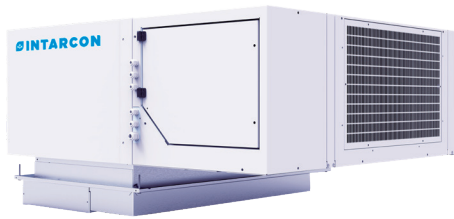


intartop PRO



New range of R-290 self-contained slim monoblock designed by and for technicians. For small and medium refrigeration and conservation cold rooms. Units for ceiling panel installation.

FEATURES

| | |
|--|-------------------------------------|
| R-290 refrigerant load. | <input checked="" type="checkbox"/> |
| Refrigeration circuit independent per compressor. | <input checked="" type="checkbox"/> |
| Hermetic reciprocating compressors mounted on rails to reduce vibrations. | <input checked="" type="checkbox"/> |
| Condensing coil in microchannel with polyester paint treatment. | <input checked="" type="checkbox"/> |
| AC evaporator fans, and EC condenser fans. | <input checked="" type="checkbox"/> |
| High pressure switch. | <input checked="" type="checkbox"/> |
| Removable stainless steel drain pan for cleaning and stainless steel coil. | <input checked="" type="checkbox"/> |
| Washable suction screen filtering mesh. | <input checked="" type="checkbox"/> |
| Drainage resistance in self-regulating LT models. | <input checked="" type="checkbox"/> |
| Tampón desmontable con parte fija, para paso de tubos y cableado de 80 mm. | <input checked="" type="checkbox"/> |
| Access to electrical panel with hinged register. | <input checked="" type="checkbox"/> |
| Hot gas defrosting. | <input checked="" type="checkbox"/> |
| Thermostatic expansion valve. | <input checked="" type="checkbox"/> |
| Aluminum plates covered with film for protection during transport in evaporator. | <input checked="" type="checkbox"/> |
| Multifunction electronic regulation with remote control and halogen-free supply connection (5m). | <input checked="" type="checkbox"/> |
| Cold room LED light. | <input checked="" type="checkbox"/> |
| EC radial fan. | <input type="checkbox"/> |
| Vertical impulsion. | <input type="checkbox"/> |
| Bi-temperature adaption. | <input type="checkbox"/> |
| Male and female schuko electrical connector base. | <input type="checkbox"/> |
| Low voltage protection single-phase models. | <input type="checkbox"/> |
| Low voltage and phase sequence protection three-phase models. | <input type="checkbox"/> |
| Change to 230V 50 Hz power supply in three-phase models. | <input type="checkbox"/> |
| Condensation by water. Input range +5 °C / +50 °C. | <input type="checkbox"/> |
| Condensation by water in the range -10 °C / +5 °C (solo en modelos de BT). | <input type="checkbox"/> |
| Drain resistance(for room temperature < 0 °C in PT models) | <input type="checkbox"/> |

As standard Optional

Installation scheme



Adaptation to different ceiling thicknesses

The new compact commercial for ceiling panel installation units are supplied with a separate evaporator fan box and can be mounted telescopically, thus adapting to ceiling panels from 80 to 150 mm thick.

Electronic control

intartop PRO units incorporates as standar the advanced XM670K electronic control.



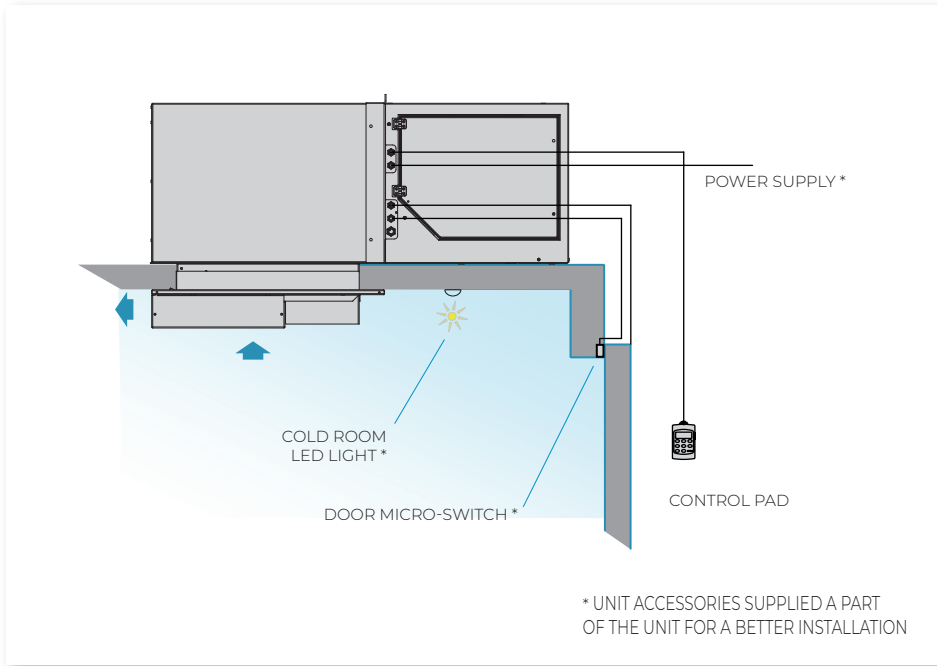
- ▶ Remote control keyboard with digital display.
- ▶ Temperature control with maximum and minimum temperature recording.
- ▶ Possibility of interconnection and synchronization of up to 8 devices by LAN, managed from a single control.

