

81077

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**8.0 OPERATING AND PERFORMANCE DATA**

**INGERSOLL-RAND.**  
**AIR COMPRESSORS**

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**CV2 PERFORMANCE DATA**

**MODEL: 2CV34M3**

	<b>DESIGN</b>
<b>GAS</b>	<b>AIR</b>
<b>NOMINAL INLET CAPACITY (ICFM)</b>	<b>3677</b>
<b>BAROMETRIC PRESSURE (PSIA)</b>	<b>14.17</b>
<b>INLET PRESSURE (PSIA)</b>	<b>13.87</b>
<b>RELATIVE HUMIDITY (%)</b>	<b>90</b>
<b>INLET TEMPERATURE ( °F)</b>	<b>100</b>
<b>DISCHARGE PRESSURE (PSIG)</b>	<b>125</b>
<b>RATED SPEED (RPM)</b>	<b>3580</b>
<b>COOLING WATER INLET TEMPERATURE (°F)</b>	<b>85</b>
<b>COOLING WATER FLOW (GPM)</b>	
<b>1ST STAGE AIR COOLER</b>	<b>70</b>
<b>2ND STAGE AIR COOLER</b>	<b>56</b>
<b>AFTERCOOLER</b>	<b>52</b>
<b>OIL COOLER</b>	<b>36</b>
<b>TOTAL (ALL COOLERS)</b>	<b>214</b>