

Compact manifolds 280/181, thermally isolated, 8 nozzles with 300 mm nozzle separation, 6 bar, 110 °C

Article number: 4205675



Features

Type	280/181
Material	S 235 JR
Number of generator circuits	1 St.
Number of consumer circuits	3 St.
Number of connecting pieces	8 St.
Operating temperature	-10 °C - 110 °C
Operating pressure	0 bar - 6 bar
Connection type	Flange
Max. connections, generator circuit	to DN125
Max. connections, consumer circuit	to DN100
Max. volume flow	42.0 m³/h
Output at ΔT 20 °K	980.00 kW
Chamber size	280/181
Length	2400 mm
Wall thickness	6.0 mm
Connection separation (axis separation of the outlets on the manifold)	300 mm
Weight in kg/m	53.9 kg/lfdm

Description

Combined flow and return manifold, comprising rectangular tube with adjoining chambers divided by sinusoidal dividing walls and 20 mm thick air layer made from black steel sheet S235. The air layer reduces the heat conduction between the flow and return chambers.

Enables a space-saving and clear layout of the respective heating or cooling circuits. Connection nozzles designed as threaded or flanged nozzles and aligned at the height of the shut-off valves. Draining sleeves for flow and return chambers are fitted as standard.

The component is checked for 100% leak-tightness and primed in the factory.