Accessories CR-NPD units

The accessories are supplied a part for the unit for a better installation on site:

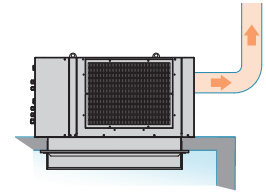
- ▶ Hopper for adaptation to circular duct.
- ▶ Air suction kit.
- ▶ Non-return damper.
- ▶ Door micro-switch.

INSTALLATION SCHEME



Radial fan optional

intertop units with optional radial fans feature a centrifugal motor fan with Available Static Pressure of 10 mmca, to duct hot condensation airflow outdoors.



Easy installation

The evaporator is delivered in a separate package from the condensing part, which facilitates the assembly of the unit in the cold room.

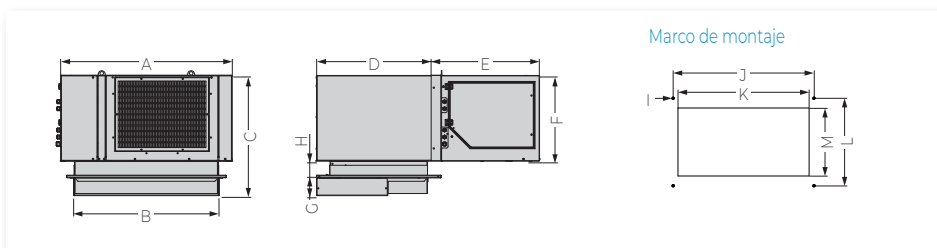
230V / 400V 50Hz | Positive temperature | Hermetic compressor | R-290

| Refrigerant | Series / Model | Compressor | | PCooling capacity / Cold room volume, according to cold room temperature ⁽¹⁾ | | | | | | Input power (W) | Max. current (A) | Evap. air flow (m³/h) | Conden. air flow [Opt. radial] (m³/h) | Refrigerant load per circuit (g) ⁽²⁾ | Weight (kg) | SPL dB(A) ⁽³⁾ | Price (€) |
|-------------|----------------|------------|--------------|---|----|-------|----|-------|-----|-----------------|------------------|-----------------------|---------------------------------------|---|-------------|--------------------------|-----------|
| | | HP | Power supply | 0 °C | | 5 °C | | 10 °C | | | | | | | | | |
| R-290 | MCR-NPD-1008A | 1/3 | 230V | 713 | 5 | 864 | 10 | 1008 | 17 | 600 | 4,1 | 950 | 1 450 | <150 | 82 | 46 | |
| | MCR-NPD-1012A | 1/2 | 230V | 1 010 | 9 | 1185 | 15 | 1392 | 26 | 770 | 6,5 | 950 | 1 450 | <150 | 82 | 46 | |
| | MCR-NPD-1018A | 3/4 | 230V | 1 223 | 12 | 1 454 | 20 | 1 715 | 33 | 900 | 5,8 | 950 | 1 450 | <150 | 86 | 46 | |
| | MCR-NPD-2026A | 1 | 230V | 1 788 | 19 | 2 176 | 33 | 2 644 | 57 | 1 230 | 11,9 | 1 350 | 1 600 | <150 | 117 | 44 | |
| | MCR-NPD-2034A | 1 | 230V | 2 204 | 26 | 2 694 | 44 | 3 226 | 73 | 1 610 | 15,5 | 1 350 | 1 600 | <150 | 117 | 45 | |
| | MCR-NPD-2035A | 2x 3/4 | 230V | 2 452 | 29 | 2 894 | 48 | 3 372 | 77 | 1 620 | 11,8 | 1 350 | 1 600 | <150 | 125 | 44 | |
| | MCR-NPD-3052A | 2x1 | 400V * | 3 432 | 45 | 4 204 | 76 | 4 978 | 140 | 2 450 | 9,3 | 2 800 | 3 000 | <150 | 164 | 47 | |
| | MCR-NPD-3069A | 2x1 | 400V * | 4 230 | 58 | 5 098 | 95 | 6 026 | 175 | 3 220 | 12,9 | 2 800 | 3 000 | <150 | 164 | 48 | |

