

# In-Line Duct Fan Impeller with Motor

This impeller with motor is designed for in-line duct fans. It is available in multiple models with varying specifications for voltage, hertz, and rotation speed.



## ADDITIONAL IMAGES



## Overview

### High-Performance In-Line Duct Fan Impellers

These in-line duct fan impellers with motors are engineered for integration into ventilation systems and heat recovery units. The product line offers versatile configurations, including external rotor motors paired with metal impellers, or external brushless motors available with either metal or plastic impellers. Designed for reliability and efficiency, these components are highly adaptable to specific project needs.

## Construction & Models

### Configuration Types

- External rotor motor with metal impeller (IM-004, IM-006/008, IM-010, IM-012)
- External brushless motor with metal impeller (IM-004DC, IM-101DC, IM-012DC)
- External brushless motor with plastic impeller (IM-006DC-HE, IM-008DC-HE)

## Technical Specifications

### Technical Data Table

Model	Voltage (V)	Hertz (Hz)	Current (A)	Input Power (W)	Rotation (RPM)
IM-004	230	50	0.348	80	2450
IM-006/008	230	50	0.87	200	2500
IM-010	230	50	0.87	200	2600
IM-012	230	50	1.217	280	2578
IM-004DC	230	50	0.348	60	2450
IM-010DC	230	50	0.87	160	2600
IM-012DC	230	50	1.217	200	2578
IM-006DC-HE	230	50	0.217	50	4300
IM-008DC-HE	230	50	0.348	80	3200

## Customization Options

Customization

Custom Voltage, Custom Frequency, Custom Shaft Elongation, Different Impeller Materials