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Perfect Replacement For THERMOWAVE Plate Heat Exchanger Plate

Heat transfer plates are characterized by optimum embossing, resulting in high heat transfer coefficients. Variable flow gaps can be generated as a result of the different types and angles of embossing. This permits optimum adaptation to the respective application conditions.

We can supply a large range of high quality heat exchanger plate for many brands These plates can be exchanged with original plates, and are already widely used in after service strictly control the production and strict delivery inspection. We strictly enforce the requirements of ISO9000, and strictly control every aspect of production, so that each heat exchanger plate has can be traced back.

NEW ROC supplies Thermowave heat exchanger plates replacements. We have now accumulated more than 10 types of Thermowave PHE plate mold.

NEW ROC supplies high quality plate heat exchanger spares, including plates replacement for plate and frame heat exchanger or gasketed plate heat exchanger.

The gaskets and plates are specified to fit most plate heat exchanger makes and models for replacement.

Standard Materials For PHE plate, the standard materials are 304 stainless steel, 316 Stainless Steel, Titanium, Hastelloy C276, SMO 254

NEW ROC plates replacement are suitable for the following plate heat exchanger brands

Alfa Laval Plates Sondex Plates

Vicarb Plates GEA Plates

Tranter Plates APV Plates

SWEP Plates Funke Plates

the standard materials

304 Stainless Steel

This is the lowest cost heat transfer plate material. It has a low corrosion resistance and is usually only available in a thickness of 0.4mm. This type of heat transfer plate is typically used on HVAC applications.

316 Stainless Steel

This is the most common heat transfer plate material and is used in many applications. 316 stainless steel has a high corrosion resistance and is typically available in thickness from 0.4mm up to 0.8mm.

Titanium

This has a very high resistance to chemical attack including most acids, chlorides, sea water, and chlorine chemicals. Titanium is usually available in thicknesses from 0.5mm up to 0.6mm

Hastelloy C276

Other common names: Alloy C276, Hastelloy C, Inconel® C-276 Hastelloy C-276 Hastelloy C276 is a nickel-molybdenum-chromium superalloy with an addition of tungsten designed to have excellent



corrosion resistance in a wide range of severe environments. Alloy C-276 is widely used in the most severe environments such as chemical processing, pollution control, pulp and paper production, industrial and municipal waste treatment, and recovery of sour natural gas. Thickness available from 0.6mm to 0.8mm.

SMO 254

Sandvik 254 SMO is a high-alloy austenitic stainless steel developed for use in seawater and other aggressive chloride-bearing media. Thickness available from 0.6mm to 0.8mm

Thermowave Model List as below.

Models	A=m m	B=m m	a=mm	b=mm	Corrugation depth	hole diameter
TL90SS			565	125		
TL90PP	721	244	565	125	2	Φ 43
TL150SS			825	125		
TL150PP	981	244	825	125	2	Φ 43
TL250SS	1014	438	774	256	3.8	Φ 107
TL250PP	1014	438	774	256	2.4	Φ 107
TL400SS	1384	369	1208	212	3.8	Φ 85
TL400PP			1207	212		
TL500SS	1496	438	1256	256	3.8	Φ 107
TL500PP	1496	438	1256	256	2.4	Φ 107
TL650SS	1496	586	1153	305	4	Φ 206
TL650PP			1153	305		

