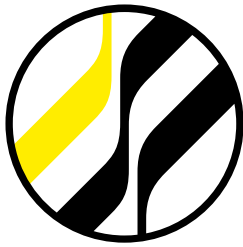


Kelvion



Kelvion ProEquip Tube H

COMPACT AND EFFICIENT SOLUTION FOR HEATING WATER



APPLICATION & BENEFITS

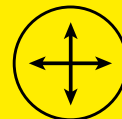
The **Kelvion ProEquip Tube H** is ideal for water heating and for the thermal treatment of caustic and acid solutions used during cleaning processes (CIP).

Its **compact modular design**, comprising an outer shell with a bundle of small tubes inside, makes it **easy to install and maintain**.

The Kelvion ProEquip Tube H comes in **various sizes**, which can be selected **to suit a wide range of applications**. Its **efficiency in heating** and its **resistance to pressure variations**, combined with a **long life cycle** makes it a **reliable solution** for your application.

With the latest technology, backed by decades of **experience in successful applications**, the Kelvion ProEquip Tube H heat exchange solution is the right choice to meet the highest standards of **hygiene, quality, cost efficiency, and reliability**.

ADVANTAGES



COMPACT AND EFFICIENT

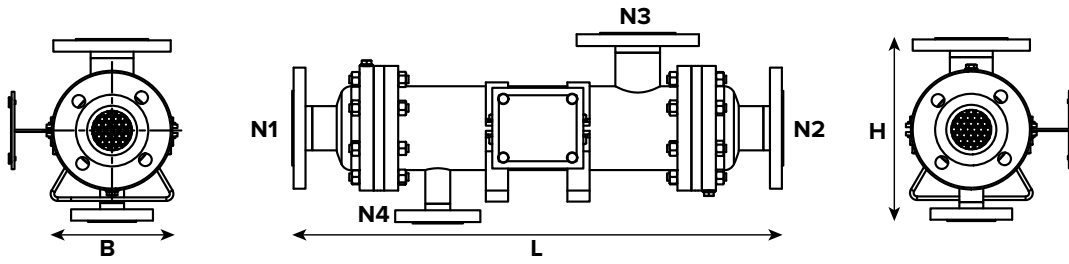


EASY TO ASSEMBLE AND INSTALL



LONG-TERM RELIABILITY

DIMENSIONS



TYPE	DIMENSIONS			WEIGHT	CONNECTIONS *		
	L [mm]	H [mm]	B [mm]	Empty [kg]	Product N1/N2	Steam N3	Condensate N4
H 100	663	260	170	42	DN 50	DN 50	DN 25
H 125	739	300	185	46	DN 65	DN 65	DN 25
H 150	820	350	220	60	DN 65	DN 100	DN 50
H 200	877	400	300	105	DN 100	DN 125	DN 50

* Loose flange acc. to DIN EN 1092-1 Type 02 PN10 (formerly DIN2642)

DESIGN

The Kelvion ProEquip Tube H is available in 4 different sizes. For greater flow rates and capacities, additional sizes are available upon request. Its compact design, consisting of a large number of small inner tubes located in the shell, makes it very efficient. Dismantling of the inner tube bundle can quickly be carried out from both ends. A double O-ring seals the bundle. The unlikely event of any leakage on the product side will be indicated by a detection device.

DESIGN TEMPERATURE

Inner tube: 170 °C | Shell: 200 °C

DESIGN PRESSURE

Inner tube: 16 bar g | Shell: 13 bar g

APPLICATION EXAMPLE

Heating from 70 °C to 85 °C using saturated steam of 6 bar abs. (158 °C)

MATERIAL

MATERIAL	INNER TUBES	SHELL	GASKET	FLANGES
AISI 316 Ti (1.4571)	<input checked="" type="checkbox"/>			
AISI 321 (1.4541)		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>
EPDM			<input checked="" type="checkbox"/>	
AFLAS®			<input checked="" type="checkbox"/>	

ACCESSORIES

- ▶ Insulation (mineral wool)
- ▶ Counter flanges

TECHNICAL DATA

TYPE	Steam flow [kg/h]	Steam pressure [bar]	Water flow min. [t/h]	Water flow max. [t/h]	Duty max. [kW]	Pressure drop water [kPa]
H 100	609	6	4	20	350	11
H 125	913	6	6	30	524	11
H 150	1340	6	10	44	769	11
H 200	1823	6	18	60	1048	9