

OH103 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.

Intended for vertical and horizontal installation.
Single or double row of axial fans.
Fan diameter 800 mm.
Refrigerant: R404A, R134a, R507A, R407C

Total amount of condenser variants: 36 models.

Condenser capacity range: from 51 to 1215 kW.
Ambient temperature range: from -40 to +40 °C.



Condenser description

These condensers are completely manufactured at the factory and tested for strength and leaks. They are supplied with high purity nitrogen protective charge. EU Declaration of Conformity – www.ostrovcomplete.com.

Basic components

Heat exchanger with optimal proportions consists of copper tubes with internal finning, high efficient aluminium louvered fins and has sufficient rigidity.
Axial fans with a diameter of 800 mm provide high efficiency and low power consumption due to aerodynamic design of the blades; the fans are equipped with motor thermal protection and a terminal box with IP 54 protection rating. Depending on condenser model, these fans can be connected to star or delta networks 3φ~400V~50Hz.

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

Options

Installation and mounting

Option L1: mountings for vertical installation of condenser;
Option L2: antivibration mountings.

Power supply

Option P1: terminal box;
Option P2: control cabinet with power controls.

Technical documentation

Operating manual, product passport.

Label structure

OH103 - **2** x **2 80 S 3 A** - **A**
1 2 3 4 5 6 7 8

1 – Product line;
2 – Number of fan rows (2 – double row, not indicated - single row).
3 – Number of fans (fan couples);
4 – Fan diameter, cm (80);

5 – Noise level;
6 – Supply voltage (3 – 3Ph-400V-50Hz, 1 – 1Ph-230V-50Hz);
7 – Fan type (A – AC, E – EC);
8 – Coil size (A, B, C).