

HRS K SERIES

MULTI-TUBE HEAT EXCHANGER



The HRS K Series is a complete stainless steel shell and tube design for industrial use. The product flows through the interior tubes and the media fluid flows through the surrounding shell. The K Series is an ideal heat exchanger for steam-to-water applications such as CIP heating. Using HRS corrugation technology, heat transfer and efficiency are increased over standard smooth tube heat exchangers. In addition, effects of fouling are minimized.

APPLICATIONS

Low-Medium Viscosity Fluids
CIP Heating

SURFACE FINISH

Exterior: Satin or Polished
Tube Side: Descaled

MATERIALS OF CONSTRUCTION

Shell Side: AISI 304/316L Stainless Steel
Tube Side: AISI 316L Stainless Steel

FEATURES

Bellow fitted to absorb differential expansion between shell and inner tubes

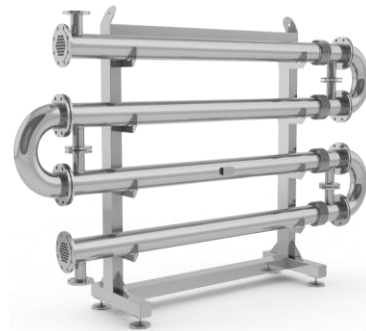
Multiple units can be interconnected and mounted in a frame

STANDARD CONNECTIONS

Shell Side: DIN Flange
Tube Side: Tubeplate-DIN Flange

STANDARD DESIGN CONDITIONS

Shell Side: 10 barg/365°F
Tube Side: 10 barg/365°F



RANGE

Models:	Lengths (ft)	Surface Area (sq ft)	Shell Side Connection	Tube Side Connection	Max Flow Shell (gpm)	Max Flow Tubes (gpm)	Volume Shell Side (gal)	Volume Tube Side (gal)
K 7 76/18	2 – 20	25	1½"	2½"	70	57	4	2
K 13 104/18	2 – 20	46	2½"	3"	176	106	7	4
K 19 129/18	2 – 20	68	3"	4"	242	154	12	6
K 37 168/18	2 – 20	133	3"	6"	242	295	19	12
K 55 219/18	2 – 20	198	5"	8"	572	440	34	17

The following lengths can be supplied: 2 / 3 / 5 / 6 / 10 / 20 ft
The surface area and volumes shown are for 20ft length models. Nozzle volumes are included.