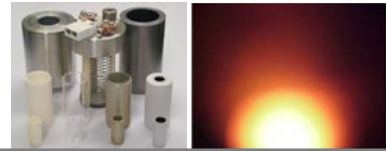




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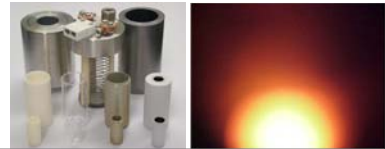
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Radak Catalog			
Part #	Availability		Description
	standard	custom	
RADAK I			
11000 (-C or -K)	x		Radak I Vacuum Furnace, C or K-Type TC
11000-K-O	x		OLED I Vacuum Furnace, K-Type
11000-K-SE		x	OLED I Vacuum Furnace, K-Type, for Selenium Deposition
10300-1L	x		Crucible, Alumina, lipped
10300-2	x		Crucible, Quartz
10300-3	x		Crucible, Pyrolytic Boron Nitride (double walled)
10300-4	x		Crucible, Organic, lipped
10300-5	x		Crucible, Arc Coated SS, lipped
10301-1	x		Tungsten Crucible Liner (Short)
10301-2		x	Moly Crucible Liner, Short (small capacity)
10301-2T	x		Moly Crucible Liner, Tall (full capacity)
10301-3	x		Tantalum Crucible Liner, Short (small capacity)
10301-6	x		Nickel Crucible Liner, short (small capacity)
10411-C	x		Type C Thermocouple, W:5Re/W:26Re
10411-K	x		Type K Thermocouple, Chromel/Alumel
10412	x		Heater Replacement Kit
10115-2	x		Vapor Shield, Molybdenum, Flat Top
10116		x	Vapor Shield, Tantalum, Flat Top
10117-2		x	Vapor Shield, Stainless Steel, Flat Top (for Selenium)
10415-CU	x		Set of 2 Copper Power Terminals
10415-SS		x	Set of 2 Stainless Steel Power Terminals (for Selenium)
10416	x		Ceramic Tube insulator, Thermocouple Post
10417	x		Ceramic Tube insulator, Set of 2 for Power Feeds
10418-C	x		Ceramic TC Plug, Type-C, Female, for furnace base
10418-K	x		Ceramic TC Plug, Type-K, Female, for furnace base
10419-C	x		Ceramic TC Plug, Type-C, Male
10419-K	x		Ceramic TC Plug, Type-K, Male
10511-2	x		Radiation Baffle, Flat Top
10515-2	x		Outer Furnace Cover, Flat Top
12514	x		External Spring
RADAK II			
21000 (-C or -K)	x		Radak II Vacuum Furnace, C or K-Type TC
21000-K-O	x		OLED II Vacuum Furnace, K-Type TC
21000-K-SE		x	OLED II Vacuum Furnace, K-Type, for Selenium Deposition
20300-1L	x		Crucible, Alumina, lipped
20300-2	x		Crucible, Quartz
20300-3	x		Crucible, Pyrolytic Boron Nitride (double walled)
20300-4	x		Crucible, Organic, lipped
20300-5	x		Crucible, Arc Coated SS
20301-1	x		Tungsten Crucible Liner (Short)



