

COOLMAX Compact Cooling Units by WITTMANN

Powerful, compact air cooled chillers

with 10 kW to 89 kW cooling capacity.

Reliable WITTMANN microprocessor controller.

Large surfaced built-in air condenser

with fan neck.

Automatic filling

visual control via sight glass.

3-7 bar centrifugal pumps

with flow volume of 13.2 m³/hr.

Hermetically welded quality compressors.

Anti-freeze control.

Pressure relieve valve in the cooling circuit.



COOLMAX 40

COOLMAX Performance Data

| Model | Cooling capacity | | Tank volume | Water supply | Flow rate | Pressure | Dimensions | Weight |
|-------------|------------------|---------|-------------|--------------|--------------------|----------|---------------------|--------|
| | kW | Kcal/hr | ltr | Ø | m ³ /hr | bar | mm | kg |
| COOLMAX 30 | 10.0 | 8,600 | 41 | 1" | 1.80 | 3.2 | 600 x 800 x 1,230 | 160 |
| COOLMAX 40 | 14.5 | 12,470 | 41 | 1" | 2.40 | 3.1 | 600 x 800 x 1,230 | 180 |
| COOLMAX 50 | 19.0 | 16,340 | 41 | 1" | 3.00 | 3.0 | 600 x 800 x 1,230 | 190 |
| COOLMAX 70 | 23.5 | 20,210 | 55 | 1" | 4.00 | 3.0 | 750 x 1,015 x 1,250 | 280 |
| COOLMAX 80 | 26.0 | 22,704 | 55 | 1" | 4.40 | 3.0 | 750 x 1,015 x 1,250 | 300 |
| COOLMAX 100 | 38.0 | 32,938 | 120 | 1 1/4" | 6.00 | 3.0 | 750 x 1,500 x 1,450 | 340 |
| COOLMAX 120 | 45.0 | 38,528 | 120 | 1 1/4" | 7.20 | 3.0 | 750 x 1,500 x 1,450 | 360 |
| COOLMAX 150 | 52.5 | 45,150 | 220 | 1 1/2" | 9.00 | 3.0 | 750 x 1,985 x 1,450 | 620 |
| COOLMAX 200 | 78.0 | 67,424 | 220 | 1 1/2" | 10.76 | 3.0 | 750 x 1,985 x 1,450 | 630 |
| COOLMAX 250 | 89.0 | 76,798 | 220 | 1 1/2" | 13.20 | 3.0 | 750 x 1,985 x 1,450 | 650 |

Specifications subject to change without notice.

- For each model there are 3 to 7 bar pumps with larger flow rates available.
- The pumps are protected with a motor protective relay and with a bypass line to prevent too high pressure in the line.
- In the condenser the aluminum fins are generously spaced to prevent accumulation of dust.
- Moreover the copper piping in the compressor line has few welded parts and is formed in order to prevent leakage.

Technology working for you.

Wittmann
world of innovation

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