**V-SERIES**

**SPECIFICATIONS**

<table>
<thead>
<tr>
<th>MODEL#</th>
<th>CFM Displ.</th>
<th>R-717 (See NOTE 1) Cap-TR</th>
<th>Power-BHP</th>
<th>L</th>
<th>H</th>
<th>W</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>160 VSD</td>
<td>294</td>
<td>109</td>
<td>122</td>
<td>121</td>
<td>74</td>
<td>44</td>
<td>4300</td>
</tr>
<tr>
<td>160 VMD</td>
<td>367</td>
<td>136</td>
<td>147</td>
<td>122</td>
<td>74</td>
<td>44</td>
<td>4500</td>
</tr>
<tr>
<td>160 VLD</td>
<td>441</td>
<td>164</td>
<td>174</td>
<td>124</td>
<td>74</td>
<td>44</td>
<td>4800</td>
</tr>
<tr>
<td>200 VSD</td>
<td>574</td>
<td>216</td>
<td>236</td>
<td>141</td>
<td>83</td>
<td>52</td>
<td>6700</td>
</tr>
<tr>
<td>200 VMD</td>
<td>718</td>
<td>272</td>
<td>287</td>
<td>143</td>
<td>83</td>
<td>52</td>
<td>6900</td>
</tr>
<tr>
<td>200 VLD</td>
<td>859</td>
<td>328</td>
<td>340</td>
<td>151</td>
<td>90</td>
<td>57</td>
<td>8300</td>
</tr>
<tr>
<td>250 VSD</td>
<td>1120</td>
<td>426</td>
<td>446</td>
<td>159</td>
<td>98</td>
<td>59</td>
<td>10500</td>
</tr>
<tr>
<td>250 VMD</td>
<td>1400</td>
<td>538</td>
<td>551</td>
<td>184</td>
<td>107</td>
<td>65</td>
<td>14400</td>
</tr>
<tr>
<td>250 VLD</td>
<td>1670</td>
<td>643</td>
<td>658</td>
<td>190</td>
<td>107</td>
<td>65</td>
<td>15200</td>
</tr>
<tr>
<td>250 VLLD</td>
<td>1980</td>
<td>762</td>
<td>779</td>
<td>199</td>
<td>110</td>
<td>65</td>
<td>16200</td>
</tr>
<tr>
<td>320 VSD</td>
<td>2250</td>
<td>862</td>
<td>899</td>
<td>206</td>
<td>124</td>
<td>72</td>
<td>20200</td>
</tr>
<tr>
<td>320 VMD</td>
<td>2800</td>
<td>1075</td>
<td>1111</td>
<td>226</td>
<td>127</td>
<td>79</td>
<td>25600</td>
</tr>
<tr>
<td>400 SUD</td>
<td>3350</td>
<td>1291</td>
<td>1303</td>
<td>226</td>
<td>127</td>
<td>79</td>
<td>27300</td>
</tr>
<tr>
<td>400 MUD</td>
<td>5700</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>400 LUD</td>
<td>6890</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>400 LLUD</td>
<td>8120</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**OPTIONS**

**REFRIGERANTS**
- Halocarbon refrigerant applications
- V SERIES UNIT FEATURES
- R-717 compressor capacity from 30% to 100% of full load
- A hydraulically operated slide valve regulates the compressor capacity from 30% to 100% of full load with improved part load performance.
- The internal volume ratio (Vi) may be manually adjusted from 2.6 to 5.8 (2.2 to 5.0 as an option) to provide the lowest power consumption for any given application.
- A hydraulically operated slide valve regulates the compressor capacity from 30% to 100% of full load with improved part load performance.
- The internal volume ratio (Vi) may be manually adjusted from 2.6 to 5.8 (2.2 to 5.0 as an option) to provide the lowest power consumption for any given application.
- A hydraulically operated slide valve regulates the compressor capacity from 30% to 100% of full load with improved part load performance.
- The internal volume ratio (Vi) may be manually adjusted from 2.6 to 5.8 (2.2 to 5.0 as an option) to provide the lowest power consumption for any given application.

**ECONOMIZER**
- Shell and tube economizer including all controls.
- Economizer or Side Load control valve station with back pressure regulator.
- Oil filters and pumps
- Dual oil filters and pumps
- Oil charging
- Mycom synthetic lubricant MYCOLD AB-68.
- Oil charge valve with 20 mesh strainer.
- Oil cooler
- PHE oil cooler
- Stainless steel tubes in oil cooler
- Air cooled oil cooler
- Glycol oil cooling system
- Oil Separation
- Vertical oil separator
- 350 Psig DWP oil separator
- Short length unit for trailer mounting
- SUCTION STRAINER
- 100 MESH, 3 layer design for protection against collapsing, self cleaning, cone type.

**OIL PUMP**
- Mycom double helical, direct drive, screw oil pump with integral pressure regulator for reliable, efficient and quiet operation.
- The filter prior to the oil pump is a cleanable, 300 mesh, stainless steel strainer. The pumped oil filter protecting the compressor bearings is a 20 micron replaceable cartridge filter.
- Thermostphon and water cooled units include a self actuated oil temperature control valve. Liquid injection units include an electric control valve actuated by the Mycom MYPRO CP-IV panel to control discharge temperature across the entire operating range.

**SUCTION STRAINER**
- 100 mesh, 3 layer design for protection against collapsing, self cleaning, cone type.

**CONTROL PANEL**
- Factory mounted economizer with all controls or just the economizer control valve station are available options.

**ECONOMIZER**
- Factory mounted economizer with all controls or just the economizer control valve station are available options.

**OIL FILTER**
- The filter prior to the oil pump is a cleanable, 300 mesh, stainless steel strainer. The pumped oil filter protecting the compressor bearings is a 20 micron replaceable cartridge filter.

**OIL FILTRATION**
- The filter prior to the oil pump is a cleanable, 300 mesh, stainless steel strainer. The pumped oil filter protecting the compressor bearings is a 20 micron replaceable cartridge filter.