



  
mikropor

## **MKE-PRO SERIES DIGITAL CYCLING - INTEGRATED FILTRATION**

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The MKE-PRO series of digital-cycling compressed air dryers by Mikropor offers reliable and efficient air drying solutions, ideal for various industrial applications. These dryers are designed to ensure optimal performance.

### Key Features

-  10 years warranty on Aluminium Heat Exchanger
-  Wide Range of Capacities: The MKE-PRO series caters to diverse needs with models ranging from MKE-PRO 23 to MKE-PRO 1200, supporting air flow capacities from 23 m<sup>3</sup>/h to 12500 m<sup>3</sup>/h.
-  Integrated Filtration
-  Advanced, Digital Control System
-  Comply with the ISO 7183 Standard
-  Fully Hermetic and contains greenhouse gas covered by the Kyoto Protocol
-  Low GWP Refrigerant, R513a (631)
-  Electronic Zero Loss Drain (Optional for Monophase Units, Standard for Triphase Units)

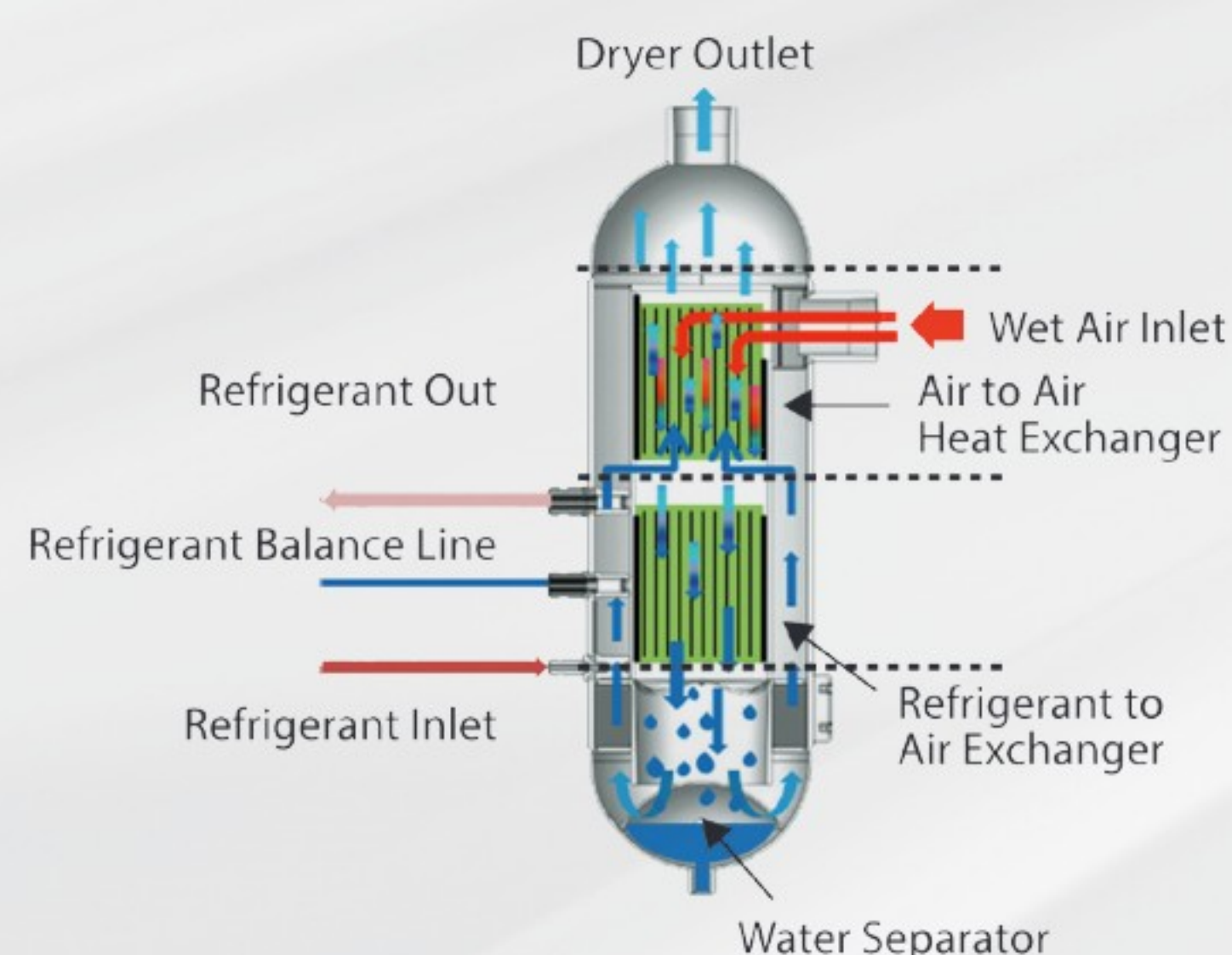


Zero-Loss Drain



The MKE-PRO series utilizes R513a refrigerant, which is environmentally friendly and efficient.

The advanced heat exchanger ensures effective moisture removal, providing consistently dry compressed air.



