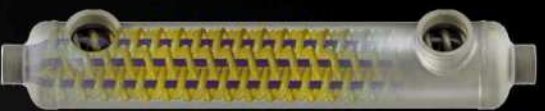


# pure titanium



*NEW from AIC - titanium shell and coil heat exchangers. This is the continuation of the standard TEE line - with ground-breaking design and revolutionary thermal technology. In response to market demands, we have launched TEE-W completely welded high grade titanium construction, able to withstand most aggressive environment applications. TEE-W has the same unique heating coil geometry, which raises the heat transfer coefficient and optimizes flow turbulence.*

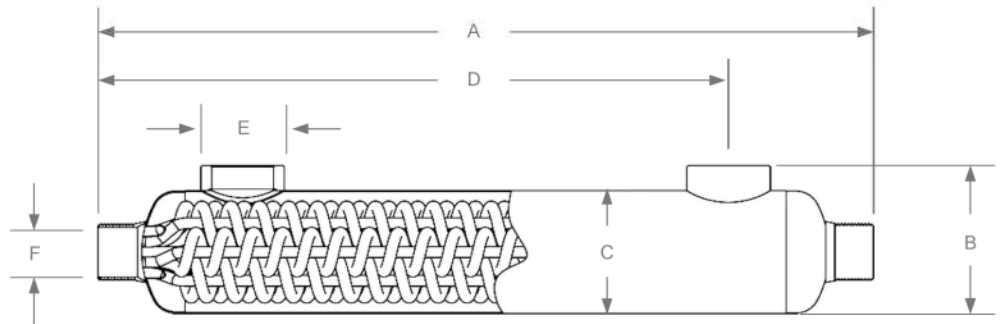


# Engineering Data

## Heat Exchanger Nominal Performance

Heat Exchanger Type	Nominal Capacity		Hot Water				Cold Water			
	kw	Btu/hr	l/min	USGPM	kPa	psig	l/min	USGPM	kPa	psig
TW-100Ti	29	98000	22	5.8	11	1.6	250	66	9	1.3
TW-200Ti	57	195000	30	7.9	28	4.1	300	80	16	2.3
TW-300Ti	87	298000	35	9.2	38	5.5	350	92	20	2.9
TW-400Ti	113	385000	40	10.6	65	9.4	400	106	25	3.6

Nominal values are based on 60°C (140°F) temperature between incoming heating and heated water



## Dimensions

Heat Exchanger Type	A		B		C		D		E	F
	mm	in	mm	in	mm	in	mm	in	size	size
TW-100Ti	340	13.39	107	4.21	89	3.50	248	9.74	1 1/2"	1 1/4"
TW-200Ti	539	21.22	107	4.21	89	3.50	444	17.48	1 1/2"	1 1/4"
TW-300Ti	766	30.16	107	4.21	89	3.50	672	26.46	1 1/2"	1 1/4"
TW-400Ti	914	35.98	107	4.21	89	3.50	823	32.38	1 1/2"	1 1/4"

At AIC we constantly strive to engineer, design, and develop new products for a changing marketplace, and we will continue our tradition of providing customers with unique solutions to their most demanding needs.

Our stringent quality processes and management systems fulfill and are certified to the requirement of ISO9001.



## Design Parameters

Shell side pressure	16 bar (232 psi)
Shell side temperature	90°C (194°F)
Tube side pressure	16 bar (232 psi)
Tube side temperature	90°C (194°F)

## Standard Materials

HELICAL COIL	Titanium
SHELL	Titanium



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