Engineered for the Critical

World's Largest Selection of Fan Products
World's Most Comprehensive Fan Solutions



LONGWELL®
Turn to Experts - HVAC&R

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CE RoHS compliant ETL Intertek BSCI ISO EAC UL LVD

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LONGWELL TECHNOLOGY

The Ventilation and Drive Technology Partner for Mission-Critical Environments



Professional Manufacturer of HVACR Fan & Motors

—— Plastic Cross Flow Impellers

Longwell Group
Longwell-China
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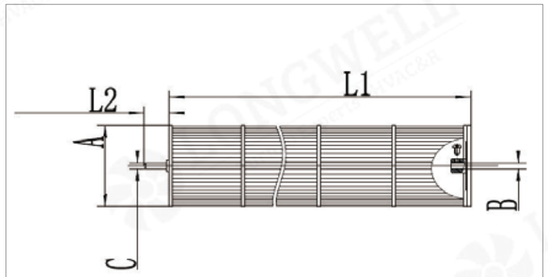
Cross Flow Impellers(Plastic)

Professional HVAC Fan &Motors Manufacturer

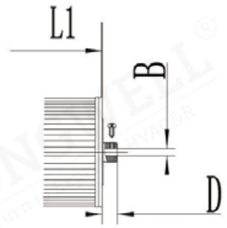


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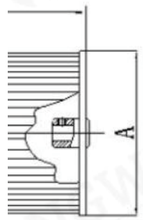
APPLIACATION: Air Conditioning,Air curtain,Ventilation Fans,Heaters,Air purifier …



Fan body dimension



Shaft sleeve



Shaft sleeve inside

NOTE:Any customization design require is acceptable (for dimensions,materials,color,performances)

Diameter-A (mm)	Length-L1 (mm)	Shaft Diameter-C (mm)	Shaft Length-L2 (mm)	Shaft Sleeve ID-B (mm)	Shaft Sleeve Length-D (mm)	Color	Blades Qty	Rotation (See from shaft end)	Set Screw
Φ50							25		
Φ60							31		
Φ71							35		
Φ76							35		
Φ81							35		
Φ87	⩽1000						35		
Φ90							28		
Φ91							35		
Φ93							35		
Φ95							35		
Φ97							35		
Φ101.5		Φ4,6,8 10,12	⩽50	Φ4,6,8 10,12	inside/outsize ⩽35mm	Customization by customer generally black, white blue ,green	35	C.C.W	M4.M5
Φ105							35		
Φ108							28		
Φ109							35		
Φ112							28		
Φ115	⩽1200						35		
Φ120							26		
Φ121							35		
Φ125							35		
Φ135							35		
Φ150							24		
Φ160							32		
Φ180							35		

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Model	Diameter (mm)	Length (mm)	Color	Bearing type	Bushing diameter(mm)	Bushing length(mm)	Steel shaft diameter(mm)	Steel shaft length(mm)	Steel shaft cross-section	Rotation (See from shaft end)
LW50×190-01	50	190	Black	External	4	10	4	12	/	C.C.W
LW50×380-01	50	380	Black	External	4	10	4	12	/	C.C.W
LW50×400-01	50	400	Natural colour	Built-in	6	/	6	/	/	C.W
LW50×570-01	50	570	Black	External	4	10	4	12	/	C.C.W
LW62×190-01	60	190	Black	External	4	10	4	12	/	C.C.W
LW62×380-01	60	380	Black	External	4	10	4	12	/	C.C.W
LW62×570-01	60	570	Black	External	4	10	4	12	/	C.C.W
LW71×80-01	71	80	Black	Built-in	8	/	8	60	/	C.W
LW71×120-01	71	120	Black	Built-in	8	/	8	60	/	C.C.W
LW90.4×375-01	90.4	375	Black	Built-in	4	/	6	60	15mm	C.W
LW90.4×615-01	90.4	615	Black	Built-in	8	/	8	60	15mm	C.W
LW90.4×750-01	90.4	750	Blue	External	8	30	6	25	/	C.C.W
LW91×250-01	91	250	/	External	8	10	6	25	/	C.W
LW91×560-01	91	560	Blue	Built-in	8	/	6	25	/	C.C.W
LW91×648-01	91	648	/	Built-in	8	/	6	22	/	C.C.W
LW108×523-01	108	523	Black	External	8	12	6	44	20mm	C.C.W
LW108×523-02	108	523	Black	External	6	/	6	25	/	C.C.W
LW107×660-01	107	660	Blue	Built-in	8	/	6	25	/	C.C.W
LW108×780-01	108	780	Blue	Built-in	8	/	6	25	/	C.C.W
LW108×800-01	108	800	Blue	External	8	18	6	28	/	C.C.W
LW108×800-02	108	800	Blue	External	8	14	6	25	/	C.C.W
LW108×830-01	108	830	Black	Built-in	8	/	6	25	/	C.C.W
LW108×830-02	108	830	Black	External	8	28	6	28	/	C.C.W
LW107×833-01	107	833	Black	Built-in	8	/	6	25	/	C.C.W
LW108×838-01	108	838	Blue	Built-in	8	/	6	27	/	C.C.W
LW108×900-01	108	900	Black	External	8	25	6	25	/	C.C.W
LW108×978-01	108	978	Blue	Built-in	8	/	6	28	/	C.C.W
LW107×660-01	108	660	Blue	Built-in	8	/	6	25	/	C.C.W
LW107×750-02	107	750	White	External	8	/	6	25	/	C.C.W
LW107×780-01	108	780	Blue	Built-in	8	/	6	25	/	C.C.W
LW107×800-01	107	800	Black	External	8	14	6	27	/	C.C.W