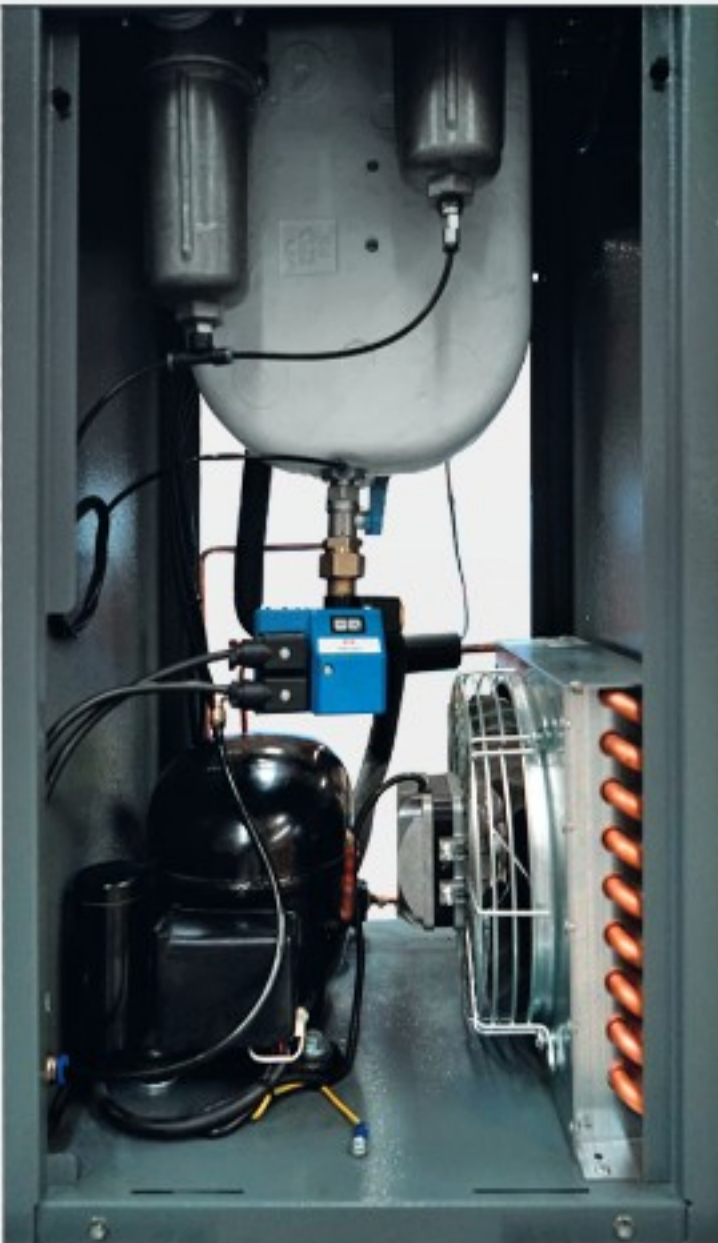
# MKE-PRO SERIES

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| Model         | Capacity<br>(m³/h) | Voltage                          | Connection<br>Size | Filter Quantity and Type             | Replacement<br>Filter<br>Element Kit | Pressure<br>Drop<br>(mbar) | Control<br>Type | Dimensions     |               |                |
|---------------|--------------------|----------------------------------|--------------------|--------------------------------------|--------------------------------------|----------------------------|-----------------|----------------|---------------|----------------|
|               |                    |                                  |                    |                                      |                                      |                            |                 | Length<br>(mm) | Width<br>(mm) | Height<br>(mm) |
| MKE-PRO 23    | 23                 | 230V / 1 Ph / 50 Hz              | 1/2"               | 1*GKON65X + 1*GKON65Y                | MKON65 KIT                           | 100                        | Digi-Pro        | 372            | 369           | 792            |
| MKE-PRO 38    | 38                 | 230V / 1 Ph / 50 Hz              | 1/2"               | 1*GKON65X + 1*GKON65Y                | MKON65 KIT                           | 150                        | Digi-Pro        | 372            | 369           | 792            |
| MKE-PRO 53    | 53                 | 230V / 1 Ph / 50 Hz              | 1/2"               | 1*GKON65X + 1*GKON65Y                | MKON65 KIT                           | 250                        | Digi-Pro        | 372            | 369           | 792            |
| MKE-PRO 70    | 70                 | 230V / 1 Ph / 50 Hz              | 1/2"               | 1*GKON65X + 1*GKON65Y                | MKON65 KIT                           | 220                        | Digi-Pro        | 372            | 369           | 792            |
| MKE-PRO 100   | 100                | 230V / 1 Ph / 50 Hz              | 3/4"               | 1*GKON155X + 1*GKON155Y              | MKON155 KIT                          | 90                         | Digi-Pro        | 454            | 473           | 932            |
| MKE-PRO 155   | 155                | 230V / 1 Ph / 50 Hz              | 3/4"               | 1*GKON155X + 1*GKON155Y              | MKON155 KIT                          | 195                        | Digi-Pro        | 454            | 473           | 932            |
| MKE-PRO 190   | 190                | 230V / 1 Ph / 50 Hz              | 3/4"               | 1*GKON155X + 1*GKON155Y              | MKON155 KIT                          | 285                        | Digi-Pro        | 454            | 473           | 932            |
| MKE-PRO 210   | 210                | 230V / 1 Ph / 50 Hz              | 1 1/2"             | 1*GKON405X + 1*GKON405Y              | MKON405 KIT                          | 195                        | Digi-Pro        | 556            | 556           | 975            |
