



ZIEMEX Z-COMPACT - WELDED PLATE HEAT EXCHANGER



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SKU: 12417 | **Categories:** [Heat exchanger](#), [Plate heat exchanger](#)

PRODUCT DESCRIPTION

Manufacturer: Ziemex Processing Equipment

Year: 2024

Model: Z-compact

Serial number: 1403204

Type: Welded plate heat exchanger

Material: 1.4404 stainless steel (316L)

Fluid: Oil (circuit B) / Water (circuit A)

Circuit B volume: 59 L

Circuit A volume: 6 L

Permissible pressure: 0 to 6 bar

Permissible temperature: 0 to +200 °C (circuit B) / 0 to +110 °C (circuit A)

Test pressure: 9.5 bar (circuit B) / 8.7 bar (circuit A)

Fluid group L1G GR2

Heat exchange surface area: 4.2 m²

Unladen weight: 142 kg



The Z-compact® welded plate heat exchanger combines the thermal efficiency of a plate heat exchanger with the mechanical robustness of a shell-and-tube heat exchanger.

L'échangeur de chaleur à plaques soudées Z-compact® allie le rendement thermique d'un échangeur de chaleur à plaques à la robustesse mécanique d'un échangeur de chaleur à calandre et tubes.

Under equivalent operating conditions, the Z-compact® offers better heat transfer than a conventional tube-and-shell heat exchanger. Its heat transfer surface is more efficient and its pressure drops are lower.