Model	Diameter (mm)	Length (mm)	Color	Bearing type	Bushing diameter(mm)	Bushing length(mm)	Steel shaft diameter(mm)	Steel shaft length(mm)	Steel shaft cross-section	Rotation (See from shaft end)
LW107×800-02	108	800	Blue	External	8	14	6	25	/	C.C.W
LW92×646-01	92	646	Blue	Built-in	8	/	6	25	/	C.C.W
LW95×520-01	95	520	Blue	External	8	14	6	25	/	C.C.W
LW95×540-01	95	540	Blue	External	8	14	6	25	/	C.C.W
LW95×620-01	95	620	Blue	Built-in	8	/	6	25	/	C.C.W
LW95×640-01	95	640	Blue	Built-in	8	/	6	25	/	C.C.W
LW95×650-01	95	650	Blue	External	8	14	6	25	/	C.C.W
LW95×660-01	95	660	Blue	External	8	14	6	25	/	C.C.W
LW95×680-01	95	680	Blue	Built-in	8	/	6	25	/	C.C.W
LW95×685-01	95	685	Black	External	8	30	6	25	/	C.C.W
LW95×700-01	95	700	Black	External	8	14	6	25	/	C.C.W
LW97×706-01	97	706	Black	External	8	14	6	25	/	C.C.W
LW95×710-01	95	710	Blue	Built-in	8	/	6	27	/	C.C.W
LW98×710-01	98	710	Black	External	8	24	6	25	/	C.C.W
LW106×725-01	106	725	Blue	External	8	14	6	27	/	C.C.W
LW100×743-01	100	743	Black	Built-in	8	5	6	25	/	C.C.W
LW111.5×753-01	111.5	753	Blue	Built-in	8	/	6	27	/	C.C.W
LW101×755-01	101	755	Black	Built-in	8	18	6	25	/	C.C.W
LW97×766-01	97	766	Black	Built-in	8	/	6	27	/	C.C.W
LW101.5×580-01	101.5	580	Blue	External	8	/	6	25	/	C.C.W
LW101.5×640-01	101.5	640	Blue	External	8	14	6	25	/	C.C.W
LW101.5×690-01	101.5	690	Blue	External	8	14	6	25	/	/
LW101.5×710-01	101.5	710	Blue	Built-in	8	/	6	25	/	/
LW101.5×710-02	101.5	710	Blue	External	8	14	6	25	/	/
LW101.5×740-01	101.5	740	Blue	Built-in	8	/	6	25	/	C.C.W
LW101.5×740-02	101.5	900	Blue	External	8	14	6	25	/	C.C.W
LW101.5×770-01	101.5	740	Blue	Built-in	8	/	6	25	/	C.C.W
LW101.5×775-01	101.5	770	Blue	Built-in	8	/	6	25	/	C.C.W
LW101.5×785-01	101.5	785	Blue	External	8	30	6	25	/	C.C.W
LW101.5×790-01	101.5	790	Black	Built-in	8	/	6	25	/	C.C.W
LW101.5×810-01	101.5	810	Blue	External	8	20	6	25	/	C.C.W

