

Mbsm.pro, Compressor, PW4.5VK, 1/8hP, 128 W, PW5.5VK, 1/6hP, 148 W, PW6.5VK, 1/5hP, 168 W, r134a, 1ph220v, watercooler, freezing

Category: compressor

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The **1/5 HP compressor** is a common type of refrigeration compressor used in various applications, particularly for domestic refrigerators and commercial refrigeration systems. Here are some key specifications and details based on the search results:

- **Power Rating:** 1/5 HP (approximately 0.15 kW).
- **Refrigerants:** Typically used with R134a or R600a refrigerants.

- **Cooling Capacity:** Varies by model, but often around **120W to 160W** depending on the specific design and application.
- **Applications:** Suitable for low back pressure systems, commonly found in beer coolers, dehumidifiers, and domestic refrigerators.

Example Models

1. Fridge Domestic Compressor R134a

- **Cooling Capacity:** 120W
- **C.O.P:** 1.72 W/W
- **Displacement:** 6.9 cm³
- **Voltage/Frequency:** 220V-240V/50Hz **1**.

2. Embraco 1/5 HP Compressor

- Designed for low, medium, and high back pressure applications.
- Voltage: 220V/60Hz.
- Capacity at different temperatures varies significantly, showcasing its versatility **23**.

3. A&R Supply Refrigeration Compressor

- Input Power: 123W
- Current: 1.60A
- COP: 1.30 .

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|---------------------|--|---------------------------|
| Water Reservoir | 5 L water tank is fabricated from industrial grade 304 stainless steel for longevity. | |
| Refrigeration | M2/M3 | R134a - 125g |
| | M4/M5 | R134a - 125g |
| | M10/M11 | R134a - 125g |
| Water Flow Controls | The bubbler is rated to supply 1.7 L/m at mains water pressure of between 140 and 700 kPa. | |
| Water Connections | Water Inlet | 1/2 Male B.S.P. |
| | Water Outlet | 40mm Female P.V.C. Socket |
| Thermostat Control | The thermostat is factory set | |
| Compressors | M2/M3 | PW4.5VK, 1/8HP, 128 W |
| | M4/M5 | PW5.5VK, 1/8HP, 148 W |
| | M10/M11 | PW6.5VK, 1/8HP, 168 W |
| Condenser | Copper tube and expanded aluminium fin | |
| Electrical | 220-240 V, 50/60 Hz | |
| IP Rating | IP33 | |
| Weight (Packed) | M2/M3 | 26 kg |
| | M4/M5 | 28 kg |
| | M10/M11 | 30 kg |
| Dimensions (Packed) | 500 x 500 x 1100 mm (W x D x H) | |
| Warranty | Twelve month comprehensive coverage, additional twenty-four month compressor replacement. | |

Technical drawing of the water cooler unit. The unit is a tall, rectangular stainless steel tank with a water tap at the top. Dimensions are indicated: total height is 1200mm, base width is 300mm, and the main body width is 775mm. A side view shows the tank depth is 845mm. Labels include 'DRAIN' with a circular symbol and 'INLET' with a cross-in-circle symbol. A power cord is shown at the bottom.