

indirectly air-cooled

MC produces vent condensers made from plastics or stainless steel for the purposes of recovering aerosols and clouds of steam. Thereby, water consumption and heating needs are substantially decreased.

Applications: For continuous batch-type washing machines

Advantages:

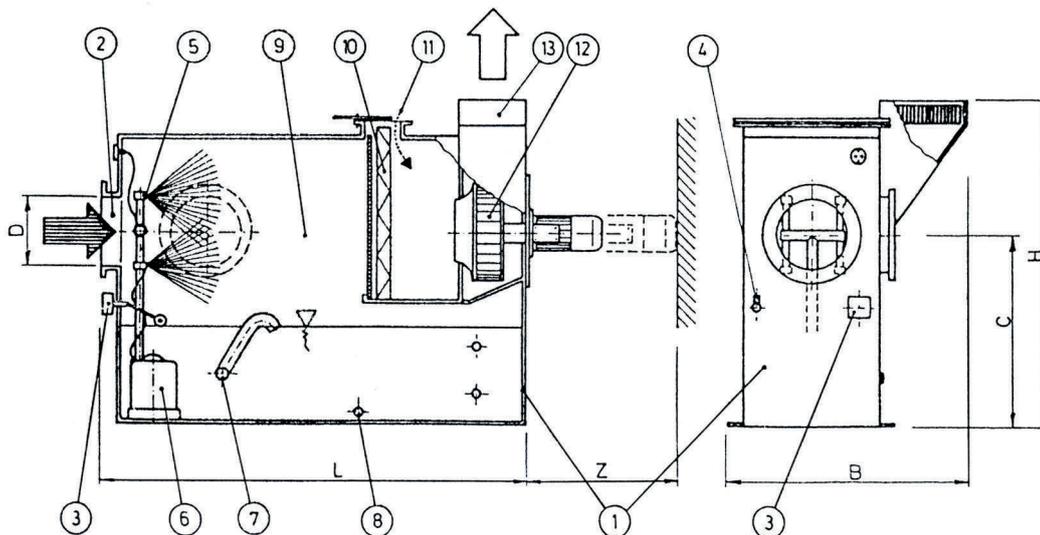
- No cooling water required since indirectly air-cooled
- Ready-to-connect, compact vent condenser, housing made from plastic or stainless steel, with integrated water supply, ventilator rotor made from plastic or stainless steel, droplet separator and fine filter made from plastic or stainless steel
- Water supply is cooled by indoor air
- No exhaust air pipes required; exhaust air can be discharged into the installation room
- Decreased heat output for installation room
- Decreased water consumption of the system when recirculating condensation water into pretreatment cycle.

Function: The ventilator draws the steam clouds in with the help of suction hoods located at the washing machine's intake and exit (for energy-saving reasons only as little as possible is drawn in directly from the system). The steam clouds are now condensed in the condensation and washing zone. Via a pump, cool water from the water supply is sprayed through hollow cone nozzles. This results in the condensation of the steam clouds. Droplets and aerosols are filtered in the adjoining droplet separator. At last, the exhaust air can be discharged into the installation room, while the condensate is recirculated into the system via overflow.

Technical specifications

| Exhaust air m ³ /h | Dimensions in mm | | | | | | Pump kW | Ventilator kW |
|----------------------------------|------------------|-------|-------|-----|-------|-----|------------|------------------|
| | L | B | H | D | C | Z | | |
| 500 | 1,250 | 400 | 800 | 150 | 620 | 550 | 0.37 | 0.37 |
| 1,000 | 1,250 | 400 | 900 | 250 | 680 | 550 | 0.37 | 0.37 |
| 2,000 | 1,600 | 500 | 1,050 | 300 | 750 | 550 | 0.55 | 0.55 |
| 3,000 | 1,650 | 650 | 1,050 | 380 | 820 | 600 | 0.75 | 0.55 |
| 4,000 | 1,800 | 700 | 1,250 | 450 | 850 | 650 | 0.90 | 1.10 |
| 6,000 | 1,900 | 800 | 1,350 | 500 | 900 | 650 | 1.10 | 1.50 |
| 8,000 | 2,100 | 900 | 1,450 | 560 | 950 | 700 | 1.50 | 2.20 |
| 10,000 | 2,200 | 1,000 | 1,550 | 630 | 1,000 | 800 | 1.85 | 4.00 |
| 12,000 | 2,300 | 1,000 | 1,550 | 710 | 1,000 | 800 | 1.85 | 4.00 |

Greater exhaust air capacities on request!



Component description:

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|---|--|
| 1. Housing made from plastic or stainl. steel | 8. Drain outlet |
| 2. Intake socket | 9. Condensation and washing zone |
| 3. Float switch | 10. Droplet separator |
| 4. Solenoid valve | 11. Post-condensation |
| 5. Hollow cone nozzles | 12. Ventilator with plastic or stainless steel rotor |
| 6. Pump | 13. Air outlet with fine filter |
| 7. Condensate overflow | |