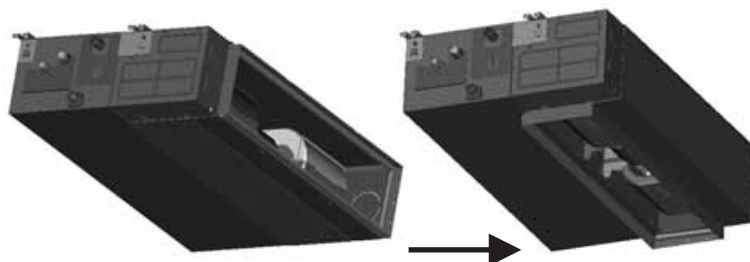


**20 DUCT CONDITIONER**  
**MUC HF2 Series**  
**SLIM LINE**

**MUNDOCLIMA**<sup>®</sup>

NEW FROM  
**MARCH 2010**



Two air intake options: bottom or rear

**FEATURES**

- Fresh outdoor air intake
- Filters included
- Bottom and rear air intake
- Condensate pump included
- Special port for filling water and test the pump
- Removable electric box
- 4 speed fan motor
- Wired control included
- Optional remote control
- LED display for easy trouble shooting
- Alarm signal
- ON/OFF switch connection

**DIMENSIONS HF and HF2**

| Model  | Dimensions mm (LxHxD) |              | % Reduction HF2/HF |
|--------|-----------------------|--------------|--------------------|
|        | HF2                   | HF           |                    |
| MUC-18 | 920x210x570           | 1000x298x800 | 54%                |
| MUC-24 | 1140x210x570          | 1000x298x800 | 43%                |
| MUC-30 | 1140x270x710          | 1350x298x800 | 32%                |
| MUC-36 | 1140x270x710          | 1350x298x800 | 32%                |
| MUC-48 | 1200x300x800          | 1350x298x800 | 11%                |



LED display for trouble shooting



Wired control included  
Optional remote control



**TECHNICAL SPECIFICATIONS**

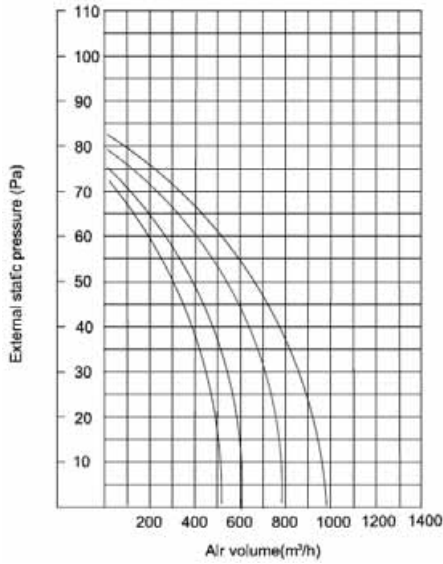
| Model                         |                   | MUC 18HF2 | MUC 24HF2 | MUC 30HF2 | MUC 36HF2 | MUC 48HF2 | MUC 60HF2 |
|-------------------------------|-------------------|-----------|-----------|-----------|-----------|-----------|-----------|
| Part Nr.                      |                   | CL 20 643 | CL 20 644 | CL 20 645 | CL 20 646 | CL 20 647 | CL 20 648 |
| Gas                           |                   | R410A     | R410A     | R410A     | R410A     | R410A     | R410A     |
| COOLING                       | W                 | 5,275     | 7,034     | 8,792     | 10,551    | 14,068    | 17,585    |
|                               | BTU/h             | 18,000    | 24,000    | 30,000    | 36,000    | 48,000    | 60,000    |
|                               | Kcal/h            | 4,537     | 6,049     | 7,561     | 9,074     | 12,098    | 15,123    |
| HEATING                       | W                 | 6,155     | 8,009     | 9,380     | 11,723    | 15,533    | 19,930    |
|                               | BTU/h             | 19,000    | 27,300    | 32,000    | 38,000    | 52,000    | 68,000    |
|                               | Kcal/h            | 5,293     | 6,888     | 8,067     | 10,082    | 13,358    | 17,140    |
| Power consumption Cooling     | W                 | 1,900     | 2,560     | 3,250     | 3,750     | 4,700     | 6,000     |
| Power consumption Heating     | W                 | 1,900     | 2,500     | 3,250     | 3,720     | 4,900     | 6,000     |
| Dehumidification              | lts/h             | 1.9       | 2.4       | 3         | 3.6       | 4.6       | 6         |
| Air flow                      | m <sup>3</sup> /h | 1,160     | 1,460     | 2,070     | 2,070     | 2,400     | 2,800     |
| Static pressure               | Pa                | 40        | 40        | 70        | 70        | 70        | 100       |
| Volt-Phases-Frecuency         | V-Hz-Ph           | 230-50-1  | 230-50-1  | 230-50-1  | 230-50-1  | 400-50-3  | 400-50-3  |
| Indoor unit noise level       | dB(A)             | 38        | 42        | 44        | 44        | 44        | 46        |
| Outdoor unit noise level      | dB(A)             | 48        | 52        | 55        | 57        | 57        | 57        |
| Indoor unit weight            | Kg                | 29        | 29        | 35        | 35        | 50        | 50        |
| Outdoor unit weight           | Kg                | 52        | 75        | 103       | 103       | 110       | 110       |
| Gas pipe Ø                    | inch              | 1/2       | 5/8       | 3/4       | 3/4       | 3/4       | 3/4       |
| Liquid pipe Ø                 | inch              | 1/4       | 3/8       | 1/2       | 1/2       | 1/2       | 1/2       |
| Max Lenght                    | m                 | 25        | 30        | 30        | 30        | 50        | 50        |
| Max different level btw units | m                 | 15        | 15        | 20        | 20        | 30        | 30        |



