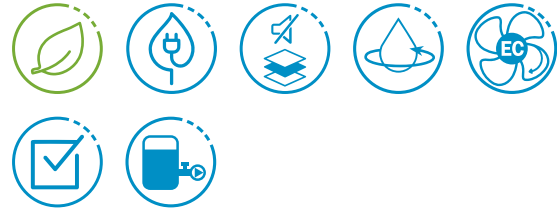
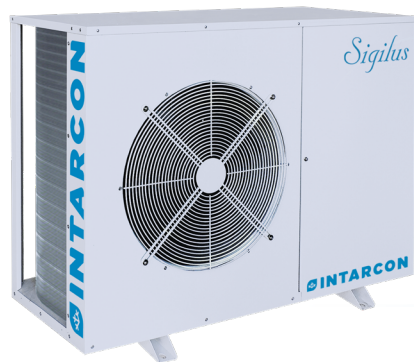


Dry-cooler with built-in hydraulic group



Dry-coolers with built-in hydraulic group, in a low-noise construction, designed for heat dissipation of the refrigeration equipment condensation waterloop.

FEATURES

| | |
|--|---|
| EC axial motor fans (except CWF-0 and 1). | ■ |
| High efficiency water coils with copper pipes and aluminium fins. | ■ |
| Hydraulic group with variable flow electronic pump, expansion tank, security valve, filter, thermomanometers and auto-fill valve included. | ■ |
| Threaded hydraulic connections. | ■ |
| Electric power panel with protection of hydraulic pump, fan motor and frequency variator. | ■ |
| Water coil anti-corrosion polyurethane coating. | □ |
| Coil protection grille. 0 up to 4 series: 6 up to 8 series: | □ |

■ As standard □ Optional

Electronic control

Waterloop dry-coolers incorporate an electronic control with the next functions:

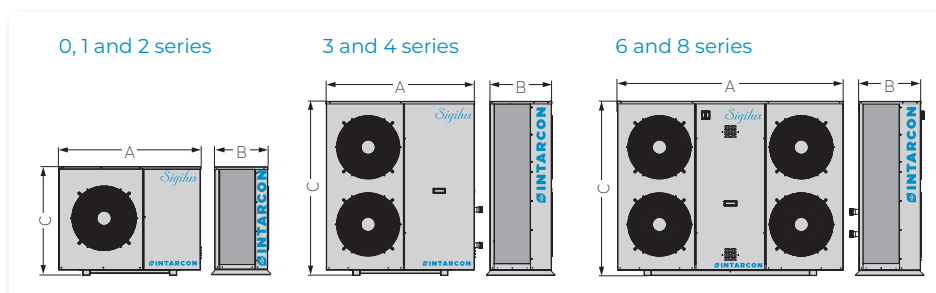
- Variation of the water pump flow adapting to the demand, depending on the impulsion pressure (except 0-1 series).
- Waterloop temperature control by fan speed variation, with floating set-point.
- Frost protection.

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230V I+N ~ 50Hz | Positive temperature | Water

| Series / Model | Power supply | Flow control | Exchange capacity (W) ⁽¹⁾ | Air flow (m³/h) | Fan (N x Ø mm) | Water flow (litre/hour) | Input power (kW) | Max. current (A) | Pressure drop (kPa) ⁽²⁾ | Hydraulic connection | Weight (kg) | SPL dB(A) ⁽³⁾ | Price (€) |
|---------------------|-----------------|--------------|--------------------------------------|-----------------|----------------|-------------------------|------------------|------------------|------------------------------------|----------------------|-------------|--------------------------|-----------|
| WATER CWF-0A | 230V I+N ~ 50Hz | Constant | 3 000 | 1 700 | 1x Ø 360 | 500 | 0,14 | 1,1 | 100 | 3/4" | 76 | 30 | |
| CWF-1A | 230V I+N ~ 50Hz | Constant | 4 700 | 3 200 | 1x Ø 450 | 750 | 0,22 | 1,8 | 100 | 3/4" | 79 | 26 | |
| CWF-2A | 230V I+N ~ 50Hz | Variable | 6 000 | 3 700 | 1x Ø 450 | 1 000 | 0,24 | 2,0 | 100 | 1" | 81 | 26 | |
| CWF-3A | 230V I+N ~ 50Hz | Variable | 10 000 | 6 500 | 2x Ø 450 | 1 500 | 0,44 | 3,6 | 100 | 1" | 101 | 29 | |
| CWF-4A | 230V I+N ~ 50Hz | Variable | 12 000 | 7 000 | 2x Ø 450 | 2 000 | 0,48 | 3,9 | 100 | 1 1/4" | 113 | 29 | |
| CWF-6A | 230V I+N ~ 50Hz | Variable | 20 000 | 13 000 | 4x Ø 450 | 3 000 | 0,88 | 7,0 | 100 | 1 1/2" | 160 | 32 | |
| CWF-8A | 230V I+N ~ 50Hz | Variable | 24 000 | 14 000 | 4x Ø 450 | 4 000 | 0,96 | 7,5 | 100 | 1 1/2" | 185 | 32 | |

DIMENSIONS



⁽¹⁾ Estimated heat exchange power with air temperature of 35 °C, and water inlet / outlet temperature of 45 / 40 °C.

⁽²⁾ Available circuit pressure.

⁽³⁾ Condenser sound pressure level, with directivity 1, measured at 10 m from the unit (non-binding value calculated from sound power).

| Dimensions (mm) | A | B | C |
|-----------------|-------|-----|-------|
| 0 and 1 series | 1 030 | 380 | 577 |
| 2 series | 1 080 | 410 | 827 |
| 3 series | 1 150 | 481 | 1 097 |
| 4 series | 1 150 | 481 | 1 347 |
| 6 series | 1 748 | 481 | 1 097 |
| 8 series | 1 748 | 481 | 1 347 |

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