



# CRES-HX

## INLINE-HEAT EXCHANGER

### CLEAN | ULTRA PURE



**COMPACT | CLEAN | SANITARY**  
Economical Heat Exchanger reinvented

[WWW.INFINITYTHERMAL.COM](http://WWW.INFINITYTHERMAL.COM)



# CRES-HX

COMPACT-INLINE-CLEAN-ULTRA PURE

## HEAT EXCHANGER

**INFINITY FLUIDS CORP.** has refined the Shell and tube heat exchanger, giving the product flexibility never seen before in the industry. With the Infinity CRES-HX you can now install a miniature heat exchanger into your process and remove the tube bundle with a simple sanitary clamp/collar. This allows for inspection, cleaning, removal or swapping of bundles, giving you flexibility in your system which has not existed till now.

This patented technology is available for all of your clean plant heating or cooling operations. Direct heating, condensing or cooling for Pharmaceutical, Semi Conductor, Bio-Med.



### CRES-HX INLINE-HEAT EXCHANGER

- Compact
- Clean
- Sanitary

**Economical**  
Heat Exchanger reinvented



**CONTACT INFINITY** Infinity Thermal Corp (sales), 306 Sturbridge Rd, Charlton MA 01507 508.434.1600 Sales@InfinityThermal.com www.InfinityThermal.com



## THE NEW STANDARD IN STEAM HEATING

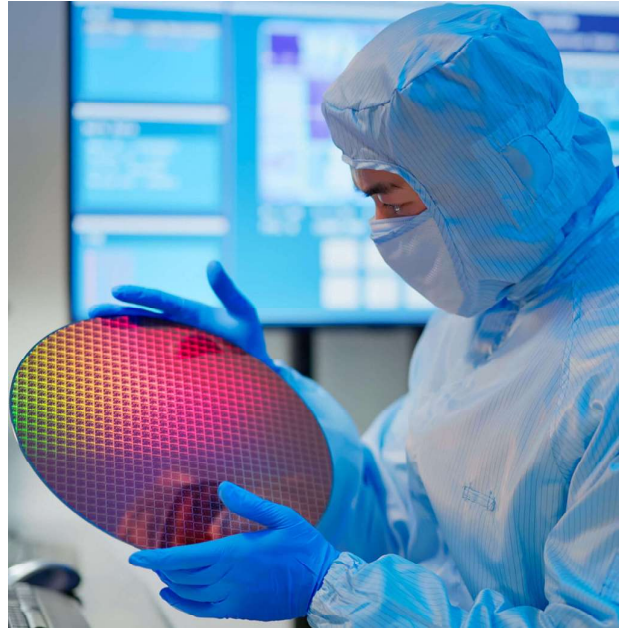


### CRES-HX INLINE-HEAT EXCHANGER

Compact-Inline-Clean-Ultra Pure

## BENEFITS AND FEATURES

- ✓ Ultra compact size and weight.
- ✓ No Media quality requirements: Ultra Pure-Municipal
- ✓ Clean and Pure exchangers allow for direct replacement to larger more expensive units.
- ✓ Significantly reduce the size of your equipment with our new technology, while decreasing the overall weight at the same time.
- ✓ No more wasting power with "Stand-by Idling".
- ✓ SAVE MONEY, the CRES-HX is typically 40-50% less expensive than customary Clean Heat Exchangers.
- ✓ Simple element removal for inspection and cleaning.



### SPECIFICATIONS

- ✓ Compact heaters from auxiliary to main heat loads.
- ✓ All SS construction standard.
- ✓ Process temperatures to 600° C (1200° F)
- ✓ Vacuum to Atmospheric to High operating pressures.
- ✓ Easily designed in or around new/existing processes.
- ✓ Optional Finishes, electro polished, passivated and bright annealed for pure applications.
- ✓ Custom sizing and designs for all processes.
- ✓ Optional type k t/c or 100Ω Plat RTD avail.
- ✓ Pressure, flow, float, temp controls available.
- ✓ All units capable of 100psig standard – 10kpsi custom

### APPLICATIONS

- ✓ Food Preparation Equipment.
- ✓ Semi Conductor/Pharmaceutical/Military/Etc.
- ✓ Steam Reformation/Steam Reform.
- ✓ Fuel Cell heating and preheating.
- ✓ Printing, cleaning, pharmaceutical, bio-tech, sterilization and plastics industries.
- ✓ Purification.
- ✓ Humidity Generation.
- ✓ Metal, poly and ceramic parts cleaning.



