CHOSEN
VENT TECH LTD.

PRODUCTS

Axial Fan
Centrifugal Fan
Fan Accessories
Mist Spray Fan
Evaporative Air Cooler
Hydroponic(Inline) Duct Fan
Exhaust Fan
Cooling Pad

CHOSEN VENT TECH LTD.
For the Better

CHOSEN

VENT TECH LTD. Company Profile

CHOSEN VENT TECH LTD. is a manufacturer who focus on the design and producing for the industrial & commercial ventilators. Our ventilators be use in ventilation system (supply or exhaust) of Building, Air-conditioning, Industrial (HVAC), Firefighting, the commercial & industrial (HVAC) system.

We have products ranges include completed fans & fan accessories. The fans include forward-curve & backward-curve centrifugal fans (Blowers), axial fans, misting fans. The accessories include forward-curve & backward-curve impellers, axial impellers, fan blades and so on. We are not only manufacture products for standard item with bulk quantity, but also we provide project solution and fan type selection. Custom, semi-custom, OEM, ODM also our advantages.

Our engineers who with more than 20years experience in fans design, with the help of the advanced processing equipments (Laser cuttings, CNC lathers & bendings, Rolling, Dynamic balance) and experienced workers, they ensure the fans with high quality. And the fans be test by airway system so their technical parameters are truth & reliable.

Currently, our products have been exported to more than 30countries, and win trust & affirmation of the clients.

We CHOSEN VENT TECH LTD will be your honest and reliable partner.

BACKWARD CENTRIFUGAL IMPELLER

Applications:
Integrated fans, roof ventilators, ventilation and air-conditioning systems (HVAC/AHU), industrial applications.

Advantages:
- Various material for option : Mile steel, Stainless Steel #304/#316/#316L, Aluminum Alloy.
- Each impeller is made of moulding, with continuous welding in the settle machine, the components positioning is accurate, the strength is high , make sure of the precision of the processing and the product performance is more reliable.
- Each impeller will do by twice dynamic balancing tests, one is after the completion of welding and the other is after coating. The balance grade of the impeller can be G2.5. It greatly improves the stability of the impeller operation, and reduces the vibration and noise. Meanwhile each impeller also so Radial Running, Axial Vibration.
- Test by completed build-up centrifugal fan, the air Performance Parameter is truth and reliable.
- High static efficiency.

Backward-Curved Impeller	
Technical Specification	
Type	SWSI (Single Width)
	DWDI (Double Width)
Impeller Dia Range(mm)	225mm to 1400mm
Air flow (CMH)	257CMH to 318500CMH
Air pressure (PA)	73Pa-4121Pa
Material	Aluminum Alloy
	Mile Steel with Powder Coating
	#304 S.S., #316 S.S., #316L S.S.
Shaft Bushing Option	Fixed Bushing, Taper Lock
Customizable	

PRODUCT SIZE
BACKWARD IMPELLER

Backward Centrifugal Impeller (SWSI)				
Model	Impeller Dia	High	Shaft	Meterial
	mm	mm	Φ	
CH-CBS280-A	286	130	30	Aluminum Alloy / Stainless steel / Power Coating
CH-CBS315-A	323	145	30	
CH-CBS355-A	368	162	35	
CH-CBS400-A	408	182	35	
CH-CBS450-A	458	208	40	
CH-CBS500-A	508	229	40	
CH-CBS560-A	568	256	45	
CH-CBS630-A	638	286	50	
CH-CBS710-A	720	322	50	
CH-CBS800-A	810	360	55	
CH-CBS900-A	910	406	60	
CH-CBS1000-A	1010	452	65	
CH-CBS1120-A	1130	502	75	
CH-CBS1250-A	1260	531	80	
CH-CBS1400-A	1410	640	80	

Backward Centrifugal Impeller (DWDI)				
Model	Impeller Dia	High	Shaft	Meterial
	mm	mm	Φ	
CH-CBD280-A	286	257	30	Aluminum Alloy / Stainless steel / Power Coating
CH-CBD315-A	323	287	30	
CH-CBD355-A	368	321	35	
CH-CBD400-A	408	360	35	
CH-CBD450-A	458	412	40	
CH-CBD500-A	508	454	40	
CH-CBD560-A	568	508	45	
CH-CBD630-A	638	567	50	
CH-CBD710-A	720	639	50	
CH-CBD800-A	810	714	55	
CH-CBD900-A	910	806	60	
CH-CBD1000-A	1010	898	65	
CH-CBD1120-A	1130	996	75	
CH-CBD1250-A	1260	1054	80	
CH-CBD1400-A	1410	1270	80	

Date / /

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If you need more detailed product parameters, please contact us.

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