

DOUBLE COIL COOLER



◆ 상세설명

- Compact high efficiency heat exchangers for cooling high temperature, high pressure liquid or gas samples.
- 316SS coil is standard with rating to 1000°F at 5000psig. (540°C at 345 barg)
- Exotic materials such as Inconel, titanium and Hastelloy-C on the tube side and Monel cupronickel and SS on the shell side are available.

Cooling device patent registered product.

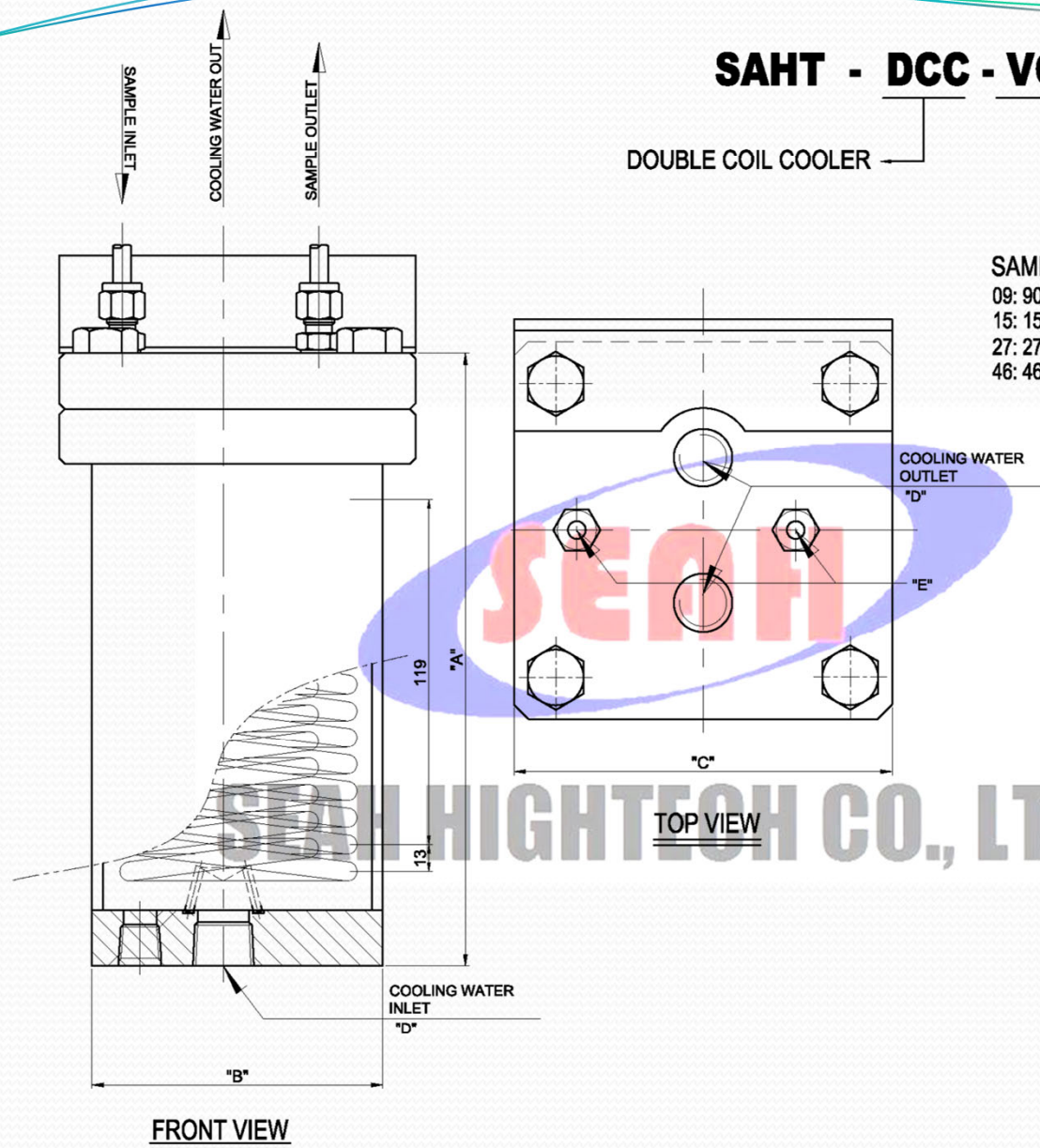
(Patent Number : 10-2476463)

◆ 사양 및 주문번호

Model	A	Specification	B	Specification	Remark
		Coil Volume		Body Material	
SAHT-DCC-A-B	9	90cc (1/4"Tube x 6m)	H : Hastelloy-C M : Monel S : 316SS		*Option - Sight Glass
	15	150cc (1/4"Tube x 10m)			
	27	270cc (3/8"Tube x 6m)			
	46	460cc (3/8"Tube x 10m)			

- 주) 1) 기본적인 냉각수 In/Out 전체 연결관 1/2" NPT(F)임
2) 특수한 사양도 주문 생산합니다.

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SAHT - DCC - VOLUME - MATERIAL - OPTION

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SAMPLE VOLUME

09: 90cc (1/4" Tube x 6m)
15: 150cc (1/4" Tube x 10m)
27: 270cc (3/8" Tube x 6m)
46: 460cc (3/8" Tube x 10m)

TUBE MATERIAL

S: SS316
M: MONEL ALLOY®
H: HASTELLOY®
I: INCONEL ALLOY®

OPTION

H: HEAT TREATMENT (SAMPLE LINE)
G: SIGHT GLASS (COOLING WATER SITE)
N.V: NEEDLE VALVE (COOLING WATER SITE)

DIMENSION CHART

MODEL	DIMENSION "A"	DIMENSION "B"	DIMENSION "C"	DIMENSION "D"	DIMENSION "E"
SAHT-DCC-09-S	220 ± 2 mm	ø 100 ± 0.5	ø 120 ± 0.5	1/2" F.NPT	1/4" TUBE
SAHT-DCC-15-S	330 ± 3 mm	ø 100 ± 0.5	ø 120 ± 0.5	1/2" F.NPT	1/4" TUBE
SAHT-DCC-27-S	260 ± 3 mm	ø 113 ± 0.5	ø 130 ± 0.5	3/4" F.NPT	3/8" TUBE
SAHT-DCC-46-S	380 ± 3 mm	ø 113 ± 0.5	ø 130 ± 0.5	3/4" F.NPT	3/8" TUBE

3	APPROVAL	Mar.29, 2023	J.S KANG	K.Y SON	D.H PARK
2	DIMENSION CHECK	May.8, 2019	J.S HONG	K.Y SON	D.H PARK
1	SAMPLE LINE SPACING	Sep.8, 2008	J.S YOUN	K.Y SON	D.H PARK
0	APPROVAL	Oct.16, 2004	J.S YOUN	K.Y SON	D.H PARK
REV.	DESCRIPTION	DATE	REV'D	CHECKED	APP'D



SEAH HIGHTECH CO.,LTD.
SEOUL, KOREA

TITLE

DOUBLE COIL COOLER

SCALE	NONE SCALE	DRAWN	DESIGN	CHECK	APPR.
PROJECTION	-	Jun-suk, KANG			
DATE	Mar.29, 2023				

DRAWING NO.

VP-SAHTP-DCC-1

REV.

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