

# FINNED COIL TUBEBUNDLE INSIDE OR OUTSIDE INSTALLATION HEAT EXCHANGERS TYPE FC

In the series of exchangers type **FC** the tube bundle is made of an integral highfined single coppertube made up in a coil. This particular construction has extremely low waterconsumption and having the possibility of a free expansion this will allow good resistance to thermal stress.

## FC R and FC W

Finned coil with threaded connections (FC R) or flange support (FC W) to fix directly into the tank.

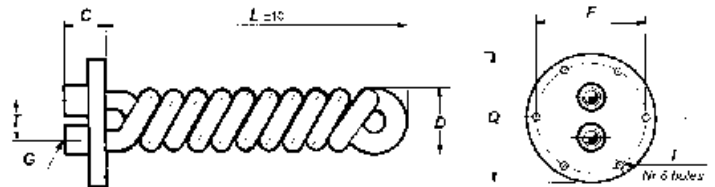
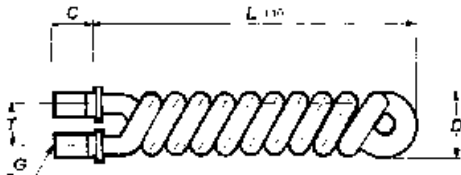
Note: the efficiency is strictly connected with inside tank oil turbulence.

## FC X

Finned coil with shell, for forced circulation, pull out bundle, and service outside tank.

## FC T

Finned coil with shell, for forced circulation to be fixed into the tank.



EXAMPLE OF PRODUCT CODE	
OLD	NEW
SPIRAX 301.6	FCR . 3016 . 000000

EXAMPLE OF PRODUCT CODE	
OLD	NEW
SPIRAX - W 301.6	FCW . 3016 . 000000

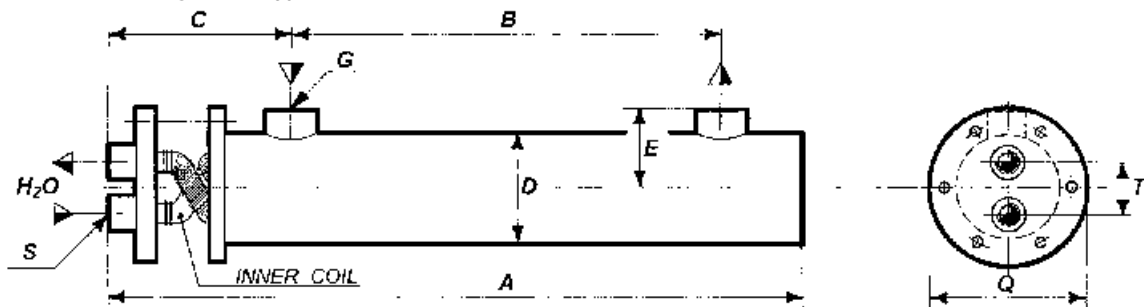
SIZE	L	D	T	G	C
3016	365	75	50	1/2" M	40
3020	625			3/4" M	50
4020	660	99			

SIZE	L	D	T	G	C	Q	F	I
3016	355	75	40	1/2" F	32	115	102	Ø 7
3020	640							
4020	650	99	45	3/4" F	40	145	130	Ø 9



EXAMPLE OF PRODUCT CODE	
OLD	NEW
FCO - 301.6	FCX . 3016 . 000000

PAINTING = RAL 5012



SIZE	A	B	C	D	E	Ø G	Ø S	T	Q
3016	485	375	70	83	60	1"	1/2"	40	115
3020	675	565	85	108	80	1 1/2"	3/4"	45	145

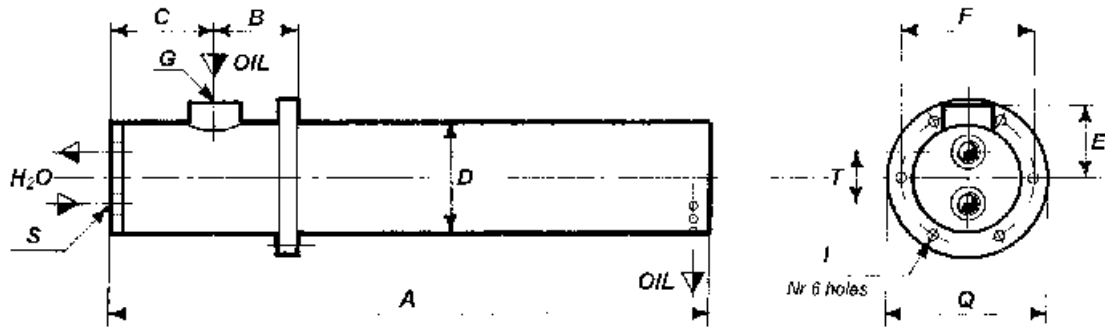
DESIGN TEMPERATURE	°C	99	99
DESIGN PRESSURE	Bar G	10	10
TEST PRESSURE	Bar G	13	13
DESIGN DATA	U.M.	SHELL	TUBES

# FINNED COIL TUBEBUNDLE INSIDE OR OUTSIDE INSTALLATION HEAT EXCHANGERS TYPE FC



EXAMPLE OF PRODUCT CODE	
OLD	NEW
FCI - 301.6	FCT . 3016 . 000000

PAINTING = RAL 5012



SIZE	A	B	C	D	E	F	Ø G	Ø S	T	I	Q
3016	450	45	52	83	60	102	1"	1/2"	40	Ø 7	115
3020	675	80									
4020	690	70	65	108	80	130	1 1/2"	3/4"	45	Ø 9	145

DESIGN TEMPERATURE	°C	99	99
DESIGN PRESSURE	Bar G	10	10
TEST PRESSURE	Bar G	13	13
DESIGN DATA	U.M.	SHELL	TUBES

**HEAT TRANSFER CURVES FC X - FC T** The curves are valides for hydraulic oil 4° E at 50 °C at medium temperature of 50 °C

- ① = t 15°C
  - ② = t 20°C
  - ③ = t 25°C
- ( T OIL out - t H<sub>2</sub>O in )

