

## Insulated Cold Plate PF01

**P**F01 cold plate is dedicated to the cooling of power semi conductors (circular IGBT type, GTO). It provides high thermal performance versus its small size.

It offers the possibility to put components on both sides of the cold block, in a press-pack configuration. Electrical isolation is integrated inside the plate.

PF01 cold plate works with glycoled water and can be directly connected to customer's cooling circuit.



Power	2 000 W
Cooling fluid	Ethanol
Working temperature	-40°C to +80°C
Block	Copper
Water flow	2 to 7 l/mn, pressure drop < 1,5bar
Rth	17°C/kW with water T° at 60°C
Electrical isolation	Up to 12 kV at 50 Hz / 1 min

A = 169 mm  
B = 235 mm  
C = 70 mm  
D = 115 mm  
E = 90 mm  
F = 21 mm

