

OH102 AIR COOLED CONDENSERS

OSTROV air cooled condensers are used as a part of refrigeration systems for technological processes and air conditioning at industrial factories as well as for equipping cold stores and freezing rooms.

One or two rows of fans Ø 500 or 630 mm.
Two noise levels.
Refrigerant: R404A, R134a, R507A, R407C

Total amount of condenser variants: 80 models.

Condenser capacity range: from 5 to 320 kW.

Ambient temperature range: from -40 to +40 °C.



Condenser description

The condensers are completely manufactured at the factory and tested for strength and leaks. During delivery the condenser is filled with high purity nitrogen up to excess conservation pressure. EU Declaration of Conformity – www.ostrovcomplete.com.

Basic components

Heat exchanger with optimal proportions consists of copper tubes with internal finning, high-efficient aluminium fins and has sufficient rigidity, resisting environmental climatic factors.
Fans of 500 and 630 mm diameter with profiled blades provide high efficiency and low power consumption; the fans are equipped with motor thermal protection and a terminal box with IP 54 protection rating. Depending on condenser model, the fans can be connected to star or delta networks 1Ph~230V~50Hz or 3Ph~400V~50Hz.

Condenser casing is made of galvanized steel, covered with enamel and has high corrosion resistance.
Mountings for vertical installation of condenser.

Options

Installation and mounting

Option L1: mountings for horizontal installation of condenser;
Option L2: antivibration mountings.
Power supply
Option P1: terminal box.

Technical documentation

Operating manual, product passport, certificate.

Label structure

OH102 - 2 x 2 63 S 3 A - B 21 XX...X
1 2 3 4 5 6 7 8 9 10

- 1 – OSTROV heat exchanger series;
- 2 – number of fan rows (not marked – one row, 2 – two rows);
- 3 – number of fans in a row;
- 4 – fan diameter, cm (50, 63);
- 5 – noise level (S, Q);

- 6 – number of fan motor phases (1, 3);
- 7 – motor type (A - AC, E - EC);
- 8 – coil size (A, B, C, D);
- 9 – fin spacing (2.1 mm);
- 10 – additional options.