



DAV·Coax



About Coax Family

DESCRIPTION

DAV COAX heat exchanger is a "tube in tube" type, consisting of spiral-wound concentric tubes, generally made of stainless steel.

This type of exchanger is positioned on the market between plate exchangers and shell and tube exchangers "Shell & tube". Cheaper than the latter, can withstand much higher pressures than first option.

This makes the DAV COAX usable in many applications, especially as evaporators or condensers of combustible gases, process or in refrigeration systems to produce either cold or hot water

(also with new HCFC refrigerants). Thanks to its shape, it can be easily housed inside refrigeration machines being possible, for example, to fit a liquid receiver or other components in the annular space inside the spiral.



ADVANTAGES

- High pressure
- Very compact
- Cheaper than shell & tube





Tube Range

D OUTHER TUBE (mm)	Coil diameter [mm] (tube lenght <= 6)						Coil diameter [mm] (tube lenght > 6 m)						
	200	400	600	800	1000	1200	300	500	700	1000	1300	1500	1800
21.3	x	x	x	x	x	x	x	x	x	x	x	x	x
26.9	x	x	x	x	x	x	x	x	x	x	x	x	x
33.7		x	x	x	x	x		x	x	x	x	x	x
42.4		x	x	x	x	x		x	x	x	x	x	x
48.3			x	x	x	x			x	x	x	x	x
60.3			x	x	x	x			x	x	x	x	x
76.1					x	x				x	x	x	x
88.9						x					x	x	x

Type of Tubes



1/ Coax
Single tube



2/ Coax
Multi-tubes

Materials

Tube Materials

Inox Aisi 304

Inox Aisi 316L

Inox Aisi 316Ti

Inox Aisi 321

Inox Aisi 309

Titanium

Nichel Alloy

*other options available on request

Smart Details



1/ Single tube



2/ Multi-tubes

Applications



Power



Oil
& Gas



Food &
Beverage



Chemical



Heavy
Industry



Farming &
Greenhouse



Naval



HVAC



Refrigeration



Transport



Depuration



Offshore
plants



DAVCOIL
HEAT EXCHANGERS

Dav Coil S.r.l.

Via dell'Artigianato, 11 - 37029 San Pietro In Cariano (VR)
T. + 39 045 6801199 - E. info@davcoil.com



DISCOVER OUR WEBSITE
www.davcoil.com