

# APRO-3000 (Monoblock Series)

Fully automatic high-efficiency **stackable** RO system

## Key Benefits:

- Plug & Play: easy installation and start-up
- Fully automatic operation by smart controller
- Can be connected into a multiarray of up to 8 Monoblocks, operated by master controller
- Low-cost maintenance: high recovery, extended membrane lifespan, reduced energy consumption



## Delivery set:

- |                                                         |       |                                               |       |
|---------------------------------------------------------|-------|-----------------------------------------------|-------|
| • GROSS 20" prefilter housing                           | 3 pc. | • High-frequency concentrate discharge system | ✓     |
| • B520-PP5 (polypropylene 5 micron) prefilter cartridge | 3 pc. | • Permeate flow & conductivity transmitters   | ✓     |
| • Smart controller                                      | 1 pc. | • Feed pressure & conductivity transmitters   | ✓     |
| • GRUNDFOS feed pump                                    | 1 pc. | • Pump flow & pressure transmitters           | ✓     |
| • GRUNDFOS recirculation pump                           | 1 pc. | • Antiscalant dosing system                   | 1 pc. |
| • XLP-8040 membrane                                     | 3 pc. | • Antiscalant low level switch                | ✓     |

## Optional equipment

- |                    |                  |           |
|--------------------|------------------|-----------|
| • RO supply system | • GSM/GPRS modem | • CIP set |
|--------------------|------------------|-----------|

|                                |                        |
|--------------------------------|------------------------|
| Permeate capacity, liters/hour | 3000                   |
| Max. TDS, ppm                  | 2000                   |
| Power, kW                      | 2,7                    |
| System recovery, %             | up to 95               |
| Operating pressure, bar        | 7-10                   |
| Power supply                   | three-phase 400V, 50Hz |
| Skid materials                 | coated carbon steel    |
| Piping materials               | PVC                    |
| Dimensions (LXWXH), mm         | 3700 x 840 x 1160      |

# APRO-4000 (Monoblock Series)

Fully automatic high-efficiency **stackable** RO system

## Key Benefits:

- Plug & Play: easy installation and start-up
- Fully automatic operation by smart controller
- Can be connected into a multiarray of up to 8 Monoblocks, operated by master controller
- Low-cost maintenance: high recovery, extended membrane lifespan, reduced energy consumption



## Delivery set:

- |                                                         |       |                                               |       |
|---------------------------------------------------------|-------|-----------------------------------------------|-------|
| • GROSS 20" prefilter housing                           | 3 pc. | • High-frequency concentrate discharge system | ✓     |
| • B520-PP5 (polypropylene 5 micron) prefilter cartridge | 3 pc. | • Permeate flow & conductivity transmitters   | ✓     |
| • Smart controller                                      | 1 pc. | • Feed pressure & conductivity transmitters   | ✓     |
| • GRUNDFOS feed pump                                    | 1 pc. | • Pump flow & pressure transmitters           | ✓     |
| • GRUNDFOS recirculation pump                           | 1 pc. | • Antiscalant dosing system                   | 1 pc. |
| • XLP-8040 membrane                                     | 4 pc. | • Antiscalant low level switch                | ✓     |

## Optional equipment

- |                    |                  |           |
|--------------------|------------------|-----------|
| • RO supply system | • GSM/GPRS modem | • CIP set |
|--------------------|------------------|-----------|

|                                |                        |
|--------------------------------|------------------------|
| Permeate capacity, liters/hour | 4000                   |
| Max. TDS, ppm                  | 2000                   |
| Power, kW                      | 3,7                    |
| System recovery, %             | up to 95               |
| Operating pressure, bar        | 7-10                   |
| Power supply                   | three-phase 400V, 50Hz |
| Skid materials                 | coated carbon steel    |
| Piping materials               | PVC                    |
| Dimensions (LXWXH), mm         | 2700 x 840 x 1160      |

# APRO-6000 (Monoblock Series)

Fully automatic high-efficiency **stackable** RO system

## Key Benefits:

- Plug & Play: easy installation and start-up
- Fully automatic operation by smart controller
- Can be connected into a multiarray of up to 8 Monoblocks, operated by master controller
- Low-cost maintenance: high recovery, extended membrane lifespan, reduced energy consumption



## Delivery set:

- |                                                         |       |                                               |       |
|---------------------------------------------------------|-------|-----------------------------------------------|-------|
| • GROSS 20" prefilter housing                           | 3 pc. | • High-frequency concentrate discharge system | ✓     |
| • B520-PP5 (polypropylene 5 micron) prefilter cartridge | 3 pc. | • Permeate flow & conductivity transmitters   | ✓     |
| • Smart controller                                      | 1 pc. | • Feed pressure & conductivity transmitters   | ✓     |
| • GRUNDFOS feed pump                                    | 1 pc. | • Pump flow & pressure transmitters           | ✓     |
| • GRUNDFOS recirculation pump                           | 1 pc. | • Antiscalant dosing system                   | 1 pc. |
| • XLP-8040 membrane                                     | 6 pc. | • Antiscalant low level switch                | ✓     |

## Optional equipment

- |                    |                  |           |
|--------------------|------------------|-----------|
| • RO supply system | • GSM/GPRS modem | • CIP set |
|--------------------|------------------|-----------|

|                                |                        |
|--------------------------------|------------------------|
| Permeate capacity, liters/hour | 6000                   |
| Max. TDS, ppm                  | 2000                   |
| Power, kW                      | 3,7                    |
| System recovery, %             | up to 95               |
| Operating pressure, bar        | 7-10                   |
| Power supply                   | three-phase 400V, 50Hz |
| Skid materials                 | coated carbon steel    |
| Piping materials               | PVC                    |
| Dimensions (LXWXH), mm         | 2700 x 840 x 1160      |