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 BSCI ISO EAC UL LVD

LONGWELL®
Turn to Experts - HVAC&R

LONGWELL TECHNOLOGY

The Ventilation and Drive Technology Partner for Mission-Critical Environments



Professional Manufacturer of HVACR Fan & Motors

—— Plastic Axial Blades

Longwell Group
Longwell-China
Longwell-USA
Longwell-Russia
Longwell-Europe

LONGWELL®
Turn to Experts - HVAC&R

Axial Fan Impellers(Plastic)

Professional HVAC Fan &Motors Manufacturer





LW120x29

Material	ABS+GF
Axle hole	Φ3mm
Height	25mm
Weight	80g



LW130x45

Material	ABS+GF
Axle hole	Φ4mm
Height	45mm
Weight	38g



LW150x49-10

Material	ABS+GF
Axle hole	Φ8-7/5mm
Height	49mm
Weight	70g



LW151x51-10

Operating Direction	C.C.W
Mounting Hole	Φ6-4.55



LW170x65

Material	ABS+GF
Axle hole	Φ8mm
Height	65mm
Weight	100g



LW205x40

Material	Reforced AS,ABS,ABS,PP
Color	Customized



LW230x70

Material	ABS+GF
Axle hole	Φ8mm
Height	70mm
Weight	175g



LW260x91-5

Operating Direction	C.C.W
Mounting Hole	Φ8-7



LW265x95-3

Operating Direction	C.C.W
Mounting Hole	Φ8-6.5

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LW280x122-3

Operating Direction	C.C.W
Mounting Hole	Φ8-7-6



LW286x90-5

Operating Direction	C.C.W
Mounting Hole	Φ8-5



LW290x72

Material	Reforced AS,ABS,ABS,PP
Color	Customized



LW290x90

Material	Reforced AS,ABS,ABS,PP
Color	Customized



LW300x65

Material	Reforced AS,ABS,ABS,PP
Color	Customized



LW310x90

Material	Reforced AS,ABS,ABS,PP
Color	Customized



LW313x50.5-3

Operating Direction	C.C.W
Mounting Hole	Φ8



LW320x65

Material	Reforced AS,ABS,ABS,PP
Color	Customized



LW320x105-3

Operating Direction	C.W
Mounting Hole	Φ8



LW320x119-3

Operating Direction	C.C.W
Mounting Hole	Φ8-7-6



LW320x119-3

Operating Direction	C.W
Mounting Hole	Φ8-7-6



LW320x130

Material	Reforced AS,ABS,ABS,PP
Color	Customized



LW320x132

Material	Reforced AS,ABS,ABS,PP
Color	Customized



LW320x140

Material	Reforced AS,ABS,ABS,PP
Color	Customized



LW320x142

Material	ABS+GF
Axle hole	Φ8mm
Height	142mm
Weight	380g



LW320x142

Material	Reforced AS,ABS,ABS,PP
Color	Customized



LW320x143-3

Operating Direction	C.C.W
Mounting Hole	Φ8-7



LW325x137

Material	Reforced AS,ABS,ABS,PP
Color	Customized

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LW325x137

Material	Reforced AS,ABS,ABS,PP
Color	Customized



LW330x100

Material	ABS+GF
Axle hole	Φ8mm
Height	100mm
Weight	310g



LW350x95

Material	Reforced AS,ABS,ABS,PP
Color	Customized



LW350x130

Material	Reforced AS,ABS,ABS,PP
Color	Customized



LW355x138-3

Operating Direction	C.W
Mounting Hole	Φ8-7



LW375x125

Material	Reforced AS,ABS,ABS,PP
Color	Customized



LW375x125

Material	Reforced AS,ABS,ABS,PP
Color	Customized



LW375x125

Material	Reforced AS,ABS,ABS,PP
Color	Customized



LW380x130

Material	Reforced AS,ABS,ABS,PP
Color	Customized



LW380x130

Material	Reforced AS,ABS,ABS,PP
Color	Customized



LW385x116

Material	Reforced AS,ABS,ABS,PP
Color	Customized



LW385x116

Material	Reforced AS,ABS,ABS,PP
Color	Customized



LW388x75

Material	Reforced AS,ABS,ABS,PP
Color	Customized



LW388x75

Material	Reforced AS,ABS,ABS,PP
Color	Customized



LW389x119-3

Operating Direction	C.C.W
Mounting Hole	Φ8-7



