

Low Voltage AC Drives for HVAC Applications

FRENIC-HVAC Combination VFD

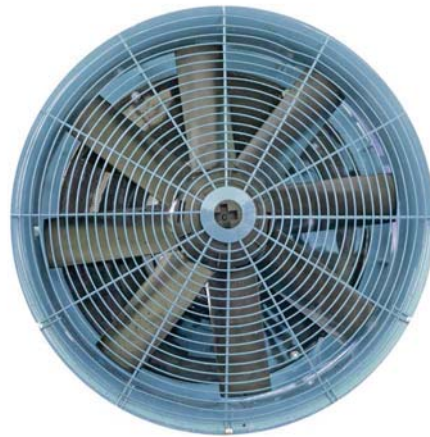


FRENIC-HVAC Combination VFD

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Applications

- Air Handling Units (Supply & Return Fans)
- Exhaust Fans
- Cooling Tower Fans
- Condenser Fans
- Chilled Water Pumps
- Hot Water Pumps
- Pressure Boosting Pumps



Benefits

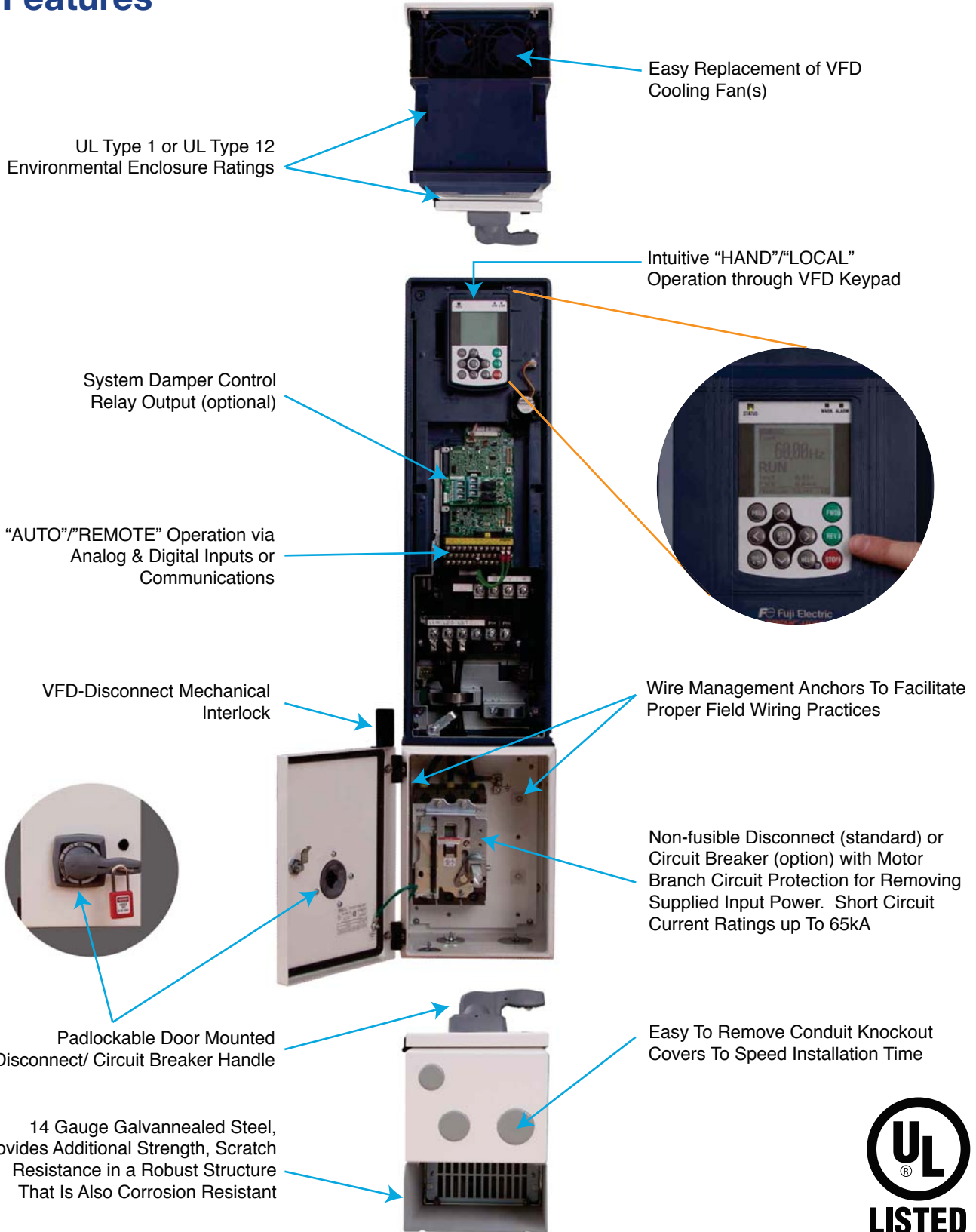
- Energy Savings
- CO₂ Emission Reduction
- Reduce Mechanical System Stress
- Ambient Noise Reduction
- Low Harmonic Distortion
- Out-of-the-Box Solution
- Simple & Quick Installation
- Easy Start-up
- 3-Year Standard Warranty

Estimator Tools



Available
On Our
Website

Features



Easy Replacement of VFD Cooling Fan(s)

UL Type 1 or UL Type 12 Environmental Enclosure Ratings

Intuitive "HAND"/"LOCAL" Operation through VFD Keypad

System Damper Control Relay Output (optional)

"AUTO"/"REMOTE" Operation via Analog & Digital Inputs or Communications



VFD-Disconnect Mechanical Interlock

Wire Management Anchors To Facilitate Proper Field Wiring Practices



Non-fusible Disconnect (standard) or Circuit Breaker (option) with Motor Branch Circuit Protection for Removing Supplied Input Power. Short Circuit Current Ratings up To 65kA

Padlockable Door Mounted Disconnect/ Circuit Breaker Handle

Easy To Remove Conduit Knockout Covers To Speed Installation Time

14 Gauge Galvannealed Steel, Provides Additional Strength, Scratch Resistance in a Robust Structure That Is Also Corrosion Resistant



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Technical Information

UL Type 1				
Frame Size	208/230VAC Ratings	460VAC Ratings	575VAC Ratings	H x W x D (Inch)
1C	1 - 5HP	1 - 10HP	1 - 10HP	30.75 x 6.41 x 14.25
2C	7.5 - 15HP	15 - 30HP	15 - 30HP	36.56 x 8.56 x 14.13
2C	20 - 25HP	40 - 50HP	40 - 50HP	38.94 x 8.56 x 14.13

UL Type 12				
Frame Size	208/230VAC HP Ratings	460VAC HP Ratings	575VAC HP Ratings	H x W x D (Inch)
1C	1 - 5HP	1 - 10HP	1 - 10HP	30.75 x 6.41 x 14.25
2C	7.5 - 15HP	15 - 30HP	15 - 30HP	36.56 x 8.53 x 14.25
2C	20 - 25HP	40 - 50HP	40 - 50HP	38.94 x 8.53 x 14.25



Figure A

WARRANTY
3 years
from date of
shipment

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FE **Fuji Electric**
Innovating Energy Technology