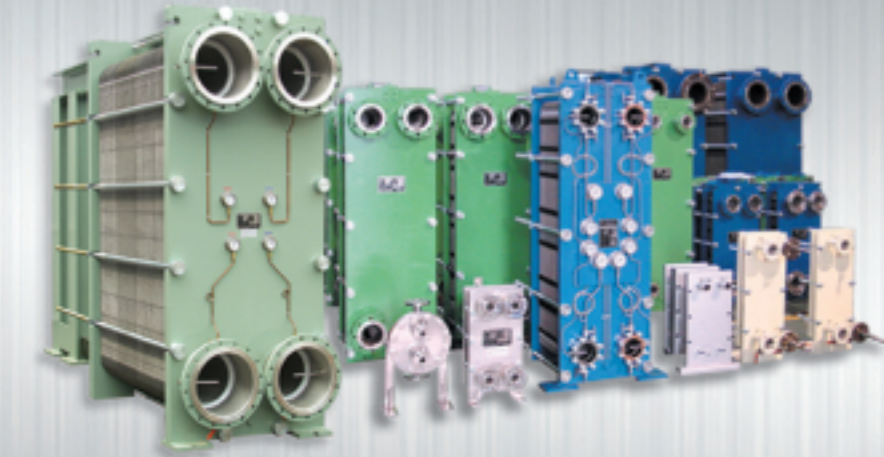


<http://www.daewon-phe.co.kr>
<http://www.dhpeng.com>

Plate

Heat Exchanger



DHP Engineering Co., Ltd.

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PLATE COIL

DHP's versatile, highly efficient prime surface heat exchanger replaces costly, unwieldy pipe coil, steam sparging or expensive resistance heating or cooling elements. DHP series for heating units are designed to uniformly deliver steam to all levels of the units through zoned headers as shown in the figure below.

High internal flow velocities of DPC & DPH heat exchangers provide effective heat transfer rates. Single and double embossed styles may be flat, bent or rolled as immersion heaters, banked for tanks, used in mixers, cryogenic shrouds, jacketed vessels, clamp on panels and variety of other configurations.



DPC Series DPH Series



TYPE	SIZE (mm)			Heat Trans.A. (m ² /Sheet)	NOZZLE (IN/OUT)inch	Remarks
	Width	Height	Flow R./ SH			
COOLING TYPE	DPC-	62	200	600	5.0m ³ /h	Variable
		65	550	600	"	
	DPC-	92	200	900	"	
		95	550	900	"	
	DPC-	122	200	1200	"	
		125	550	1200	"	
HEATING TYPE	DPC-	152	200	1500	"	
		155	550	1500	"	
	DPH-	62	200	600	"	
		65	550	600	"	
	DPH-	92	200	900	"	
		95	550	900	"	
	122	200	1200	"		
	125	550	1200	"		
	152	200	1500	"		
	155	550	1500	"		

REMARKS : PANEL COIL SIZE CAN VARY CUSTOMER'S REQUIREMENTS.
 MATERIALS : STS 304 ,304L ,STS 316 ,316L ,TITANIUM , HASTELLOY-B ,C ,AVESTA 254 SMO

DESIGN CONDITION

◆ LIQUID : LIQUID (HEATER OR COOLER)

DESCRIPTION	UNIT	HOT SIDE	COLD SIDE
FLUID NAME			
FLOW RATE	m ³ /hr or kg/hr		
TEMPERATURE	°C	IN → OUT	IN → OUT
MAX. PRES. DROP	kg/cm ²		
OPERATION PRES.	kg/cm ²		
SPECIFIC GRAVITY			
SPECIFIC HEAT			
THERM. CONDUCT.	mm		
VISCOSITY (C.P)			
NOZZLE DIAMETER			

◆ PLATE COIL DATA (HEATING OR COOLING)

DESCRIPTION	UNIT	HEATING 용	COOLING 용
FLUID NAME			
TANK CAPACITY	m ³ or kg		
TANK TEMPER.	± °C	± () °C	± () °C
COUNTER FLUID FLOW RATE		STEAM ()kg/cm ² or H.W ()kg/hr	C.W. or CHILLED WT ()kg/hr
REMARKS			

♣ If you give us your design data, we will suggest you the best solution for your needs.