LW390x140

Material	Reforced AS,ABS,ABS,PP
Color	Customized



LW390x140-3

Operating Direction	C.W
Mounting Hole	Φ8-7



LW391x40-5

Operating Direction	C.W
Mounting Hole	Φ8

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LW398x85

Material	Reforced AS,ABS,ABS,PP
Color	Customized



LW398x98

Material	Reforced AS,ABS,ABS,PP
Color	Customized



LW398x98

Material	Reforced AS,ABS,ABS,PP
Color	Customized



LW405x129

Material	Reforced AS,ABS,ABS,PP
Color	Customized



LW406x96-4

Operating Direction	C.W
Mounting Hole	Φ12-10



LW406x100

Material	ABS+GF
Axle hole	Φ12mm
Height	100mm
Weight	390g



LW398x118-5

Operating Direction	C.C.W
Mounting Hole	Φ12-10



LW400x115

Material	Reforced AS,ABS,ABS,PP
Color	Customized



LW400x122

Material	Reforced AS,ABS,ABS,PP
Color	Customized



LW407x65

Material	ABS+GF
Axle hole	Φ12mm
Height	56mm
Weight	395g



LW408x115

Material	Reforced AS,ABS,ABS,PP
Color	Customized



LW408x132

Material	Reforced AS,ABS,ABS,PP
Color	Customized



LW400x125-4

Operating Direction	C.C.W
Mounting Hole	Φ8



LW401x115-3

Operating Direction	C.W
Mounting Hole	Φ8-7



LW405x129

Material	Reforced AS,ABS,ABS,PP
Color	Customized



LW408x132

Material	Reforced AS,ABS,ABS,PP
Color	Customized



LW408x132-3

Operating Direction	C.C.W
Mounting Hole	Φ8-7



LW408x138

Material	Reforced AS,ABS,ABS,PP
Color	Customized

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LW415x125

Material	Reforced AS,ABS,ABS,PP
Color	Customized



LW415x125

Material	Reforced AS,ABS,ABS,PP
Color	Customized



LW418x130

Material	Reforced AS,ABS,ABS,PP
Color	Customized



LW420x155

Material	Reforced AS,ABS,ABS,PP
Color	Customized



LW420x155

Material	Reforced AS,ABS,ABS,PP
Color	Customized



LW429x119-3

Operating Direction	C.C.W
Mounting Hole	Φ8-7



LW420x80

Material	Reforced AS,ABS,ABS,PP
Color	Customized



LW420x120-3

Operating Direction	C.W
Mounting Hole	Φ8-7



LW420x140

Material	Reforced AS,ABS,ABS,PP
Color	Customized



LW439x153-3

Operating Direction	C.W
Mounting Hole	Φ8-7



LW440x150

Material	Reforced AS,ABS,ABS,PP
Color	Customized



LW440x150

Material	Reforced AS,ABS,ABS,PP
Color	Customized



LW420x145

Material	Reforced AS,ABS,ABS,PP
Color	Customized



LW420x149

Material	Reforced AS,ABS,ABS,PP
Color	Customized



LW420x149

Material	Reforced AS,ABS,ABS,PP
Color	Customized



LW450x66

Material	Reforced AS,ABS,ABS,PP
Color	Customized



LW450x155

Material	Reforced AS,ABS,ABS,PP
Color	Customized



LW450x155-4

Operating Direction	C.C.W
Mounting Hole	Φ12-10

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LW450x163

Material	Reforced AS,ABS,ABS,PP
Color	Customized



LW453x147

Material	Reforced AS,ABS,ABS,PP
Color	Customized



LW453x147

Material	Reforced AS,ABS,ABS,PP
Color	Customized



LW460x180

Material	Reforced AS,ABS,ABS,PP
Color	Customized



LW482x150

Material	Reforced AS,ABS,ABS,PP
Color	Customized



LW482x151-3

Operating Direction	C.C.W
Mounting Hole	Φ12-10



LW455x151-3

Operating Direction	C.W
Mounting Hole	Φ12-10



LW460x151

Material	Reforced AS,ABS,ABS,PP
Color	Customized



LW460x151

Material	Reforced AS,ABS,ABS,PP
Color	Customized



LW490x120

Material	Reforced AS,ABS,ABS,PP
Color	Customized



LW490x120

Material	Reforced AS,ABS,ABS,PP
