



Product Change Notice February 21, 2022

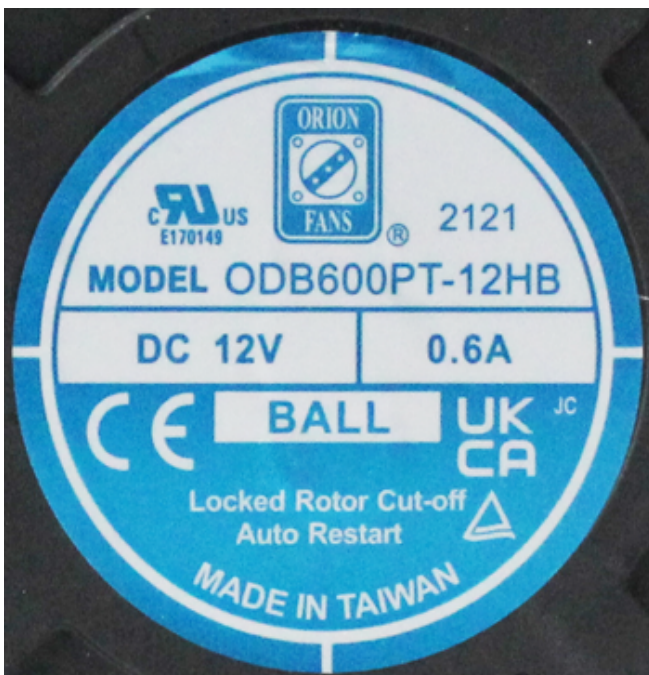
Products Affected: ODB600PT DC Blower Series
Type of Change: Part number revision.
Reason for Change: Conformity with current part numbering system.
Affected Models: All ODB600PT Models.

Discussion:

Orion Fans occasionally makes changes to our Commercial Off the Shelf (COTS) products as we recognize the needs of our customers and stakeholders. This product was released to market in 2004, and at that time Orion used the nomenclature "PT" to denote a PBT Thermoplastic Frame material. Since that time, we have revised our part numbering system to indicate that the absence of letters after the Frame Size field indicates a Thermoplastic Frame. Letters appear after the Frame Size field in our DC fan part numbers when a metal frame material is used, such as Painted (AP) or Natural Finish Aluminum (AN), or other custom configurations. To create consistency with our other DC Blower and Fan products, we will be removing PT from the part number in future production runs. No mechanical, electrical, or functional specifications have been impacted by this change. Future models will be identified as ODB600-. Implementation of this change will begin with all production batches completed after February 21st, 2023.

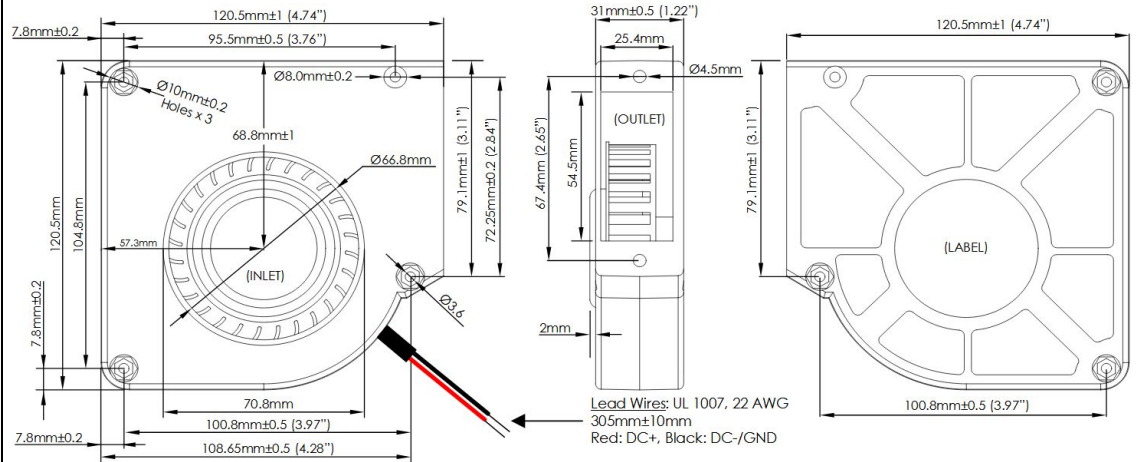
Product Label Comparison:

Original Label Example



New Label Example





Frame	PBT, UL94 V-0 Plastic	<u>Operating Temperature</u> -20°C ~ +65°C <u>Storage Temperature</u> -20°C ~ +75°C <u>Life Expectancy</u> 65,000 Hours (L10 at 45°C) <u>Available Options</u> PWM Speed Control Input Tachometer Output Thermal Speed Control Alarm Output Weight: 0.57 lbs
Impeller	PBT, UL94 V-0 Plastic	
Connection	2x Wire Leads, UL 1007 22 AWG	
Motor	Brushless DC, Auto Cutoff, Auto Restart, Electronically Protected, Polarity Protected	
Bearing System	Ball Bearings	
Dielectric Strength	500VDC/min, <1mA	
Insulation Resistance	≥10MΩ @ 500 VDC	

Airflow (CFM)	Static Pressure (H ₂ O) - Model H	Static Pressure (H ₂ O) - Model M	Static Pressure (H ₂ O) - Model L
0	0.48	0.42	0.35
5	0.45	0.38	0.30
10	0.40	0.32	0.24
15	0.35	0.25	0.18
20	0.28	0.18	0.12
25	0.20	0.10	0.05
30	0.12	0.05	0.02

Part Number	Rated Voltage (Volts DC)	Voltage Range (Volts DC)	Input Power (Watts)	Rated Current (Amps)(Max)	Rated Speed (RPM)	Max Airflow (CFM)	Noise Level (dBA)	Max Static Pressure (“H ₂ O)
ODB600-12HB	12	8 ~ 13.8	7.20	0.60	2700	30	48.6	0.49
ODB600-12MB	12	8 ~ 13.8	5.64	0.47	2275	22	41.8	0.42
ODB600-12LB	12	8 ~ 13.8	2.40	0.20	1725	20	31.2	0.35
ODB600-24HB	24	12 ~ 26.4	8.88	0.37	2700	30	48.6	0.49
ODB600-24MB	24	12 ~ 26.4	7.20	0.30	2275	22	41.8	0.42
ODB600-24LB	24	12 ~ 26.4	4.80	0.20	1725	20	31.2	0.35
ODB600-48HB	48	24 ~ 52.0	7.20	0.15	2700	30	48.6	0.49
ODB600-48MB	48	24 ~ 52.0	5.76	0.12	2275	22	41.8	0.42
ODB600-48LB	48	24 ~ 52.0	4.32	0.09	1725	20	31.2	0.35