

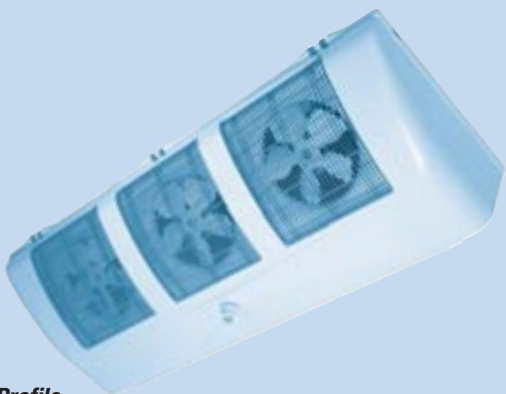
MINI FJORD

The MINIFJORD low capacity, split system range with 6 positive models and 3 negative models, covers the cooling requirements for cold rooms from 3 to 110 m³.



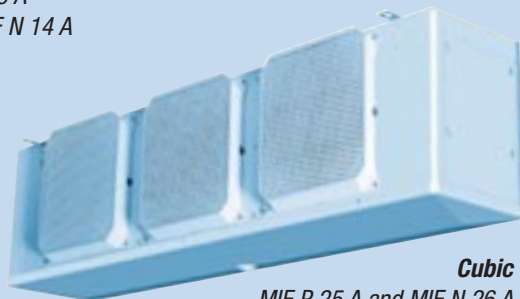
Optional features

| | |
|------------|--|
| KHE | Magnetic lighting kit with door switch (not fitted) |
| CAC | Additional crankcase heater |
| KRE | Drain line heater (not fitted) |
| RPC | HP switch control on/off (not fitted) |
| RPE | 2.4 dm ³ receiver + LP pressure switch + solenoid valve |
| SEC | Main switch |
| RES | 4 litres receiver for P 25A and N 26A models |
| CEV | Water-cooled condenser + valve |
| ECC | Packing crate |



Low Profile

MIF P 3 A to MIF P 13 A
and MIF N 8 A to MIF N 14 A



Cubic

MIF P 25 A and MIF N 26 A

Description

CONDENSING UNIT

- Frame and casing made of pre-lacquered metal sheet for an outdoor application (on a wall or on the ground).
- HP pressure switch for MIF P 7A and MIF N 14A.
- Copper/aluminium condenser coil with 230 V single-phase or 400 V 3-phase fan - 1,500 r.p.m.
- Liquid line with receiver-dryer and hygroscopic sight glass.
- Pump down regulation with LP pressure switch and solenoid valve on MIF P 25A and MIF N 26A.
- Service valves (with 1/4 access valves) (inlet/outlet) outside the casing.
- Electrical box IP 537 with 1 electrical switchboard to standard CEI 439-1 and conform to APAVE requirements, passage of electrical cables via packing glands, pre-wired enclosure with plant and unit protection devices.
 - Pre-filled with R404A.
 - Circuit breaker and solenoid valve as standard for P 25A and N 26A models.

CONTROL

- Electronic regulation.
- Defrost control (air or electric).
- Lighting control.
- Display and transfer of alarms.
- An additional programmable contact (door open, person inside enclosure safety switch...).
- Built-in forced operation for fast cooling or freezing.

UNIT COOLER

- ABS material casing (up to MIF P 13A and MIF N 14A models). Other units made of white painted steel sheet.
- Fin spacing 4.23 mm and copper/aluminium coil.
- Premounted large operating range expansion valve.
- Defrosting heater sensor (S2), and defrost termination.
- Pre-filled with Nitrogen.

Split Systems



TECHNICAL DATA

AIR DROST

| Models | SPLIT SYSTEMS | | CONDENSING UNITS | | | | | UNIT COOLERS | | | |
|------------|---------------------------|--------------------------------------|-----------------------|--------------|----------------------------------|--------------------------|----------------------------|--------------|----------------------------------|---------------------|--------------------------|
| | Capacity +4°C W (a) | Room volume m ³ (b) | Voltage 50 Hz V | Compr. CV | Air flow m ³ /h | Input power W max. | Input current A max. | No x Ø mm | Air flow m ³ /h | Input power W | Input curr. A max. |
| MIF P 3 A | 790 | 3 | 230/1 | 3/8 | 350 | 591 | 3.40 | 2 x 200 | 460 | 76 | 0.66 |
| MIF P 5 A | 1230 | 6 | 230/1 | 1/2 | 350 | 789 | 3.85 | 2 x 200 | 430 | 76 | 0.66 |
| MIF P 7 A | 1840 | 9 | 230/1 | 3/4 | 700 | 1122 | 5.70 | 2 x 200 | 650 | 76 | 0.48 |
| MIF P 10 A | 2100 | 14 | 230/1 | 1 | 700 | 1282 | 6.60 | 2 x 200 | 580 | 76 | 0.48 |
| MIF P 13 A | 2180 | 22 | 400/3+N | 1 1/4 | 850 | 1425 | 4.60 | 3 x 200 | 870 | 114 | 0.72 |
| MIF P 25 A | 4650 | 35 | 400/3+N | 2.3 | 2500 | 3200 | 5.50 | 2 x 300 | 2076 | 290 | 1.30 |

