

# CPU-M



The DiBO **CPU-M** is an economical stationary cold water cleaner with almost unlimited user's possibilities.

This simple-section compact unit is an industrial cleaning installation for professional and intensive use. The unit is extremely suitable for water cleaning under high/middle pressure for production units and equipment in the food industry.

The CPU-M can be delivered in various models and the standard version is equipped for water supply temperature up to 40°C.

As option also available with HT pumps up to 75°C (peaks till 85 °C).

With the use of a temperature 40°C or more always use a feeding pump which delivers an inlet pressure of at least 3 bar. Other models on request.

## EXCLUSIVE TECHNOLOGIES



Radial high-pressure pump



Motor with low speed



Flexible motor/pump coupling

## PRODUCT SPECIFICATIONS




- Electrical box with 'Millennium 3' controller

## TECHNICAL SPECIFICATIONS

- Radial high pressure pump with 3 ceramic plungers and stainless steel valves → fewer vibrations and less noise
- A brass/nickel-plated pump head → no corrosion
- Flexible engine/pump coupling → silent operation and protection of the electric motor
- Low speed
- Automatic start/stop system with shut-down-delay
- Soft starter
- Simple-section pump unit with different choices for engine/pump combinations
- This simple-section unit can be delivered in various models and is suitable for the supply of cold and hot water. The standard version is equipped for water supply temperature up to 40°C. Some models are optionally suitable for higher water supply temperatures by using an HT pump.
- Stainless steel frame
- 130 l stainless steel float tank
- Mechanical valve
- Coarse particle filter
- Pressure gauge
- Level monitoring
- Dry-run protection
- Temperature security system up to 40 °C or optional up to 85 °C (when using HT pumps)
- Protected against breaks in the pipes and overpressure

Note: when using an HT pump, always use a pre-pressure pump and reduce the speed if necessary.

## MODELS

|  Code |  Description |  bar |  l/h |  °C |  V |  rpm |  l |  mm |
|--|---|---|---|--|---|---|---|--|
| 1.146.xxx  | CPU-M 5.5 kW  | min. 70 / max. 130  | max. 2460 / min. 1260   | 40   | 3 x 400   | 1450  | 130   | 1200 x 550 x 1320  |
| 1.146.xxx  | CPU-M 7,5 kW  | min. 55 / max. 170  | max. 4200 / min. 1260   | 40   | 3 x 400   | 1450  | 130   | 1200 x 550 x 1320  |
| 1.146.xxx  | CPU-M 11 kW   | min. 80 / max. 210  | max. 4200 / min. 1500   | 40   | 3 x 400   | 1450  | 130   | 1200 x 550 x 1320  |
| 1.146.xxx  | CPU-M 15 kW   | min. 80 / max. 275  | max. 6000 / min. 1500   | 40   | 3 x 400   | 1450  | 130   | 1206 x 550 x 1320  |

## OPTIONAL EQUIPMENT

| Code      | Item description               |
|-----------|--------------------------------|
| 1.246.005 | Frequency regulator - 5,5 kW   |
| 1.246.007 | Frequency regulator - 7,5 kW   |
| 1.246.010 | Frequency regulator - 11 kW    |
| 1.246.015 | Frequency regulator - 15 kW    |
| 1.246.070 | Water filter 1.1/4 - 25 micron |
| 1.246.072 | Water filter 2 - 25 micron     |
| 1.246.100 | Remote controle (ON/OFF)       |
| 1.246.290 | Pre-pressure pump              |

## OPTIONAL ACCESSORIES

| Code | Item description  |
|------|---|
| code | Single spray lance with high-pressure nozzle → powerful water jet |
| code | High-pressure gun → large manoeuvrability of the wash gun         |
| code | High pressure hose → extended reach                               |