Don’t be Afraid of the Water

Condair RO-A
Reverse Osmosis Water Treatment System

Humidification and Evaporative Cooling
Condair: Your Water Experts

Reverse osmosis (RO), is an effective and economic method of removing unwanted minerals from water. The Condair RO-A system has been developed specifically to provide operation, energy and maintenance benefits to Condair and other humidifiers. By removing the minerals from a humidifier’s supply water, any scale buildup in the system is virtually eliminated. This results in a much lower level of required maintenance in all types of humidifiers, as well as reduced energy consumption in steam humidifiers due to reduced unit draining.

### Condair RO-A

| Permeate (L/h) @ 5°C and 2 bar (41°F and 29 PSI) | 40 (255 gpd) | 100 (635 gpd) | 200 (1270 gpd) | 300 (1900 gpd) |
| Permeate (L/h) @ 15°C and 2 bar (59°F and 29 PSI) | 70 (445 gpd) | 140 (890 gpd) | 300 (1900 gpd) | 400 (2535 gpd) |
| Max permeate flow/day (m³/d) | 1.68 | 3.36 | 7.2 | 9.6 |
| Tank size L (gal) | 18 (4.75) | 18 (4.75) | 132 (35) | 132 (35) |

- Recovery hard water: 50%
- Recovery softened water: 70%
- Inlet pressure: 1.5-6 bar (21.8-87.0 PSI)
- Water temperature: 5-20°C (41-68°F)
- Salt rejection rate: 95-98%
- Power supply: 120 V / 1 ~ / 60 Hz
- Power consumption (W): 600

### System Characteristics

- Reduction of scale and other minerals down to 1-3%.
- Maximal flexibility – complete standalone device or separate components for the configuration of complex individual solutions.
- Perfect integration in systems with Condair RS humidifiers.

### Additional Options

- Pre-Filtration
- Operation / Fault Indicator
- BMS Connection
- Water Softener
- Carbon Filter
- Touch screen display

The RO-A can be easily integrated with the Condair RS humidifiers which features the Integrated Controller and controlled directly from the humidifier itself; allowing for more simplistic operation. The system can also be controlled independently using a remote controller and paired with any Condair isothermal humidifiers or simply where reverse osmosis water is required.