TECHNICAL DATA

ELECTRIC DROST

| Models | SPLIT SYSTEMS | | CONDENSING UNITS | | | | | UNIT COOLERS | | | |
|-------------|--------------------------|--------------------------------------|-----------------------|--------------|----------------------------------|--------------------------|----------------------------|--------------|----------------------------------|---------------------|----------------------------|
| | Capacity 0°C W (a) | Room volume m ³ (b) | Voltage 50 Hz V | Compr. CV | Air flow m ³ /h | Input power W max. | Input current A max. | No x Ø mm | Air flow m ³ /h | Input power W | Input current A max. |
| MIF P 3 AD | 640 | 2 | 230/1 | 3/8 | 350 | 591 | 3.40 | 2 x 200 | 460 | 406 | 2.10 |
| MIF P 5 AD | 1000 | 4 | 230/1 | 1/2 | 350 | 789 | 3.85 | 2 x 200 | 430 | 406 | 2.10 |
| MIF P 7 AD | 1460 | 7 | 230/1 | 3/4 | 700 | 1122 | 5.70 | 2 x 200 | 650 | 806 | 3.80 |
| MIF P 10 AD | 1680 | 9 | 230/1 | 1 | 700 | 1282 | 6.60 | 2 x 200 | 580 | 806 | 3.80 |
| MIF P 13 AD | 1780 | 17 | 400/3+N | 1 1/4 | 850 | 1425 | 4.60 | 3 x 200 | 870 | 1314 | 6.22 |
| MIF P 25 AD | 3720 | 30 | 400/3+N | 2.3 | 2500 | 3200 | 5.50 | 2 x 300 | 2076 | 1250 | 5.50 |

