

# Lewis Mechanical Sales, Inc

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## VFD Discount List

For unlisted items, call us at 361-882-2233

Last updated 1/18/2017

Brand	Name	Description	Brochure	Disc off List
Emerson	H300 HVAC Drive    	H300 has all of the features you would expect from a dedicated HVAC drive, including:  Easy integration with Building Automation Systems <ul style="list-style-type: none"> <li>• Industry standard BACnet and Modbus RTU communications onboard</li> <li>• Optional communication system integration modules available, including PROFIBUS, Ethernet I/P, DeviceNet, CANopen, PROFINET and Modbus TCP/IP</li> <li>• Generous onboard I/O and two integrated form C relays for the majority of HVAC system requirements</li> </ul> 1.0 hp – 450 hp (0.75 kW – 315 kW) 208-230 V   460 V   575 V  Firemode for occupant safety Flexibility without a Building Management System <ul style="list-style-type: none"> <li>• Onboard logic and Proportional Integral Differential (PID) controllers, temperature control, real-time clock and flexible I/O</li> </ul> Environmental safety and electrical conformance features including: <ul style="list-style-type: none"> <li>• Efficiency, harmonic and dV/dt performances rated in accordance with AHRI* Standard 1210 (I-P)</li> <li>• Supply harmonics calculator ensures HVAC System Conformance to required electrical standards</li> <li>• Electromagnetic Immunity complies with EN 61800-3 and EN 61000-6-2</li> <li>• With onboard EMC filter, complies with EN 61800-3 (Category C3)</li> <li>• Safe Torque Off, independently assessed by TÜV to IEC 61800-5-2 SIL 3 and EN ISO 13849-1 PL</li> <li>• UL 508C (Electrical Safety)</li> </ul> Quiet operation with Rotor Flux Control modes and high switching frequencies (up to 16 kHz) High product reliability with conformally coated PCBs  Easy system installation and ongoing management: <ul style="list-style-type: none"> <li>• Easy-to-use PC tools</li> <li>• Intuitive keypads for superior diagnostics and rapid fault resolution</li> <li>• Simple and clear user documentation/installation guide</li> <li>• Remote connectivity allows easy system maintenance</li> </ul> High energy efficiency: <ul style="list-style-type: none"> <li>• Low losses, up to 98% efficient</li> </ul>	<a href="#">H300 Brochure</a>	30%

Brand	Name	Description	Brochure	Disc off List
Emerson	M200 Unidrive  	<p>Unidrive M200 AC drive - Flexible machine integration through communications</p> <p>0.33 hp – 150 hp (0.25 kW – 110 kW) Heavy Duty            0.33 hp – 200 hp (0.25 kW – 132 kW) Normal Duty            115 V   230 V   460 V</p> <p>Unidrive M200 has been designed for applications that require flexible integration with systems via modern communication networks and fieldbuses or advanced RFC-A open-loop motor control.</p> <p>Flexible system integration with communications options</p> <ul style="list-style-type: none"> <li>• M200's SI interface enables integration with a wide range of available industry standard fieldbuses or extended I/O such as SI-Ethernet, SI-EtherCAT, SI-PROFINET V2, SI-PROFIBUS, SI-CANopen and SI-DeviceNet</li> <li>• AI-485 Adaptor option permits connection to RS485 adaptor option permits connection to RS485 networks using Modbus RTU</li> <li>• Improve throughput with advanced open-loop motor control algorithms</li> </ul> <p>Rotor Flux Control (RFC-A) utilizes closed-loop current control to give maximum stability of induction motors at all powers.</p> <ul style="list-style-type: none"> <li>• Install and configure quickly and easily</li> <li>• Easy-to-use fixed LED keypad</li> <li>• Useful parameter guide located on the front of the drive</li> <li>• Use Unidrive M Connect PC tool or SD card with AI-Backup Adaptor to clone and transfer parameter sets</li> <li>• Din rail mounting is supported below 2 hp (1.5 kW)</li> </ul> <p>KEY DATA</p> <p>Supply phases:            Size 1 to 4: 110 V drives – 1 phase, 230 and 400 V drives - 1 or 3 phase            Size 5 upwards: 3 phase</p> <p>Standard Features:            Fixed LED Keypad            Option slots: 1 (Size 2 and above)            Parameter cloning via: PC tools, SD card with AI-Backup Adaptor, AI-Smart Adaptor</p>	<a href="#">M200 Brochure</a>	30%