



Scan to see a full specifications, installation and agency certification information.

Head Pressure Controls with Optional Heat Pump Bypass

APPLICATIONS:

APPLIANCE | ELECTRICAL | HVAC/R | MARINE | POOL & SPA | RV



ICM325HN

Typical Application

Line Voltage
(120/208/240/480 VAC)

Control Voltage
(24 VAC)

Air Conditioning and Heat Pumps



ICM326HN

Typical Application

Line Voltage (120/208/240 VAC)

Air Conditioning and Refrigeration



ICM327HN

Typical Application

Line Voltage (480 VAC)

Air Conditioning and Refrigeration



FEATURES

- ✓ Helps prevent evaporator freeze-ups, liquid-slugged compressors, low pressure cutouts and overshoots seen with on/off & pressure switch controls
- ✓ Integral heat pump bypass circuitry – Allows you to electronically bypass the speed control during heat pump operation
- ✓ Solid state 10 amp load carrying capability
- ✓ Single unit controls up to 3 refrigerant circuits
- ✓ Multiple Voltage ranges (see specifications for details)
- ✓ Hard start – Adjustable from .1-5 seconds; provides full torque to the motor during startup to help ensure proper fan rotation and lubrication of bearings
- ✓ Low speed cutoff – Field-adjustable; user may set the minimum RPM level at which the condenser fan should operate
- ✓ High temperature bypass – Applies full voltage to the condenser fan under normal conditions
- ✓ Integral transformer *(ICM326HN/327HN models) – Simplifies installation, reduces cost; direct setup from the line voltage
- ✓ RoHS compliant/lead free design – For global use

SPECIFICATIONS

- **Input/Output Voltage**
 - **ICM325HN:** (Input: 18-30 VAC) (Input/Output: 120-480 VAC)
 - **ICM326HN:** (Input/Output: 120/208/240 VAC)
 - **ICM327HN:** (Input/Output: 480 VAC)
 - **Frequency:** 50/60 Hz
 - **Power Consumption:** 4VA @ 24 VAC
- **Output**
 - **Type:** Solid State
 - **Form:** Triac
 - **Output Current:** (maximum: 10 amps) (minimum: 100 mA)
 - **Frequency:** 50/60 Hz
 - **Voltage Drop:** 3.0 volts maximum
 - **Leakage Current:** 5 mA maximum
- **Protection**
 - **Dielectric Breakdown:** 2,500 volts maximum
 - **Insulation Resistance:** 100 M
- **Control Operating Temperature**
 - **Operating Temperature:** -40°F to +176°F (-40°C to +75°C)
 - **Storage Temperature:** -40°F to +185°F (-40°C to +85°C)
- **Dimensions**
 - **ICM325HN:** 4 3/4" L x 3 3/16" W x 1 1/8" H
 - **ICM326HN and ICM327HN:** 4 3/4" L x 3 3/16" W x 1 3/4" H
- **Ordering Information**
 - **Standard Model ICM325HN:** 120-480 VAC
 - **Models with Integral Transformers: ICM326HN:** 120/208/240 VAC
ICM327HN: 480 VAC

REPLACES

- **ICM325HN & ICM325HNV Replaces:** **ACT:** FM2000, **Hoffman:** 800, 800A, 800AA, 814-50, 816-10, **Ranco:** E31Series
- **ICM326HN Replaces:** **ACT:** FM4000, **Hoffman:** 800, 800A, 800AA, 814-50, 816-1, **Ranco:** E31 Series
- **ICM327HN Replaces:** **ACT:** FM4000, **Hoffman:** 800, 800A, 800AA, 814-50, 816-10, **Ranco:** E31 Series