Color	Customized



LW490x143.5-4

Operating Direction	C.W
Mounting Hole	Φ12.7-11.6



LW460x152-4

Operating Direction	C.C.W
Mounting Hole	Φ12-10



LW460x170

Material	Reforced AS,ABS,ABS,PP
Color	Customized



LW460x170

Material	Reforced AS,ABS,ABS,PP
Color	Customized



LW490x190

Material	Reforced AS,ABS,ABS,PP
Color	Customized



LW493x143

Material	Reforced AS,ABS,ABS,PP
Color	Customized



LW493x143

Material	Reforced AS,ABS,ABS,PP
Color	Customized

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LW496x139-3

Operating Direction	C.W
Mounting Hole	Φ12-10



LW500x85

Material	Reforced AS,ABS,ABS,PP
Color	Customized



LW520x140-3

Operating Direction	C.W
Mounting Hole	Φ12-10



LW528x125

Material	Reforced AS,ABS,ABS,PP
Color	Customized



LW536x154-3

Operating Direction	C.W
Mounting Hole	Φ12-10



LW550x124-3

Operating Direction	C.W
Mounting Hole	Φ12-10



LW550x125

Material	Reforced AS,ABS,ABS,PP
Color	Customized



LW550x179

Material	Reforced AS,ABS,ABS,PP
Color	Customized



LW556x170

Material	Reforced AS,ABS,ABS,PP
Color	Customized



LW556x170

Material	Reforced AS,ABS,ABS,PP
Color	Customized



Model	Outer Diameter (mm)	Height (mm)	Shaft sleeve ID (mm)	Blades-Qty	Rotation (CW/CCW)
LW205×40	205	40	/	4	/
LW290×72	290	72	External rotor	5	C.C.W
LW290×90	290	90	/	4	/
LW300×65	300	65	12	5	/
LW310×90	310	90	/	6	/
LW320×65	320	65	8	3	C.C.W
LW320×130	320	130	8	3	C.C.W
LW320×132	320	132	/	/	/
LW320×140	320	140	8	3	/
LW320×142	320	142	/	3	/
LW325×137	325	137	8-12	3	/
LW325×137	450	137	/	3	/
LW350×95	350	95	/	5	/
LW350×130	350	130	8-12	4	/
LW375×125	375	125	8	4	C.C.W
LW375×125	375	125	/	4	/
LW375×125	375	125	/	4	/
LW380×130	380	130	/	3	/
LW380×130	380	130	/	3	/
LW385×116	385	116	8-12	5	/

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Model	Outer Diameter (mm)	Height (mm)	Shaft sleeve ID (mm)	Blades-Qty	Rotation (CW/CCW)
LW385×116	385	116	/	5	/
LW388×75	388	75	/	6	/
LW388×75	388	75	12/12.7	5	C.W
LW390×140	390	140	/	4	/
LW398×85	398	85	12/12.7	5	C.C.W
LW398×98	398	98	12/12.7	5	C.W
LW398×98	420	80	/	5	/
LW400×115	400	115	/	5	/
LW400×122	400	122	8-12	4	/
LW405×129	405	129	8-12	3	/
LW405×129	405	129	/	/	/
LW408×115	408	115	8	3	/
LW408×132	408	132	8-12	3	/
LW408×132	408	132	/	3	/
LW408×138	408	138	12	3	/
LW415×125	415	125	8-12	4	/
LW415×125	415	125	/	3	/
LW418×130	418	130	/	4	/
LW420×80	420	80	12	6	C.W
LW420×140	420	140	6	4	/
LW420×145	420	145	14	3	C.C.W
LW420×149	420	149	8-12	4	/
LW420×149	420	149	/	4	/
LW420×155	420	155	12	4	C.W
LW420×155	420	155	/	4	/
LW440×150	440	150	/	4	/
LW440×150	440	150	8-12	4	/
LW450×66	450	66	/	5	/
LW450×155	450	155	12	4	/
LW453×147	453	147	8-12	4	/
LW450×163	450	183	/	3	/

Model	Outer Diameter (mm)	Height (mm)	Shaft sleeve ID (mm)	Blades-Qty	Rotation (CW/CCW)
LW453×147	453	147	/	4	/
LW460×170	460	170	/	3	/
LW460×170	560	170	8-12	3	/
LW460×151	460	151	12	3	C.W
LW460×151	460	151	/	3	/
LW460×180	460	180	12	3	/
LW482×150	482	482	8-12	3	/
LW490×120	490	120	/	6	/
LW490×120	490	590	8-12	6	/
LW490×190	490	190	/	4	/
LW493×143	493	143	/	3	/
LW493×143	493	143	/	4	/
LW500×85	500	85	14	5	/
LW528×125	528	128	/	/	/
LW550×125	550	125	/	/	/
LW550×179	550	170	14	4	C.C.W
LW556×170	556	170	/	4	/
LW556×170	556	556	8-12	4	/
LW556×170-2	556	170	/	4	/