pump	10 Water Pump HP
SR = Single Drive (Rotary Handle)	A = 460V / 120V 60 Hz	A = 1 motor	003 = 3 HP	0 = No	0 = None	A = None
SF = Single Drive (Flange Handle)	B = 575V / 120V 60 Hz	B = 2 motors	005 = 5 HP	1 = Yes	1 = 1 Water Pump	B = 0.75 HP
MR = Multiple Drives (Rotary Handle)	C = 380V / 120V 60 Hz	C = 3 motors	7P5 = 7.5 HP		2 = 2 Water Pumps	C = 1.0 HP
MF = Multiple Drives (Flange Handle)	D = 460V / 230V 50 Hz	D = 4 motors	010 = 10 HP		4 = 4 Water Pumps	D = 1.5 HP
AR = Across the Line Starter (Rotary Handle)	E = 575V / 230V 50 Hz	E = 6 motors	015 = 15 HP			E = 2.0 HP
AF = Across the Line Starter (Flange Handle)	F = 380V / 230V 50 Hz		020 = 20 HP			F = 3.0 HP
			025 = 25 HP			G = 5.0 HP
			030 = 30 HP			H = 7.5 HP
			040 = 40 HP			J = 10 HP
			050 = 50 HP			K = 15 HP
			060 = 60 HP			L = 20 HP
						M = 25 HP
						N = 30 HP

11 Pan Heater	12 Pan Heater kW	13 Motor Space Heater	14 Load Reactor / dVdT	15 HOA Switch / Running Lamp	16 Pressure Transducer	17 Temperature Sensor	18 A/C Unit	19 NEMA Rating	20 Future Use
0 = None	A = None	0 = None	0 = No	0 = No	0 = No	0 = No	0 = No	1 = Nema 12	0 = None
1 = 1 Pan Heater	B = 2 kW	1 = 1 Fan	1 = Yes	1 = Yes	1 = Yes	1 = Yes	1 = Yes	3 = Nema 3R	
2 = 2 Pan Heaters	C = 3 kW	2 = 2 Fans						4 = Nema 4	
4 = 4 Pan Heaters	D = 4 kW	3 = 3 Fans							
	E = 5 kW	4 = 4 Fans							
	F = 6 kW	6 = 6 Fans							
	G = 7 kW								
	H = 8 kW								
	J = 9 kW								
	K = 10 kW								
	L = 12 kW								
	M = 15 kW								
	N = 18 kW								
	P = 20 kW								

WEG's scope of solutions is not limited to the products and solutions presented in this brochure.

Contact WEG for information on additional products and solutions.


For WEG's worldwide operations visit our website



www.weg.net



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