| MKE-PRO 305   | 305                | 230V / 1 Ph / 50 Hz              | 1 1/2"             | 1*GKON405X + 1*GKON405Y              | MKON405 KIT                          | 285                        | Digi-Pro        | 556            | 556           | 975            |
| MKE-PRO 375   | 375                | 230V / 1 Ph / 50 Hz              | 1 1/2"             | 1*GKON405X + 1*GKON405Y              | MKON405 KIT                          | 175                        | Digi-Pro        | 556            | 556           | 975            |
| MKE-PRO 495   | 495                | 230V / 1 Ph / 50 Hz              | 2"                 | 1*GKON805X + 1*GKON805Y              | MKON805 KIT                          | 275                        | Digi-Pro        | 648            | 678           | 1277           |
| MKE-PRO 623   | 623                | 230V / 1 Ph / 50 Hz              | 2"                 | 1*GKON805X + 1*GKON805Y              | MKON805 KIT                          | 215                        | Digi-Pro        | 648            | 678           | 1277           |
| MKE-PRO 930   | 930                | 230V / 1 Ph / 50 Hz              | 2"                 | 1*GKON1205X + 1*GKON1205Y            | MKON1205 KIT                         | 135                        | Digi-Pro        | 947            | 727           | 1500           |
| MKE-PRO 1200  | 1200               | 230V / 1 Ph / 50 Hz              | 2"                 | 1*GKON1205X + 1*GKON1205Y            | MKON1205 KIT                         | 170                        | Digi-Pro        | 947            | 727           | 1500           |
| MKE-PRO 1388  | 1388               | 400V / 3 Ph / 50 Hz              | 3"                 | Integrated - GKON-HC-1805 X /Y       | MKON-HC1805 KIT                      | 310                        | Digi-Pro        | 948            | 798           | 1580           |
| MKE-PRO 1800  | 1800               | 400V / 3 Ph / 50 Hz              | 3"                 | Integrated - GKON-HC-1805 X /Y       | MKON-HC1805 KIT                      | 255                        | Digi-Pro        | 948            | 798           | 1580           |
| MKE-PRO 2500  | 2500               | 400V / 3 Ph / 50 Hz              | 3"                 | Integrated - GKON-HC-2775 X /Y       | MKON-HC2775 KIT                      | 170                        | Digi-Pro        | 1163           | 778           | 1842           |
| MKE-PRO 2775  | 2775               | 400V / 3 Ph / 50 Hz              | 3"                 | Integrated - GKON-HC-2775 X /Y       | MKON-HC2775 KIT                      | 310                        | Digi-Pro        | 1163           | 778           | 1842           |
| MKE-PRO 3330  | 3330               | 400V / 3 Ph / 50 Hz DN100 Flange |                    | Integrated - GKO5850M X /Y           | MKO 5850 KIT                         | 270                        | Digi-Pro        | 1577           | 993           | 2026           |