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20301-2		x	Moly Crucible Liner, Short (small capacity)
20301-2T	x		Moly Crucible Liner, Tall (full capacity)
20301-3	x		Tantalum Crucible Liner, Short (small capacity)
20301-6	x		Nickel Crucible Liner, short (small capacity)
20302-1		x	Molybdenum Crucible (not a liner)
20411-C	x		Type C, Thermocouple, W:5Re/W:26Re
20411-K	x		Type K, Thermocouple, Chromel/Alumel
20412	x		Heater Replacement Kit
20601		x	Custom Feedthrough 1.33" CF
20115-2	x		Vapor Shield, Molybdenum, Flat Top
20116		x	Vapor Shield, Tantalum, Flat Top
20117-2		x	Vapor Shield, Stainless Steel, Flat Top (for Selenium)
20302-1		x	Crucible Baffle, SS for Selenium
20302-2		x	Crucible Baffle, Tantalum
20415-CU	x		Set of 2 Copper Power Terminals
20415-SS		x	Set of 2 Stainless Steel Power Terminals (for Selenium)
20416	x		Ceramic Tube insulator, Thermocouple Post
20417	x		Ceramic Tube insulator, Set of 2 for Power Feeds
20418-C	x		Ceramic TC Plug, Type-C, Female, for furnace base
20418-K	x		Ceramic TC Plug, Type-K, Female, for furnace base
20419-C	x		Ceramic TC Plug, Type-C, Male
20419-K	x		Ceramic TC Plug, Type-K, Male
20511-2	x		Radiation Baffle, Flat Top
20515-2	x		Outer Furnace Cover, Flat Top
22514	x		External Spring
RADAK III	standard	custom	
31000 (-C or -K)	x		Radak III Vacuum Furnace, C or K-Type TC
31000-K-O	x		OLED III Vacuum Furnace, K-Type TC
31000-K-SE		x	OLED III Vacuum Furnace, K-Type, for Selenium Deposition
30300-1L	x		Crucible, Alumina, Lipped
30300-2	x		Crucible, Quartz
30300-3	x		Crucible, Pyrolytic Boron Nitride (double walled)
30300-3S		x	Crucible, Pyrolytic Boron Nitride (single walled)
30300-4	x		Crucible, Organic, Lipped
30300-5	x		Crucible, Arc Coated SS, lipped w/reduced aperture
30300-5C		x	Crucible, Arc Coated SS open aperture for use with baffle
30301-2	x		Molybdenum Crucible Liner, Tall (full capacity)
30302-1		x	Crucible Baffle, SS for Selenium, for use with 30300-5C
30302-2		x	Crucible Baffle, Tantalum, for use with 30300-5C
30411-C	x		Type C, Thermocouple, W:5Re/W:26Re
30411-K	x		Type K, Thermocouple, Chromel/Alumel
30412	x		Heater Replacement Kit
30115-2	x		Vapor Shield, Molybdenum, Flat Top
30116		x	Vapor Shield, Tantalum, Flat Top
30117-2		x	Vapor Shield, Stainless Steel, Flat Top (for Selenium)
30415-CU	x		Set of 2 Copper Power Terminals
30415-SS		x	Set of 2 Stainless Steel Power Terminals (for Selenium)
30416-I	x		Inner Ceramic Tube insulator, Thermocouple



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30416-O	x		Outer Ceramic Sleeve, Thermocouple
30417	x		Ceramic Tube insulator, Set of 2 for Power Feeds
30418-C	x		Ceramic TC Plug, Type-C, Female, for furnace base
30418-K	x		Ceramic TC Plug, Type-K, Female, for furnace base
30419-C	x		Ceramic TC Plug, Type-C, Male
30419-K	x		Ceramic TC Plug, Type-K, Male
30511-2	x		Radiation Baffle, Flat Top
30515-2	x		Outer Furnace Cover, Flat Top
32514	x		External Spring
RADAK IV	standard	custom	
41000		x	Radak IV Vacuum Furnace, Call for ordering options
40300-4		x	Crucible, Anodized Aluminum
40300-5		x	Crucible, Coated Stainless Steel
Controllers	standard	custom	
42010	x		<u>RADAK Power Controller //</u>
42015	x		<u>RADAK Power Controller //+</u>
43500		x	<u>RADAK Dual Controller</u>
42021	x		<u>Dual - 1 Pair of Rack Ears</u>
42022	x		<u>Single - 1 Rack Ear, 1 Rack Extension</u>
42015-2	x		<u>Wire Harness, Controller II+</u>



To customize a Radak Furnace with non-standard options, please use the order code below:

Custom Order Code							
Base Model#	Thermocouple	Radiation Baffle	Power Terminals	Spring	TC Plug	Vapor Shield	Crucible Included
11000	(-C) Type C	(-R) RADAK	(-Cu) Copper	(-E) External	(-H) Horizontal	(-Mo) Molybdenum	(-AA) Alumina
21000	(-K) Type K	(-O) OLED	(-SS) Stainless		(-V) Vertical	(-SS) Stainless	(-QZ) Quartz
31000		(-W) Water-Cooling	(-XCu) Extended Cu			(-Ta) Tantalum	(-CSS) Coated SS
41000			(-XSS) Extended SS			(-SMo) Screw-on Moly	(-OG) Organic
						(-SSS) Screw-on SS	(-PBN) PBN
<i>Example order code for standard Radak II:</i>					21000-C-R-Cu-E-H-Mo-AA		
<i>Example order code for customized Selenium-compatible Radak III:</i>					31000-K-R-XSS-E-V-SSS-CSS		

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