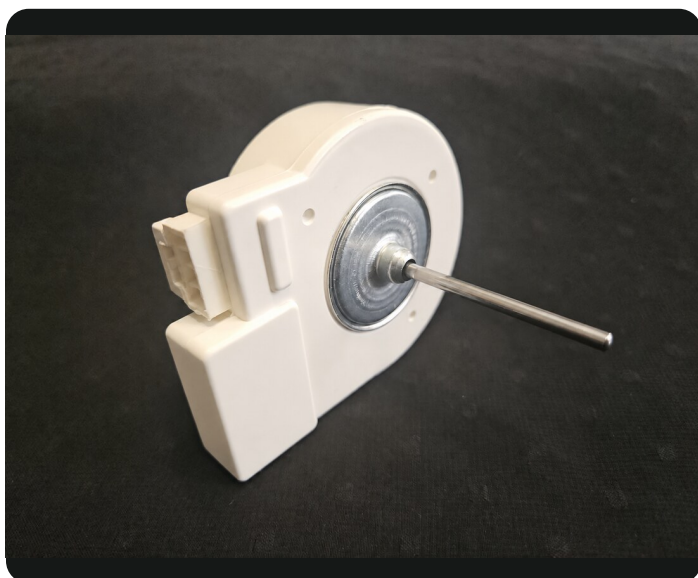


# 12 V BLDC FAN MOTOR

## MODEL P



Evaporator fan motor for refrigerators and freezers



- Knowledge-based company
- Annual production capacity: 200,000 units
- Commercial products supplied to the market since 2024

Purpose-built brushless DC motor for refrigeration airflow systems. Designed and manufactured by Arman Taghdis Research & Development.

### PRODUCT SPECIFICATION

|                       |                                       |
|-----------------------|---------------------------------------|
| Nominal voltage       | <b>12 VDC</b>                         |
| Minimum start voltage | <b>6 VDC</b>                          |
| Current at 12 V       | <b>0.26 A</b>                         |
| Power at 12 V         | <b>3.12 W</b>                         |
| Rated speed           | <b>2520 rpm</b>                       |
| Shaft extension       | <b>47 mm</b>                          |
| Rotation              | <b>CW or CCW - dedicated variants</b> |

### ORDERING NOTE

**CW and CCW are separate product variants and cannot be changed by rewiring. For integration review, provide the installation envelope, fan load, lead-wire length and connector requirement.**

**Arman Taghdis Research & Development**

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