



## Power Factor Correction: Determine System KVAR Requirements

If you know your system's power factor and wish to add correction, the following chart will help you determine the amount of kVARs needed to achieve your targeted power factor percentage.

<p><b>To use:</b></p> <ul style="list-style-type: none"> <li>• Identify “Target” Power Factor (PF)</li> <li>• Slide to the row indicating current PF</li> <li>• Multiply your kW by the “factor” selected. This will be your required kVAR</li> </ul>	<p><b>Example:</b> Determine kVAr rating required to improve the PF from .7 to .95, if the active power (kW) is 75 kW.</p> $Kvar = \text{active power (kW)} \times \text{kW multiplier}$ $75 \text{ kW} \times .692 = 51.9 \text{ (kvar)}$
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