

For EKOHEAT[®] systems up to 250 kW

EASYCOIL™

Large, oddly shaped parts and unique heating requirements can make using a traditional copper coil challenging. Luckily, that's no longer a barrier thanks to Ambrell's flexible EASYCOIL. It is perfect for slow heating and bulk heating applications such as preheating for welding, annealing, stress relief, die heating, heating for disassembly, hydrogen bakeout and more.

Accessibility of the coil to the workpiece is a leading reason for using Ambrell's EASYCOIL. It is easy to wind and can be used on large and smaller parts. While the coil is 25' (7.6 m) in length, it can be wound around a smaller part and couple just as effectively.

For heating large parts, up to five EASYCOILs can be used in series. Steel can be heated up to 1500 °F (816 °C), and the power supply delivers full power. An EKOHEAT of up to 250kW can be used within a frequency range of 5-45 kHz.

The EASYCOIL has a glass fiber sleeve. While this coil is most popular for lower temperature applications, it can be used for through-Curie heating. When the surface temperature of the part is above 800 °F (427 °C), ceramic insulation, which Ambrell can supply, should be used.



EASYCOIL AT-A-GLANCE

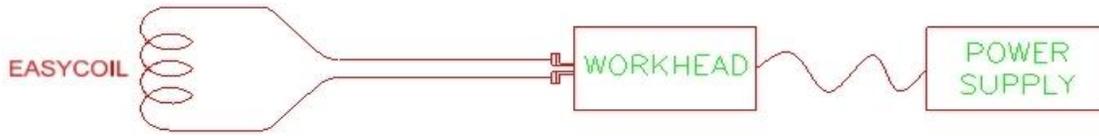
Versatile

- Works with EKOHEAT systems of up to 250 kW within a frequency range of 5-45 kHz
- Five 25' (7.6 m) EASYCOILs can be coupled in series
- Most small and large parts can be coupled with equal effectiveness; it can be used for numerous applications

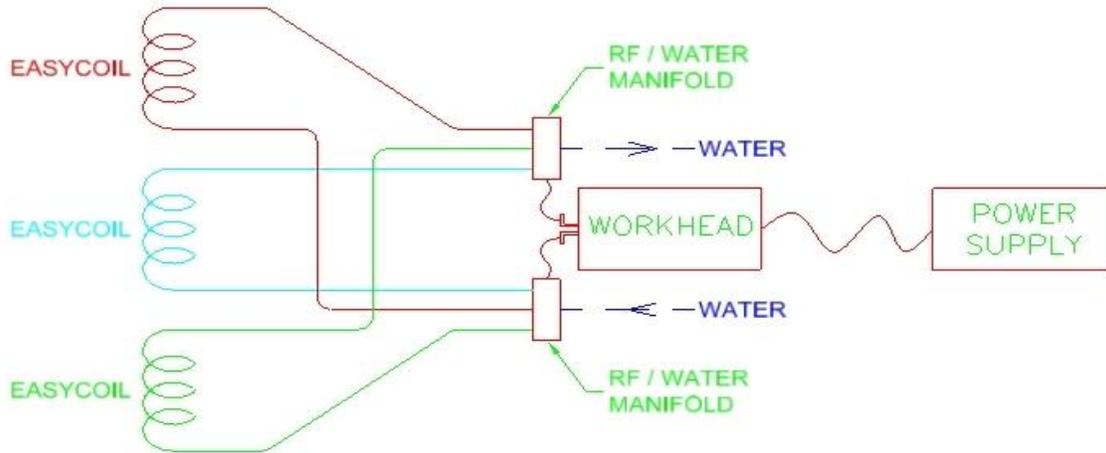
Easy to Use

- Simple to wind
- Easy to couple together

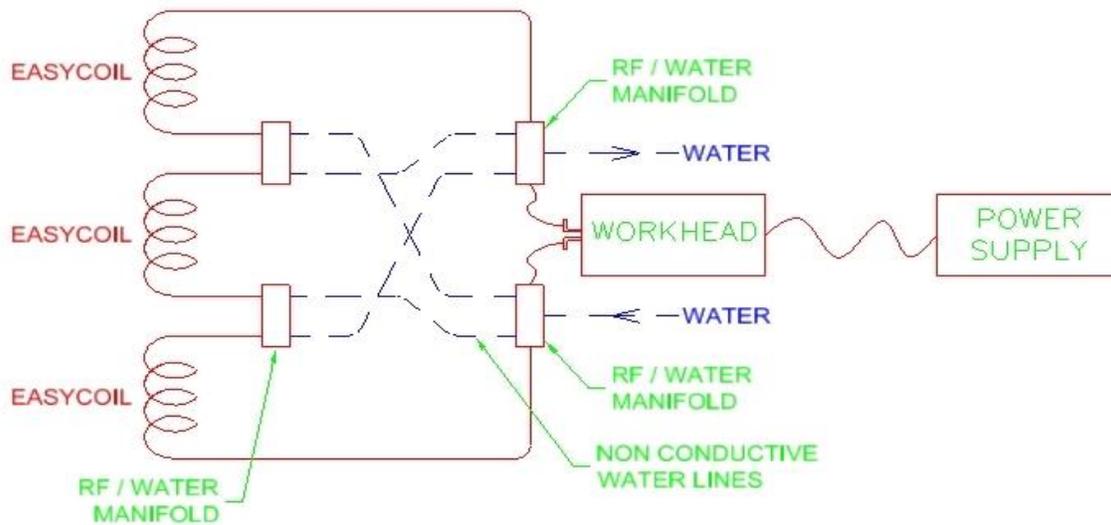
Typical EASYCOIL Set up



Three EASYCOILs in Parallel



Three EASYCOILs in Series



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