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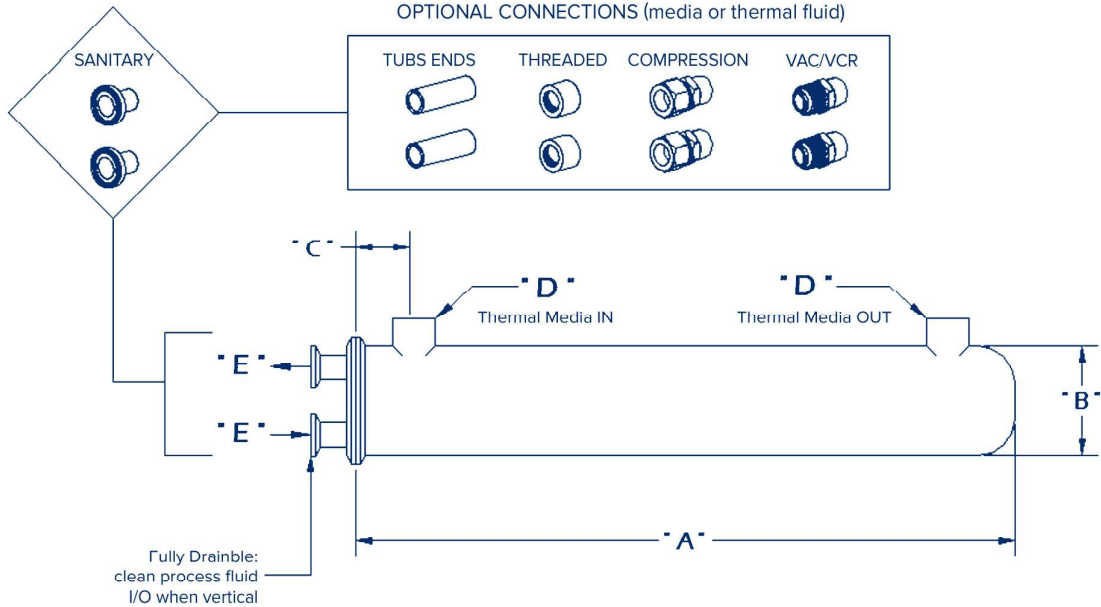
## CRES-HX

All CRES-HX Compact Heat Exchangers will provide the most space efficient, powerful solution for instant heating of all medias, Liquids, Gases, Solvents, Etc.

The CRES HX is the only product which can quickly and far more efficiently heat constant or intermittent steam supplies for you most demanding applications.



### STANDARD CONNECTION



**LARGER SIZES AVAILABLE, CONSULT FACTORY FOR DETAILS ON FULLY FUNCTIONAL POWER/TEMP/FLOW CONTROL SKIDDED OPTIONS.**



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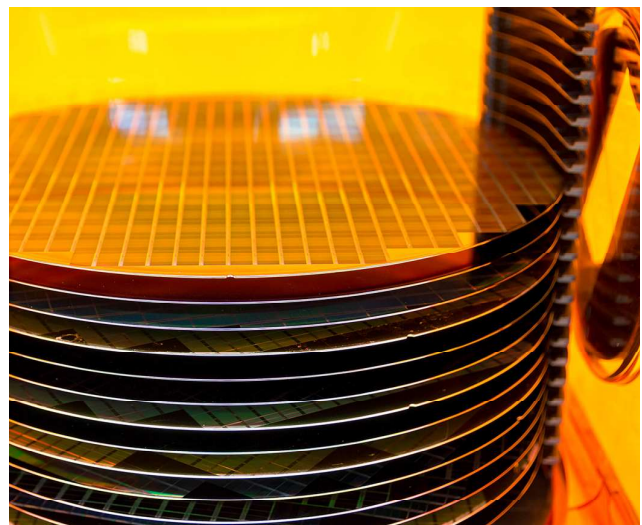
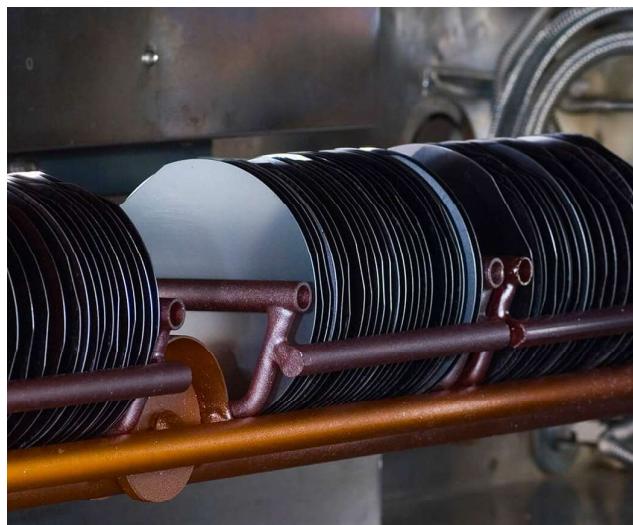


# CRES-HX

COMPACT-INLINE-CLEAN-ULTRA PURE

Model Number	A (in)	B (in)	C (in)	D (fnpt)	E (Sanitary)	Active Surface (SqFt)	Active Surface (Sqln)
CRES-HX-1812	12	2	1.5	½"	½"	1.2	173
CRES-HX-1825	16	2.5	1.5	¾"	½"	2.5	360
CRES-HX-1836	24	3	2	¾"	½"	3.6	518
CRES-HX-2516	18	3	2	¾"	½"	1.6	230
CRES-HX-2533	24	3	2	1"	½"	3.3	475
CRES-HX-2548	30	4	2	1"	1"	4.8	690
CRES-HX-2561	36	4	2.25	1¼"	1½"	6.1	878
CRES-HX-2576	40	4	2.25	1¼"	1½"	7.6	1094
CRES-HX-2591	44	4	2.25	1¼"	1½"	9.1	1310

- ✓ Most standard inlet/outlet fittings available
- ✓ Orientations can be modified to match process



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