| MKE-PRO 3915  | 3915               | 400V / 3 Ph / 50 Hz DN100 Flange |                    | Integrated - GKO5850M X /Y           | MKO 5850 KIT                         | 380                        | Digi-Pro        | 1577           | 993           | 2026           |
| MKE-PRO 5085  | 5085               | 400V / 3 Ph / 50 Hz DN100 Flange |                    | Integrated - GKO5850M X /Y           | MKO 5850 KIT                         | 320                        | ESD-3           | 1647           | 1077          | 2126           |
| MKE-PRO 5850  | 5850               | 400V / 3 Ph / 50 Hz DN100 Flange |                    | Integrated - GKO5850M X /Y           | MKO 5850 KIT                         | 350                        | ESD-3           | 1647           | 1077          | 2126           |
| MKE-PRO 6975  | 6975               | 400V / 3 Ph / 50 Hz DN150 Flange |                    | Externally Connected - F6500M X&Y *  | Not Included                         | 320                        | ESD-3           | 2188           | 1062          | 2144           |
| MKE-PRO 7875  | 7875               | 400V / 3 Ph / 50 Hz DN150 Flange |                    | Externally Connected - F8500M X&Y *  | Not Included                         | 350                        | ESD-3           | 2188           | 1062          | 2144           |
| MKE-PRO 9000  | 9000               | 400V / 3 Ph / 50 Hz DN150 Flange |                    | Externally Connected - F8500M X&Y *  | Not Included                         | 350                        | ESD-3           | 2247           | 1200          | 2164           |
| MKE-PRO 10500 | 10500              | 400V / 3 Ph / 50 Hz DN200 Flange |                    | Externally Connected - F11000M X&Y * | Not Included                         | 350                        | ESD-3           | 2247           | 1200          | 2164           |
| MKE-PRO 12500 | 12500              | 400V / 3 Ph / 50 Hz DN200 Flange |                    | Externally Connected - F14000M X&Y * | Not Included                         | 350                        | ESD-3           | 2547           | 1550          | 2222           |

\*Please contact with your responsible Sales/CRM responsible for alternative voltage options

|                              |         |
|------------------------------|---------|
| Nominal Working Pressure:    | 7 barg  |
| Maximum Working Pressure:    | 16 barg |
| Minimum Working Pressure:    | 4 barg  |
| Nominal Inlet Temperature:   | 35°C    |
| Maximum Inlet Temperature:   | 60°C    |
| Minimum Inlet Temperature:   | 5°C     |
| Nominal Ambient Temperature: | 25°C    |
| Maximum Ambient Temperature: | 50°C    |
| Minimum Ambient Temperature: | 5°C     |
| Refrigerant:                 | R513a   |



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