KITS & OPTIONS

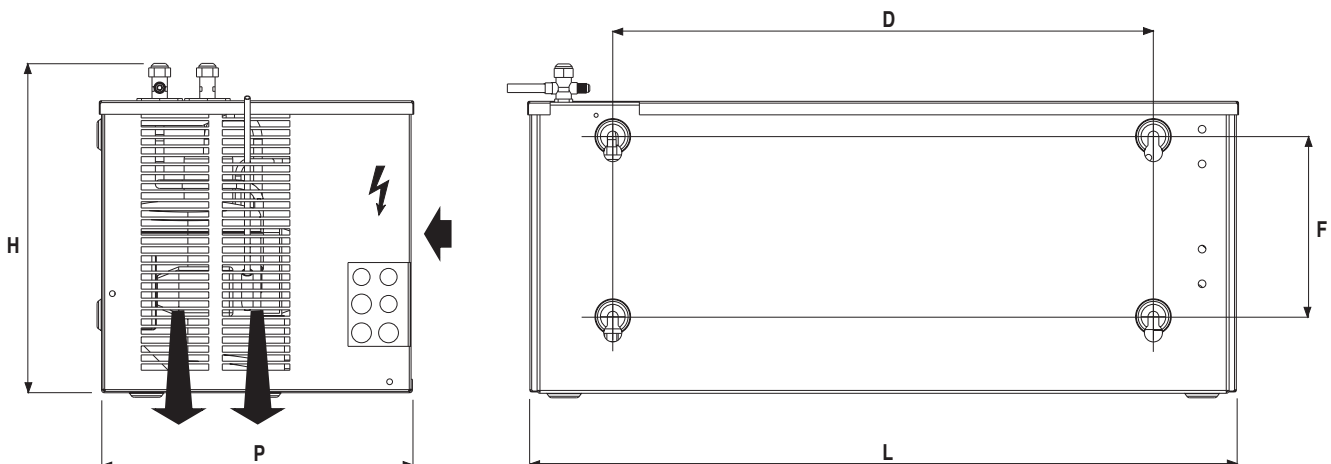
(●) kit, (○) option

| | KHE | CAC | KRE | RPC | RPE | SEC | RES | CEV | ECC |
|------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| MIF P 3 A | ○ | ○ | ○ | ○ | ○ | ○ | - | ○ | ○ |
| MIF P 5 A | ○ | ○ | ○ | ○ | ○ | ○ | - | ○ | ○ |
| MIF P 7 A | ○ | ○ | ○ | ○ | ○ | ○ | - | ○ | ○ |
| MIF P 10 A | ○ | ○ | ○ | ○ | ○ | ○ | - | ○ | ○ |
| MIF P 13 A | ○ | ○ | ○ | ○ | ○ | ○ | - | ○ | ○ |
| MIF P 25 A | ○ | ○ | ○ | ○ | - | - | ○ | ○ | ○ |

DIMENSIONS, CONNECTIONS & WEIGHTS

UNIT COOLERS

| Models | L mm | P mm | H mm | D mm | F mm | Weight Ø | Liquid Ø | Weight kg |
|------------|---------|---------|---------|---------|---------|-------------|-------------|--------------|
| MIF P 3 A | 790 | 352 | 370 | 600 | 200 | 3/8" | 1/4" | 40 |
| MIF P 5 A | 790 | 352 | 370 | 600 | 200 | 3/8" | 1/4" | 43 |
| MIF P 7 A | 790 | 352 | 370 | 600 | 200 | 1/2" | 1/4" | 52 |
| MIF P 10 A | 790 | 352 | 370 | 600 | 200 | 1/2" | 1/4" | 52 |
| MIF P 13 A | 790 | 352 | 370 | 600 | 200 | 1/2" | 1/4" | 57 |
| MIF P 25 A | 890 | 460 | 570 | 770 | 350 | 5/8" | 3/8" | 69 |



R404A**temp.****mm**

Split Systems

TECHNICAL DATA

| Models | SPLIT SYSTEMS | | CONDENSING UNITS | | | | UNIT COOLERS | | | | |
|-------------------|---------------|--------------------|------------------|--------|-------------------|-------------|---------------|---------|-------------------|-------------|-------------|
| | Capa. -18°C | Room vol. | Voltage 50 Hz | Compr. | Air flow | Input power | Input current | No x Ø | Air flow | Input power | Input curr. |
| | W (a) | m ³ (b) | V | CV | m ³ /h | W max. | A max. | mm | m ³ /h | W | A max. |
| MIF N 8 A | 970 | 8 | 230/1 | 3/4 | 800 | 1335 | 6.95 | 2 x 200 | 580 | 806 | 3.80 |
| MIF N 14 A | 1320 | 16 | 230/1 | 1 1/2 | 1400 | 1785 | 10.00 | 3 x 200 | 870 | 1314 | 6.22 |
| MIF N 26 A | 2250 | 33 | 400/3+N | 2.3 | 2500 | 2800 | 5.80 | 2 x 300 | 2076 | 3290 | 5.70 |

TECHNICAL DATA

| Models | SPLIT SYSTEMS | | CONDENSING UNITS | | | | UNIT COOLERS | | | | |
|-------------------|---------------|--------------------|------------------|--------|-------------------|-------------|---------------|---------|-------------------|-------------|-------------|
| | Capa. -25°C | Room vol. | Voltage 50 Hz | Compr. | Air flow | Input power | Input current | No x Ø | Air flow | Input power | Input curr. |
| | W (a) | m ³ (b) | V | CV | m ³ /h | W max. | A max. | mm | m ³ /h | W | A max. |
| MIF N 8 A | 760 | 5 | 230/1 | 3/4 | 800 | 1335 | 6.95 | 2 x 200 | 580 | 806 | 3.80 |
| MIF N 14 A | 980 | 7 | 230/1 | 1 1/2 | 1400 | 1785 | 10.00 | 3 x 200 | 870 | 1314 | 6.22 |
| MIF N 26 A | 1700 | 18 | 400/3+N | 2.3 | 2500 | 2800 | 5.80 | 2 x 300 | 2076 | 3290 | 5.70 |

KITS & OPTIONS

| | (●) kit, (○) option | | | | | | | | |
|-------------------|---------------------|-----|-----|-----|-----|-----|-----|-----|-----|
| | KHE | CAC | KRE | RPC | RPE | SEC | RES | CEV | ECC |
| MIF N 8 A | ○ | ○ | ○ | ○ | ○ | ○ | - | ○ | ○ |
| MIF N 14 A | ○ | ○ | ○ | ○ | ○ | ○ | - | ○ | ○ |
| MIF N 26 A | ○ | ○ | ○ | ○ | - | - | ○ | ○ | ○ |