230V / 400V 50Hz | Negative temperature | Hermetic compressor | R-290

| Refrigerant | Series / Model | Compressor | | Cooling capacity / Cold room volume, according to cold room temperature ⁽¹⁾ | | | | | | Input power (W) | Max. current (A) | Evap. air flow (m³/h) | Conden. air flow [Opt. radial] (m³/h) | Refrigerant load per circuit (g) ⁽²⁾ | Weight (kg) | SPL dB(A) ⁽³⁾ | Price (€) |
|-------------|----------------|------------|--------------|--|----|--------|----|--------|----|-----------------|------------------|-----------------------|---------------------------------------|---|-------------|--------------------------|-----------|
| | | HP | Power supply | -25 °C | | -20 °C | | -15 °C | | | | | | | | | |
| R-290 | BCR-NPD-1018A | 3/4 | 230V | 475 | 1 | 588 | 3 | 730 | 6 | 750 | 5,8 | 950 | 1 450 | <150 g | 86 | 46 | |
| | BCR-NPD-2026A | 3/4 | 230V | 705 | 3 | 886 | 6 | 1100 | 12 | 1 040 | 8,9 | 1 350 | 1 600 | <150 g | 117 | 44 | |
| | BCR-NPD-2034A | 3/4 | 230V | 951 | 6 | 1 173 | 10 | 1 433 | 18 | 1 280 | 10,8 | 1 350 | 1 600 | <150 g | 117 | 44 | |
| | BCR-NPD-3052A | 2x1 1/4 | 230V | 1 360 | 11 | 1 734 | 20 | 2 120 | 33 | 2 070 | 18,3 | 2 800 | 3 000 | <150 g | 164 | 47 | |
| | BCR-NPD-3054A | 1 | 230V | 1 293 | 10 | 1 678 | 19 | 2 139 | 33 | 1 790 | 18,1 | 2 800 | 3 000 | <150 g | 150 | 48 | |
| | BCR-NPD-3068A | 1 1/4 | 400V * | 1 576 | 17 | 2 038 | 30 | 2 604 | 47 | 2 240 | 8,9 | 2 800 | 3 000 | <150 g | 150 | 48 | |
| | BCR-NPD-3069A | 2x1 1/2 | 400V * | 1 778 | 14 | 2 254 | 26 | 2 720 | 44 | 2 460 | 11,9 | 2 800 | 3 000 | <150 g | 164 | 47 | |

DIMENSIONS



| Dimensions (mm) | A | B | C | D | E | F | G | H | I | J | K | L | M |
|-----------------|-------|-------|-----|-----|-----|-----|-----|--------------|----------|-------|-------|-----|-----|
| 1 series | 677 | 532 | 687 | 647 | 498 | 490 | 117 | 80 up to 150 | 4 x Ø 13 | 580 | 535 | 615 | 503 |
| 2 series | 977 | 832 | 687 | 712 | 563 | 490 | 117 | 80 up to 150 | 4 x Ø 13 | 880 | 835 | 680 | 568 |
| 3 series | 1 227 | 1 082 | 687 | 712 | 563 | 490 | 117 | 80 up to 150 | 4 x Ø 13 | 1 130 | 1 085 | 680 | 568 |

⁽¹⁾ Nominal performances refer to operation with cold room temperatures of 0 °C (PT) and -20 °C (NT), ambient temperature of 35 °C. Estimated cold room volume according to conditions of the calculation bases (page 12).

⁽²⁾ A3 refrigerant charge less than 0.5 kg, units exempt from the International Electrotechnical Committee (IEC 60335).

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

* 230V 50 Hz available model.

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