Oras is a significant developer, manufacturer and marketer of kitchen and bathroom faucets. Ever since the company's founding in 1945 in Rauma, Finland, Oras has been dedicated to bring products of high quality and design with user-friendly technological solutions Occupational Health and Safety to the markets. Each technological improvement is designed to contribute to water and energy savings. As early as in the 1990s, Oras presented the touchless, electronic faucets to the European HVAC markets. Oras' vision is to become the true owner of the electronic faucet markets in Europe.

Oras is entirely owned by a family company Oras Invest, All Oras faucets are produced in Europe, in the company's two factories located in Rauma, Finland and in Olesno, Poland. Likewise the raw material and the components used in production are sourced from European suppliers. For more information, visit www.oras.com

Det Norske Veritas Certification OY/AB certifies that the Quality Management System of Oras Oy in Rauma Finland, conforms to the ISO 9001, the Environmental Management System to the ISO 14001 standard and the System to the OHSAS 18001 standard. The certificates are valid for development, manufacture, marketing, sales and after sales services of faucets, accessories and valves.

The TÜV CERT Certification Body of TÜV NORD Zertifizierungs- und Umweltgutachter Gesellschaft mbH certifies that the Quality Management System of Oras Olesno Sp. z o.o. in Olesno Poland, conforms to the ISO 9001, the **Environmental Management** System to the ISO 14001 standard and the Occupational Health and Safety System to the OHSAS 18001 standard. The certificates are valid for manufacture, storage, marketing, sales and after sales services of faucets, valves and accessories.











Installation and Maintenance Guide

Cold water faucets

ORAS GROUP

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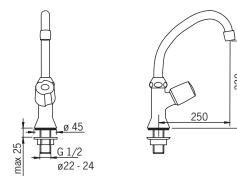
www.oras.com





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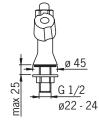
EN 200 II (ISO 3822) Oras lab. 50 - 1000 kPa 0.27 l/s (300 kPa) 165 kPa (0.2 l/s)





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EN 200 I (ISO 3822) Oras lab. 50 - 1000 kPa 0.05 l/s (300 kPa) (with flow controller)

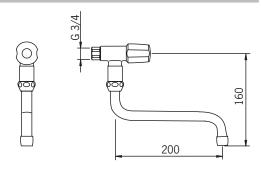






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EN 200 I (ISO 3822) Oras lab. 50 - 1000 kPa 0.23 l/s (300 kPa) 60 kPa (0.1 l/s)







Installation

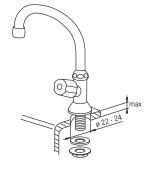
CZ Montáž **DE** Montage **DK**Installation **EE** Paigaldus

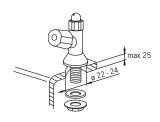
ES Montaje

FI Asennus FR Installation **IT** Montaggio **LT** Montavimas

PL Instalacja

LV Montāža **NL** Installatie **NO** Montering **RO**Instalare **RU** Установка **SE** Installation **SK** Inštalácia





Spare parts

CZ Náhradní díly **DE** Ersatzteile

DKReservedele

EE Varuosad

ES Piezas de recambio

FI Varaosat **LV** Rezerves dalas **FR** Pièces détachées **NL** Reserve-onderdelen NO Reservedeler **IT** Pezzi di ricambio

LT Atsarginės dalys **PL** Części zamienne **RO**Piese de schimb **RU** Запасные части **SE** Reservdelar **SK** Náhradné diely

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