DIMENSIONS, CONNECTIONS & WEIGHTS

UNIT COOLERS

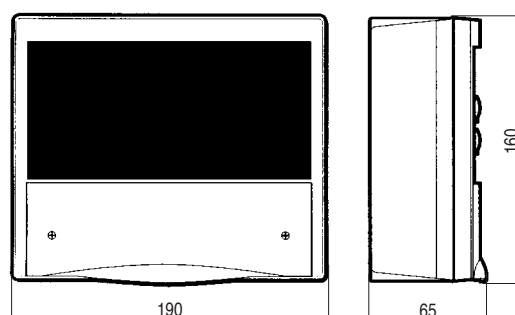
| Models | L | P | H | D | F | Weight | Liquid | Weight |
|-------------------|-----|-----|-----|-----|-----|--------|--------|--------|
| | mm | mm | mm | mm | mm | Ø | Ø | kg |
| MIF N 8 A | 790 | 352 | 370 | 600 | 200 | 1/2" | 1/4" | 52 |
| MIF N 14 A | 790 | 352 | 370 | 600 | 200 | 1/2" | 1/4" | 57 |
| MIF N 26 A | 890 | 460 | 570 | 770 | 350 | 5/8" | 3/8" | 65 |

(a) Standard conditions : capacity for 32°C ambient temperature

(b) Indicative room volume for:
Insulation 80 mm, unisulated floor (positive) - 150 mm, insulated floor (negative) - Daily loading 20 kg/m³ at 20°C (positive) and -9°C (negative) - Running time = 18 h/day at 32°C ambient temperature

DIMENSIONS

MASTERLOG III



DIMENSIONS & WEIGHTS

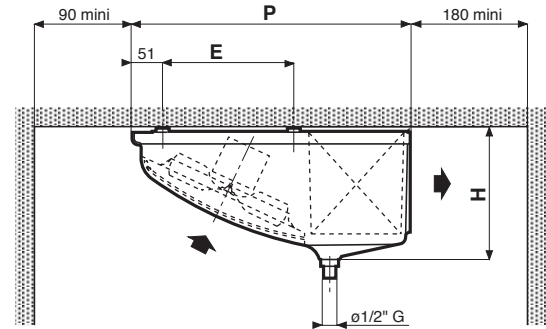
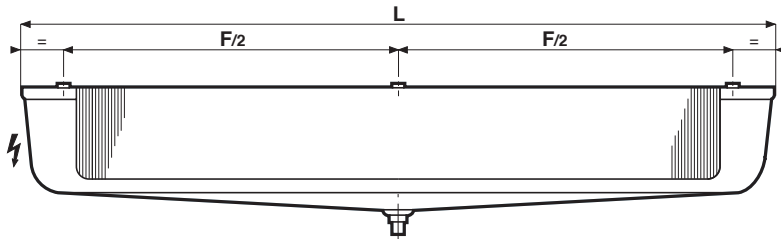
UNIT COOLERS

| Models | L mm | P mm | H mm | F mm | E mm | Weight kg |
|------------|---------|---------|---------|---------|---------|--------------|
| MIF P 3 A | 599 | 429 | 150 | 527 | 212 | 7.9 |
| MIF P 5 A | 599 | 429 | 150 | 527 | 212 | 9.3 |
| MIF P 7 A | 784 | 438 | 209 | 1192 | 208 | 7.5 |
| MIF P 10 A | 784 | 438 | 209 | 1192 | 208 | 9.5 |
| MIF P 13 A | 1174 | 438 | 209 | 986 | 208 | 15.0 |

DIMENSIONS & WEIGHTS

UNIT COOLERS

| Models | L mm | P mm | H mm | F mm | E mm | Weight kg |
|------------|---------|---------|---------|---------|---------|--------------|
| MIF N 8 A | 784 | 438 | 209 | 1192 | 208 | 9.5 |
| MIF N 14 A | 1174 | 438 | 209 | 986 | 208 | 15.0 |



DIMENSIONS & WEIGHTS

UNIT COOLERS

| Models | L mm | P mm | H mm | F mm | E mm | Weight kg |
|------------|---------|---------|---------|---------|---------|--------------|
| MIF P 25 A | 966 | 456 | 400 | 722 | 412 | 28.0 |

DIMENSIONS & WEIGHTS

UNIT COOLERS

| Models | L mm | P mm | H mm | F mm | E mm | Weight kg |
|------------|---------|---------|---------|---------|---------|--------------|
| MIF N 26 A | 966 | 456 | 400 | 722 | 412 | 28.0 |

