

# HLT

Tie Wrap temp sensor to output flow well.  
Level Switch - Need to drill a hole

Pipe Adapter

[http://www.mcmaster.com/?error\\_redirect=true#4464k473/=zmy3pd](http://www.mcmaster.com/?error_redirect=true#4464k473/=zmy3pd)  
~\$15

Adapter for hoses into pipe adapter

[http://www.mcmaster.com/?error\\_redirect=true#push-to-connect-pipe-to-tube-fittings/=zmy9zm](http://www.mcmaster.com/?error_redirect=true#push-to-connect-pipe-to-tube-fittings/=zmy9zm)  
~\$20

Adapter for copper or stainless steel tubing into pipe adapter

[http://www.mcmaster.com/?error\\_redirect=true#standard-compression-tube-to-pipe-fittings/=zmyai0](http://www.mcmaster.com/?error_redirect=true#standard-compression-tube-to-pipe-fittings/=zmyai0)  
~15

Copper Tubing

[http://www.mcmaster.com/?error\\_redirect=true#standard-copper-tubing/=zmyb62](http://www.mcmaster.com/?error_redirect=true#standard-copper-tubing/=zmyb62)  
~\$36

	HLT	MT	BP	Ferm
Required		3		2
Optional		3		0
Required		2		1
Optional		3		0
Required		0		0
Optional		2		0
Required		0		0
Optional		2		0

Pi

Items still to order

		P/N	Quantity	Cost	Total	Notes
McMasterCarr	Full Coupling Pipe Fitting	4464K473	1	5.63	5.63	Used when both sides require threaded apaters (Outputs, one side has threaded filter, other side has pipe adapter)
McMasterCarr	Half Coupling Pipe Fitting	4464K354	4	3.4	13.6	Used when only one side requires threaded adapters (level switch)
McMasterCarr	Hose Adapter	7852T17	3	3.51	10.53	
McMasterCarr	Level Switch	46515K41	2	15.79	31.58	
SparkFun	Temperature Sensors	SEN-11050	2	9.95	19.9	
PowerSwitch	PowerSwitchTail Power Relay	80135	4	25.99	103.96	
Zoro	Heating Elements	SG2167L 430537	2	9.99	19.98	

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