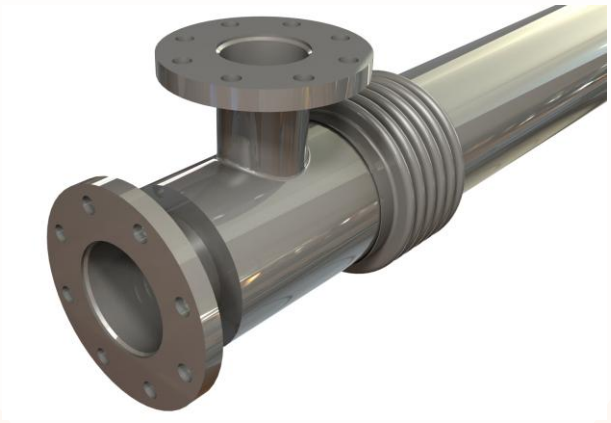
HRS DTI SERIES

INDUSTRIAL DOUBLE TUBE HEAT EXCHANGER



The HRS DTI Series is a complete stainless steel double tube design for industrial applications. Because of its geometry the DTI Series is a true counter current heat exchanger; the product flows through the inner tube and the media fluid flows through the surrounding shell. Using our corrugation technology, both heat transfer and efficiency are increased over standard smooth tube heat exchangers. In addition potential fouling is minimised.

APPLICATIONS

Fluids Containing Fibres or Particles
Low-High Viscosity Fluids

MATERIALS OF CONSTRUCTION

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

STANDARD CONNECTIONS

Shell Side: Flange
Tube Side: Flange

SURFACE FINISH

External: Matt
Product Side: Descaled

STANDARD DESIGN CONDITIONS

Shell Side: 10 barg/185º C
Tube Side: 10 barg/185º C

FEATURES

Corrugated tubes for increased heat transfer

Bellow fitted to absorb differential expansion between shell and tube

Multiple units can be interconnected and have the option of frame mounting, insulation and cladding in stainless steel

RANGE

Models:	Lengths (m)	Surface Area (m^2)	Shell Side Connection	Tube Side Connection	Max Flow Shell (m^3/hr)	Max Flow Tubes (m^3/hr)	Volume Shell Side (L)	Volume Tube Side (L)
DTI 51/25	3.0 – 6.0	0.4	DN40	DN15	13	4	8.2	2.5
DTI 64/38	3.0 – 6.0	0.6	DN40	DN25	17	10	10.3	5.7
DTI 76/51	3.0 – 6.0	0.9	DN40	DN40	18	18	14.1	11.0
DTI 104/64	3.0 – 6.0	1.1	DN65	DN50	43	29	29.7	16.9
DTI 104/76	3.0 – 6.0	1.3	DN65	DN65	33	41	21.5	24.8
DTI 129/104	3.0 – 6.0	1.8	DN80	DN80	37	77	26.0	46.4
DTI 168/129	3.0 – 6.0	2.4	DN100	DN100	55	120	45.4	73.6

The surface area and volumes shown are for 6.0 meter length models

UK Office
Tel: +44 (0)1923 232335
Fax: +44 (0)1923 230266

Spanish Office
Tel: +34 968 676 157
Fax: +34 968 676 166

www.hrs-heatexchangers.com
info@hrs-he.com