



PRO 400CV-HR

High Rejection and automatic flushing. PRO 400CV-HR is suitable for clinics, laboratories and humidification systems due to its extremely high water quality.



TECHNICAL PROPERTIES

PURIFICATION

| | |
|---------------|--|
| Technology | SuperiorOsmosis™ |
| Prefiltration | Particle and Granulated Activated Carbon |

EUROPE

| | |
|-----------------------|---------------------|
| Product number | 919240165 |
| Voltage | 230V~ 50/60 Hz |
| Power consumption [W] | 530 |
| Plug type | Grounded European/F |

US

| | |
|--------------------------|---------------------|
| Product number | 919240154 |
| Voltage | 120V~ 60 Hz |
| Power consumption [Amps] | 6 |
| Plug type | Grounded American/B |

DIMENSION WxDxH

| | |
|--------------|-----------------------------------|
| Product | 225x460x466 mm/8.9x18.1x18.3 inch |
| Installation | 245x480x486 mm/9.7x18.9x19.1 inch |

WEIGHT

| | |
|---------------|--------------|
| Packed weight | 29 kg/64 lbs |
|---------------|--------------|

ACTIVATION TYPE

| | |
|---------------------|-----------------------|
| Pressure controlled | (On/Off, 3/4.5 [bar]) |
|---------------------|-----------------------|

FAUCET

Faucet is not included, but available to be ordered. Customized faucets must be suitable for RO-water.

FEATURES

| | |
|---|-----|
| Low pressure protection stop | Yes |
| Low pressure protection automatic restart | Yes |
| Run time meter | Yes |
| Water quality indicator | Yes |
| Water quality alarm | Yes |
| Water quality stop | Yes |
| Suitable for brackish water | No |

FEATURES

| | |
|--------------------------------------|-----|
| Clean water rinse valve | Yes |
| Compatible with water fed appliances | Yes |

RECOVERY RATE

| | |
|--------------|------------|
| At 15°C/59°F | 70% (± 5%) |
| At 25°C/77°F | 75% (± 5%) |

FLOW RATE

| | |
|---------|---|
| At 15°C | 4 (±0,4) [liters/min]/1.05 (±0.10) [USGAL/min] |
| At 25°C | 4,5 (±0,5) [liters/min]/1.19 (±0.12) [USGAL/min]* |

**At high water temperatures, the flow can vary between products of the same model.

REQUIREMENTS OF INLET WATER

| | |
|-----------------------------|--------------------------|
| Pressure [Bar/MPa/Psi] | 2-10/0.2-1.0/29-145 |
| Flow [l/min] | >10 |
| TDS [mg/l] | <1500 |
| Conductivity [µS/cm, 25 °C] | <2000 |
| Temperature | 2-30 [°C] / 35.6-95 [°F] |
| Hardness [°dH] | <10 |
| Iron (Fe2+) [mg/l] | <1.5 |
| Iron (Fe3+) [mg/l] | <0.3 |
| Turbidity [FNU] | <0.5 |

REDUCTION PERFORMANCE

PRO has been tested according to the NSF 372 standard procedure and have the following results:

| | |
|----------------------|-------|
| Salt reduction [TDS] | 98% |
| Lead | 99.7% |
| Chromium (III) | 99.5% |
| Arsenic (V) | 99.3% |

MAINTENANCE

| | |
|---------------------------------------|-------------|
| Sediment prefilter | 4-6 months |
| Granulated Activated Carbon prefilter | 4-6 months |
| High Rejection membrane | 4-6 years** |

**Replacement intervals will depend on the quality of the inlet water, pollution and on actual operation hours.