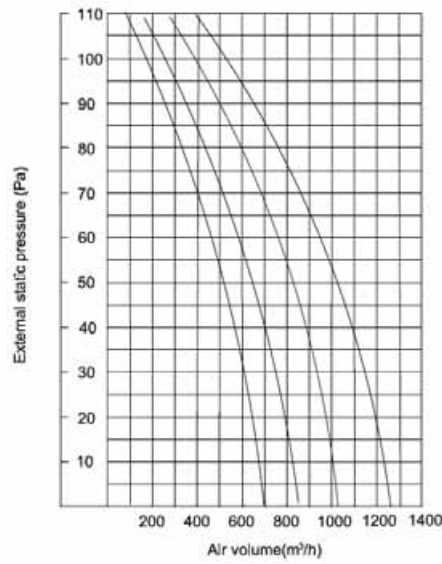
# DUCT CONDITIONER MUC HF2 and MUCR HF2 Series



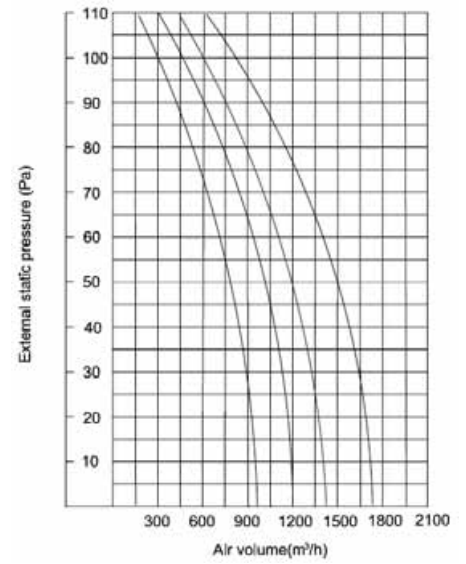
18 HF2 model



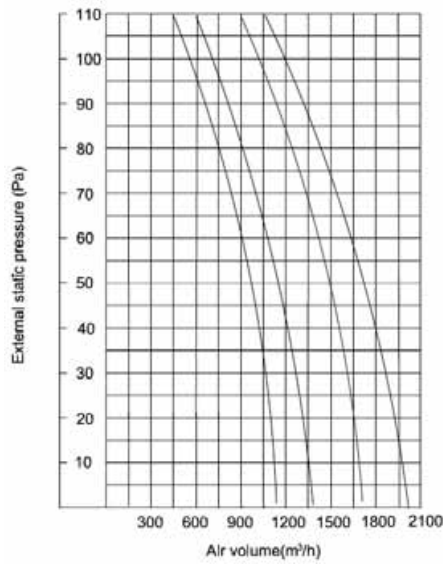
24 HF2 model



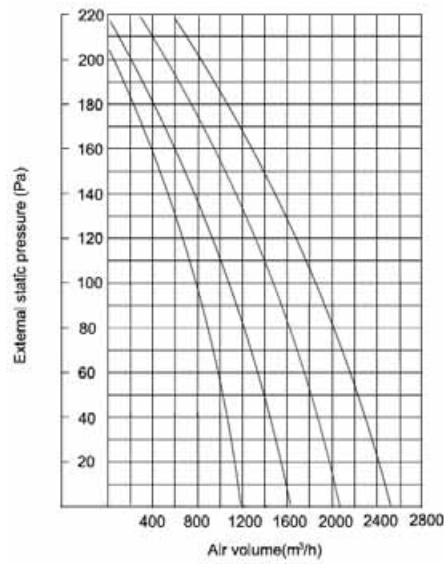
30 HF2 model



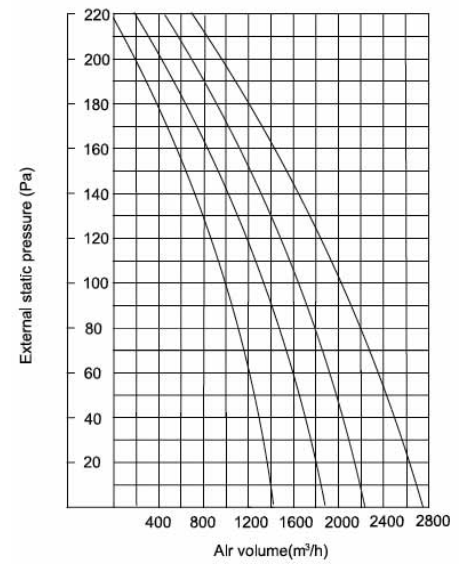
36 HF2 model



48 HF2 model



60 HF2 model



Condensate removal pump



Port for filling water and testing the pump



ON/OFF switch connection