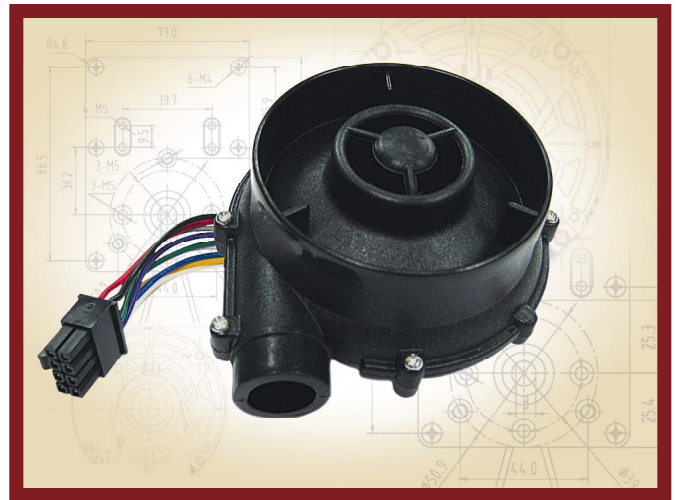
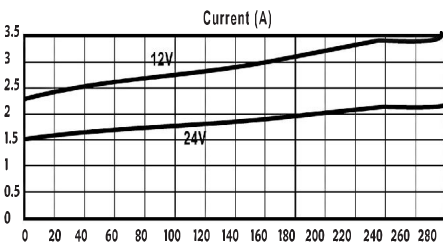
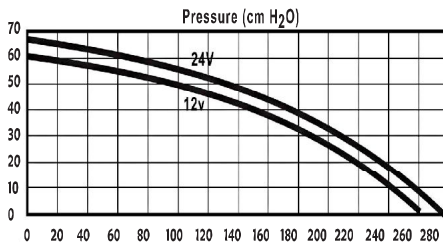


## BLDC Blowers



Compact, high efficiency, low noise, powerful BLDC Blowers.  
Air flow up to 280LPM with static air pressure up to 70cm H<sub>2</sub>O.

Performance Curves Flow (Liter/Min)



Lead Wire Configuration

PIN#	1	2	3	4	5	6	7	8
FUNCTION	+(6v)	-	Hall 1	Hall 2	Hall 3	U	V	W

**NOTES:**

- External driver required to operate blower
- Speed controlled by varying voltage
- Power connection must maintain polarity

ITEM	UNIT	SPECIFICATION (24V)	SPECIFICATION (12V)
Part Number		WS7040-24	WS7040-12
Rated Voltage	V	24	12
Operating Voltage Range	V	12-26	10 - 13.8
Impeller Speed	RPM	35000	32000
Max Air Flow	LPM	280	260
Max Static Air Pressure	cm H <sub>2</sub> O	70	3.5
Current	A	2.2	3.5
Power Consumption	W	53	42
Noise Level (1m from blower)	dBA	60 Max (1m from air inlet)	55 Max (1m from air inlet)
Motor Type		DC Brushless	DC Brushless
Bearing Type		NSK Ball Bearing	NSK Ball Bearing
Configuration		Motor w/ Centrifugal Turbo Blade	Motor w/ Centrifugal Turbo Blade
Housing		ABS Plastic	ABS Plastic
Weight	G	68	68
Drive Type		Hall sensor or sensorless	Hall sensor or sensorless
Coil Resistance / Phase1	Ω	1.7 - 1.9	1.0 - 1.1
Insulation Class		Class E	Class E
Operating Temp Range	°C	0 - 50	0 - 50
Operating Humidity Range	RH	10 - 80%	10 - 80%
Storage Temp Range	°C	-20-60	-20-60
Storage Humidity Range	RH	10 - 90%	10 - 90%

**T & C Asia**

4850 Byzantine Court  
Las Vegas, NV 89149

tel : (661) 702-8565

email: sales@tandcasia.com

# T & C Asia

- Fractional and Sub-fractional Horsepower Motors & Gearmotors
- Brushless DC Motors and Controls
- Fans, Blowers and other Air Moving Devices
- Pumps, Compressors and Pressurized Tanks
- Power Supplies, Power Cords and Wiring Harnesses
- Value Added Assemblies & Contract Manufacturing
- Solar Technology including Solar DC Brushless Water Pumps

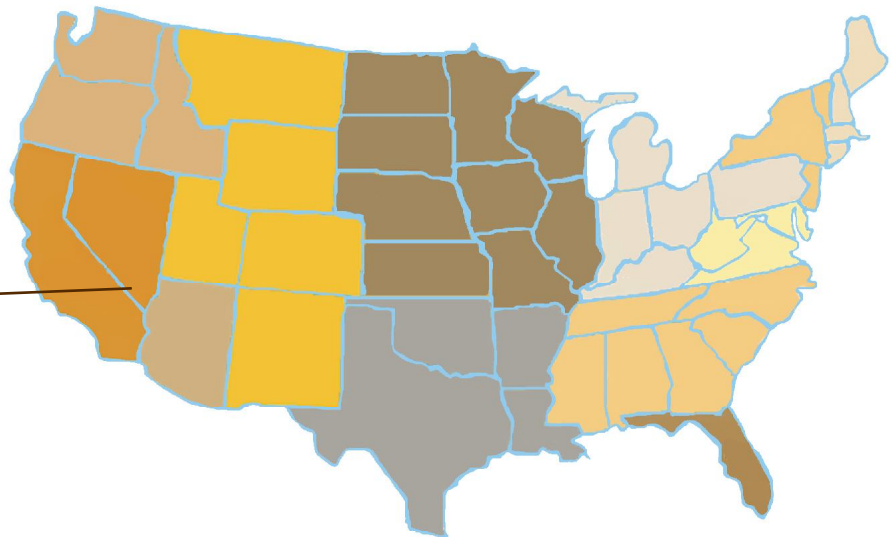
T & C Asia has been providing its customers with high quality electromechanical devices since 1987.

Backed by 20 years of experience, we have serviced various industries from motors used in medical exercise equipment to vending machines. Our strong engineering background allows us to aid our customers with design and selection of products minimizing the development time.

T & C Asia's dependable global supply has been critical to the profitability and long-term growth of many US Manufacturers. T & C Asia is not a trading company - we are not a middleman. We put you directly in contact with the manufacturer leaving little room for error.

There are numerous providers around, but few can offer the product knowledge, customer service and attention to detail that T & C Asia delivers.

## Nationwide Service



T & C Asia

4850 Byzantine Court  
Las Vegas, NV 89149

tel.: (661) 702-8565

fax: (360) 234-8510

email: [sales@tandcasia.com](mailto:sales@tandcasia.com)

Your Representative: