

Heat Pump System Regulations in Surrounding States

	Arkansas	Illinois	Iowa	Kansas	Kentucky	Missouri*	Nebraska	Oklahoma	Tennessee
Heat Pump Systems Regulated?									
Closed Loop	Yes	No	Yes	Yes	No	Yes	Yes	Yes	Yes
Open Loop	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Permit and Fee for well?									
Closed Loop	No	No		No	No	Yes	Yes	No	Yes
Open Loop	No	Yes		No	No	Yes	Yes	No	Yes
Permit and Fee for Operator?									
Closed Loop	Yes	No	Yes	No	No	Yes	Yes	Yes	Yes
Open Loop	Yes	No	Yes	No	Yes	Yes	Yes	Yes	Yes
Forms Required									
Closed Loop	Yes	No	Yes	No	No	Yes	No	Yes	No
Open Loop	Yes	Yes	Yes	No	No	Yes	No	Yes	Yes
Construction Requirements?									
<u>Set backs</u>									
Closed Loop	Yes	Yes	Yes	No	No	Yes	Yes	Yes	Yes
Open Loop	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes
<u>Depth Restrictions</u>									
Closed Loop	No	No	No	No	No	Yes	Yes	No	No
Open Loop	No	No	No	No	No	No	Yes	No	No
<u>Fluids</u>									
Closed Loop	Yes	Yes	Yes	Yes	No	Yes	No	Yes	Yes
Open Loop	Yes	Yes	Yes	Yes	No	Yes	No	Yes	Yes
<u>Spacing of Wells</u>									
Closed Loop	No	No	No	No	No	No	Yes	Yes	No
Open Loop	Yes	No	No	No	No	Yes	Yes	Yes	No
<u>Loop Pipe Specs?</u>									
Closed Loop	Yes	Yes	Yes	No	No	Yes	Yes	Yes	Yes
Open Loop	Yes	Yes	Yes	No	No	Yes	Yes	Yes	Yes
<u>Grout Full Length</u>									
Closed Loop	Yes	Yes (tremie)	top 40 ft	Yes (tremie)	No	No	Yes (tremie)	Yes (Tremie)	Yes (Tremie)
Open Loop	No	Yes (tremie)	top 40 ft	Yes (tremie)	Yes (tremie)	No	Yes (tremie)	Yes (Tremie)	Yes (grav/tremie)
<u>Grout Emplaced immediately after loops or casing installed?</u>									
Closed Loop	No	Yes	24 hrs	Soon	No	No	6 hrs	24 hrs	3 days
Open Loop	No	Yes	24 hrs	Soon	Yes	No	6 hrs	24 hrs	3 days
Pressure Tests on Loops?	Yes	Yes	Yes	No	No	No	Yes	Yes	Yes

* Current Regs