VNEK COMPRESSOR

THE SMARTEST WAY TO SAVE ENERGY

Variable Capacity Compressor (Embraco VCC)

DRivers

- Energy saving (Up to 40% efficiency improvement over market on-off products)
- Overall noise reduction (average 5dBA)
- Fast cooling: products ready to sell faster
- Robustness suitable for commercial applications

Main Features

- High Power (HP) inverter up to 1000 W
- Startability under adverse condition (HST)
- Wide range capacity for R-404A (LBP and MBP) and R-290 (LBP)
- Overload protected for current and temperature extremes
- VDE under approval
- HP Inverter case protected against liquid, dust and dirt according to IP41 standard
- Additional features: LED diagnosis, serial communication, frequency or drop-in control modes
- All models available in 115V 50/60Hz and 220V 50/60Hz
CAPACITY
20% Average pull-down time reduction

CONSUMPTION
25% Average reduction

NOISE
5dBA Average noise reduction at most frequent speed range

Estimated values for demonstration only

NOMENCLATURE
Application
Displacement
Refrigerant
Series
Variable Capacity Compressor (Embraco VCC)

VNEK 206 GK

<table>
<thead>
<tr>
<th>Application</th>
<th>Model</th>
<th>Voltage / Frequency</th>
<th>Capacity - ASHRAE (W)*</th>
<th>Refrigerant</th>
<th>Displacement (cc)</th>
</tr>
</thead>
<tbody>
<tr>
<td>MIHBP (6)</td>
<td>VNEK 699 GK</td>
<td>560</td>
<td>Min: 50, Max: 1130</td>
<td>R-404A</td>
<td>8.8</td>
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<tr>
<td></td>
<td>VNEK 606 GK</td>
<td>450</td>
<td>Min: 50, Max: 900</td>
<td></td>
<td>6.2</td>
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<tr>
<td>LBP (2)</td>
<td>VNEK 212 GK</td>
<td>115V 50-60Hz / 220V 50-60Hz</td>
<td>470, 940</td>
<td>R-290</td>
<td>13.5</td>
</tr>
<tr>
<td></td>
<td>VNEK 206 GK</td>
<td>230</td>
<td>Min: 50, Max: 500</td>
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<td>6.2</td>
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<tr>
<td></td>
<td>VNEK 213 U</td>
<td>440</td>
<td>Min: 50, Max: 940</td>
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<td>13.5</td>
</tr>
<tr>
<td></td>
<td>VNEK 207 U</td>
<td>200</td>
<td>Min: 50, Max: 470</td>
<td></td>
<td>7.2</td>
</tr>
</tbody>
</table>

*Only orientative values

MAIN APPLICATIONS
- Merchandisers
- Beverage dispensers
- Walk-In coolers
- Ice makers
- Ultra low temp. equipments

Responsible technology for a better quality of life.

www.embraco.com

Embraco is participating in the United Nations Global Compact.