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Model	Diameter (mm)	Length (mm)	Color	Bearing type	Bushing diameter(mm)	Bushing length(mm)	Steel shaft diameter(mm)	Steel shaft length(mm)	Steel shaft cross-section	Rotation (See from shaft end)
LW101.5×810-02	101.5	810	Blue	Built-in	8	/	6	25	/	C.C.W
LW101.5×840-01	101.5	840	Black	Built-in	8	/	6	25	/	C.C.W
LW101.5×840-02	101.5	840	Black	External	8	14	6	25	/	/
LW101.5×860-01	101.5	860	Blue	Built-in	8	/	6	25	/	C.C.W
LW101.5×890-01	101.5	890	Blue	External	8	/	6	25	/	C.C.W
LW101.5×900-01	101.5	900	Blue	External	8	14	6	25	/	C.C.W
LW101.5×900-02	101.5	900	Blue	External	8	14	6	25	/	C.C.W
LW101.5×970-02	101.5	970	Blue	Built-in	8	/	6	25	/	C.C.W
LW101.5×1080-01	101.5	1080	Blue	External	8	20	6	25	/	C.C.W
LW107×840-01	107	840	Black	Built-in	8	/	6	25	/	C.C.W
LW95×710-02	95	710	Blue	External	8	/	6	25	/	C.C.W
LW95×710-03	95	710	Blue	External	8	30	6	25	/	C.C.W
LW95×730-01	95	730	Blue	Built-in	8	/	6	25	/	C.C.W
LW95×850-01	95	850	Blue	Built-in	8	5	6	25	/	C.C.W
LW100×790-01	100	790	Black	Built-in	8	/	6	25	/	C.C.W
LW100×850-01	100	850	Black	External	5	14	6	25	/	C.C.W
LW101×850-01	101	850	Black	Built-in	8	5	6	25	/	C.C.W
LW107×882-01	107	882	Black	External	8	14	6	25	/	C.C.W
LW106×895-01	106	895	Black	External	8	14	6	25	/	C.C.W
LW107×895-01	107	895	Blue	External	8	25	6	28	/	C.C.W
LW107×900-01	107	900	Blue	Built-in	8	/	6	25	/	C.C.W
LW107×900-02	107	900	Black	External	8	14	6	25	/	C.C.W
LW107×900-03	107	900	Blue	External	8	25	6	25	/	C.C.W
LW107×966-01	107	966	Blue	External	8	14	6	25	/	C.C.W
LW107×980-01	107	980	Blue	Built-in	8	/	6	25	/	C.C.W
LW107×1040-02	107	1040	Black	External	8	14	6	25	/	C.C.W
LW98×790-01	98	790	Black	Built-in	8	/	6	25	/	C.C.W
LW98×955-01	98	955	Black	External	8	14	6	27	/	C.C.W
LW118×955-01	118	955	Blue	Built-in	8	/	6	27	/	C.C.W
LW121×540-01	121	540	Blue	Built-in	8	/	6	30	/	C.W
LW121×790-01	121	790	Blue	Built-in	8	/	6	27	/	C.C.W

Model	Diameter (mm)	Length (mm)	Color	Bearing type	Bushing diameter(mm)	Bushing length(mm)	Steel shaft diameter(mm)	Steel shaft length(mm)	Steel shaft cross-section	Rotation (See from shaft end)
LW121×955-01	121	955	Blue	Built-in	8	/	6	25	/	C.C.W
LW121×1028-01	121	1028	Blue	Built-in	8	/	6	25	/	C.C.W
LW102×875-01	102	875	Black	External	8	14	6	25	/	C.C.W
LW102×570-01	102	570	Blue	Built-in	8	/	6	30	/	C.W
LW109×1025-01	109	1025	Blue	Built-in	8	/	6	15	/	C.C.W
LW109×700-01	109	700	Black	Built-in	8	/	6	25	/	C.C.W
LW105×420-01	105	420	Blue	Built-in	8	/	6	15	/	C.C.W
LW105×520-01	105	520	Blue	Built-in	8	/	6	30	/	C.C.W
LW105×525-01	105	525	Blue	Built-in	8	14	6	60	/	C.C.W
LW105×556-01	105	556	Black	External	8	10	6	30	/	C.C.W
LW105×624-01	105	624	Black	External	8	10	6	24	/	C.C.W
LW105×695-01	105	695	Blue	Built-in	8	/	6	25	/	C.C.W
LW105×790-01	105	790	Blue	Built-in	8	/	6	25	/	C.C.W
LW142×420-01	142	420	Black	Built-in	8	/	10	40	8.5×20mm	C.C.W
LW142×834-01	142	834	Black	Built-in	8	/	10	40	8.5×20mm	C.C.W
LW1115×790-01	115	790	Blue	Built-in	8	/	6	25	/	C.C.W
LW115×955-01	115	955	Blue	Built-in	8	/	6	25	/	C.C.W
LW115×1015-01	115	1015	Blue	External	8	25	6	25	/	C.C.W