

STRETCH YOUR PLATE,
 YOUR HEAT RECOVERY
 with
UX-30L

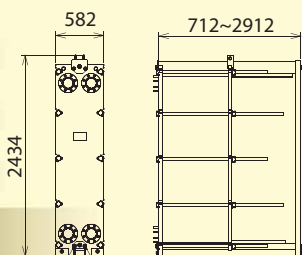


UX-30L

| | |
|--------------------------------|----------------------|
| Max. flow rate / unit | 285m ³ /h |
| Max. working pressure | 2.0MPa |
| Max. working temperature | 160°C |
| Max. heat transfer area / unit | 400m ² |
| Connection Dia. | 100A |

Plate Material:
 Stainless Steel 304, 316,
 316L, 315J1

Gasket Material:
 NBR, EPDM, IIR,
 and FPM (Viton)

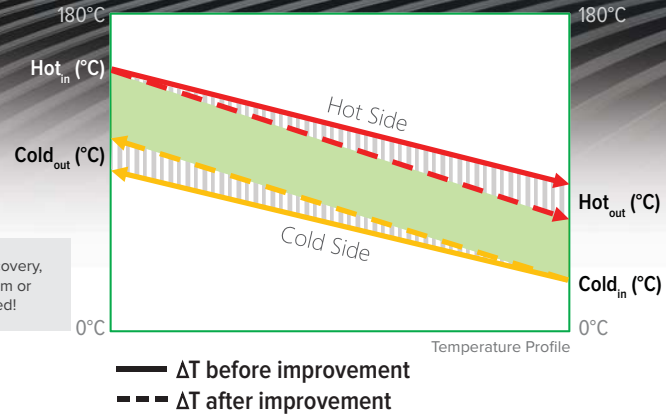


DESIGN BENEFITS

Enhance Energy Utilization

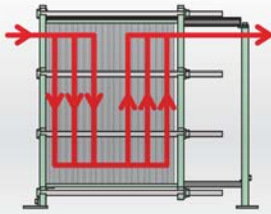
Improved thermal plate design of UX-30L has 2.3 times higher NTU value compared to previous model which significantly minimize energy consumption in the long run.

When applied for heat recovery, utility energy such as steam or hot water could be reduced!



Single-pass Arrangement

- Often, heat exchanger was sized in multi-pass arrangement when existing plate design could not meet high heat recovery demand.
- With latest UX-30L, same performance can be achieved by single-pass arrangement.



MULTI-PASS DESIGN



SINGLE-PASS DESIGN

Advantages:

- ✓ Uses lesser plates for same heat duty
- ✓ Reduce complication of piping works during installation
- ✓ Ease of maintenance

Optimize Plate Design

- UX-30L has 49% more surface area* which contribute to 28% number of plates reduction per unit of heat exchanger.
- Minimize fouling and clogging issue** when applied as heat recovery in oil or petrochemical application.

* Compared with UX-30

** Compared with high NTU plates

UX-30L Applications



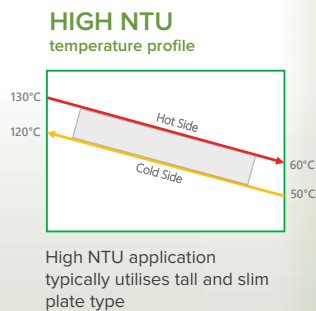
PETROCHEMICAL: AMINE HEAT RECOVERY



VEGETABLE OIL: ECONOMIZER

Do you know?

Why UX-30L has slim and tall plate?



The dimension of the plate has a direct impact on the temperature profile.

