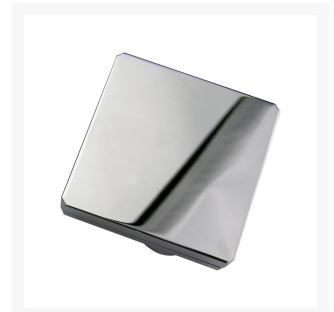




Koolance PLT-UN40F Cold Plate, 40mm x 40mm (1.57in x 1.57in)

\$78.49

Product Images



Short Description

PLT-UN40F is a high-efficiency, general-purpose cold plate for thermal applications such as TEC, LED, image sensor, and semiconductor cooling. The cooling area footprint is 40mm x 40mm (1.57in x 1.57in), and it utilizes a 0.5mm microfin internal structure.

Description

PLT-UN40F is a high-efficiency, general-purpose cold plate for thermal applications such as TEC, LED, image sensor, and semiconductor cooling. The cooling area footprint is 40mm x 40mm (1.57in x 1.57in), and it utilizes a 0.5mm microfin internal structure.

One loose steel bracket is included, designed for easy fabrication and modification (see dimensions under the "Files" tab). The included bracket accommodates diagonal mounting hole distances from approximately 60mm to 88mm (2.36in to 3.46in).

Cold plate materials include copper, a brass top, anti-corrosive nickel plating, and EPDM o-ring. Threaded for G 1/4 BSPP fittings.

Specifications

Cold Plates

Flow Resistance @ 5LPM (10-13mm ID) 0.07 kgf/cm² (1.0psi)

Thermal Resistance @ 5LPM (Approx.) 0.044°C/W

General

Weight 0.34 lb (0.15 kg)

Max Pressure @ 25°C 8kgf/cm² (113.8psi)

Max Temperature 100°C (212°F)

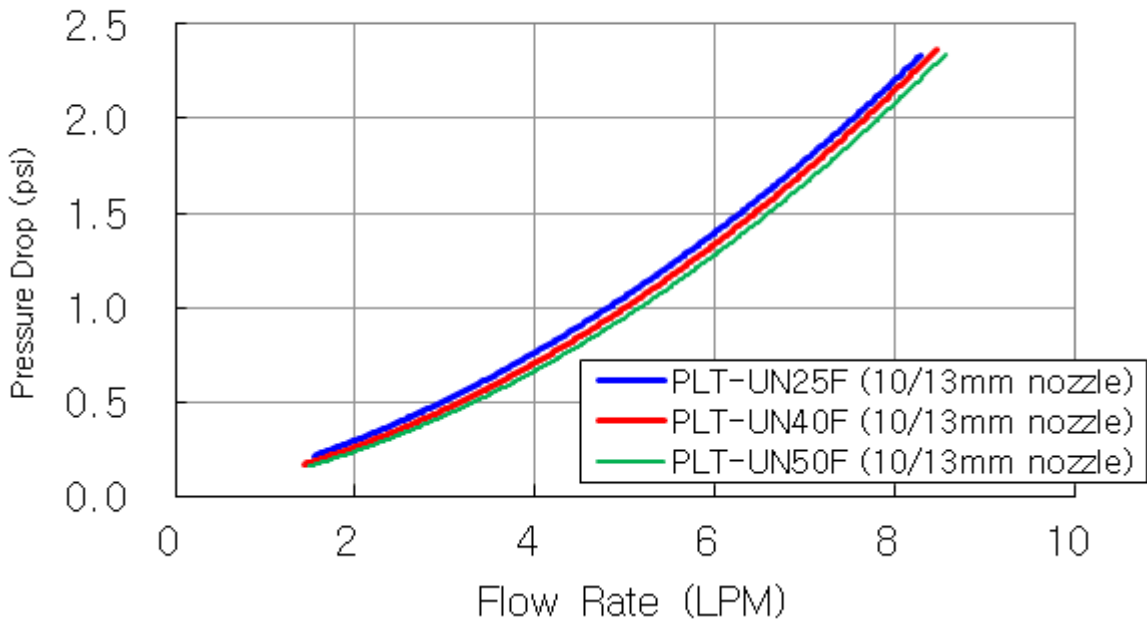
Materials

Wetted Materials Nickel-Plated Copper, Nickel-Plated Brass, EPDM

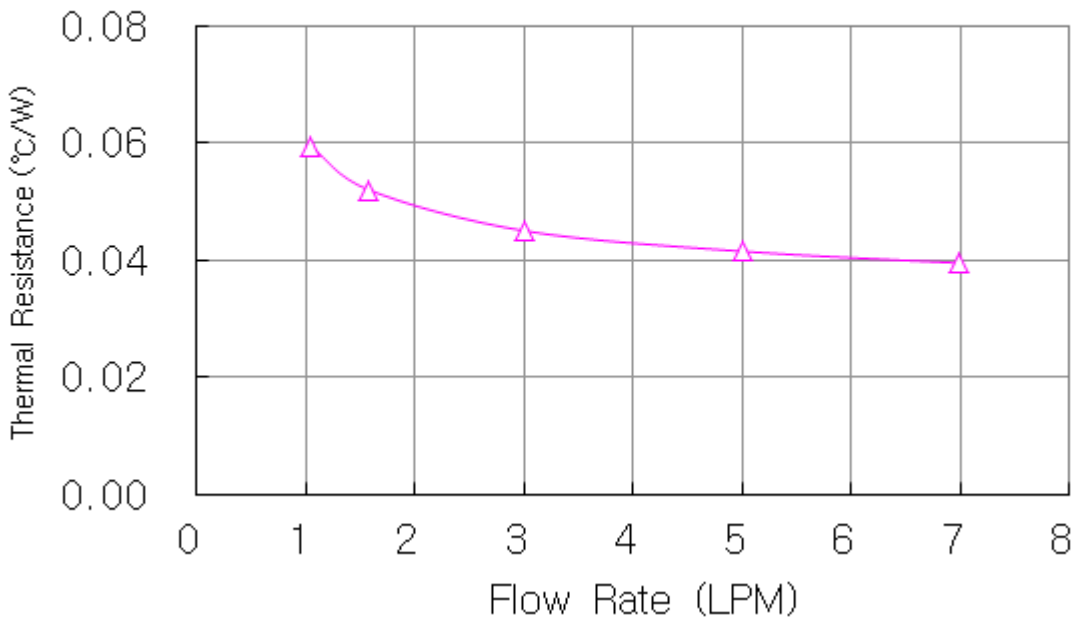
Dimensions

Diagrams / Models (See Files for Diagrams and 3D Models)

PLT-UNxxF



PLT-UN40F



Additional Information

Brand	Koolance
SKU	PLT-UN40F
Weight	0.8000
Color	Silver
Block Style	Nickel

