



Heavy Duty Condenser Type

4-Blade Propellers



Typical Applications

- Air conditioning condensers
- Heat pumps, Heat exchangers
- Roof top air conditioners
- Walk-in refrigeration units
- General cooling/heating applications

Features

- High quality aluminum blades
- Interchangeable hubs available from 1/4" through 3/4" bores, may be attached on either intake or discharge side (purchase separately)

Mfg Part No	Rotation	-	Diameter (in)	Pitch (°)	-	Mfg Part No	Rotation
60-7173-01	CW	-	10	19	-	60-7174-01	CCW
60-7175-01	CW	-	10	23	-	60-7176-01	CCW
60-7177-01	CW	-	10	27	-	60-7178-01	CCW
60-7599-01	CW	-	10	33	-	60-7600-01	CCW
60-7179-01	CW	-	12	19	-	60-7180-01	CCW
60-7181-01	CW	-	12	23	-	60-7182-01	CCW
60-7183-01	CW	-	12	27	-	60-7184-01	CCW
60-7601-01	CW	-	12	33	-	60-7602-01	CCW
60-7185-01	CW	-	14	19	-	60-7186-01	CCW
60-7187-01	CW	-	14	23	-	60-7188-01	CCW
60-7189-01	CW	-	14	27	-	60-7190-01	CCW
60-7603-01	CW	-	14	33	-	60-7604-01	CCW
60-7191-01	CW	-	16	19	-	60-7192-01	CCW
60-7193-01	CW	-	16	23	-	60-7194-01	CCW
60-7195-01	CW	-	16	27	-	60-7196-01	CCW
60-7605-01	CW	-	16	33	-	60-7606-01	CCW
60-8002-01	CW	-	18	23	-	60-8003-01	CCW
60-5581-01	CW	-	18	27	-	60-5582-01	CCW
60-5583-01	CW	-	18	30	-	60-5584-01	CCW
60-5585-01	CW	-	18	33	-	60-5586-01	CCW
60-8004-01	CW	-	20	23	-	60-8005-01	CCW
60-5587-01	CW	-	20	27	-	60-5588-01	CCW
60-5589-01	CW	-	20	30	-	60-5590-01	CCW
60-5591-01	CW	-	20	33	-	60-5592-01	CCW
60-8041-01	CW	-	22	23	-	60-8042-01	CCW
60-5593-01	CW	-	22	27	-	60-5594-01	CCW
60-5595-01	CW	-	22	33	-	60-5596-01	CCW
60-8043-01	CW	-	24	23	-	60-8044-01	CCW
60-5597-01	CW	-	24	27	-	60-5598-01	CCW
60-5599-01	CW	-	24	33	-	60-5600-01	CCW
60-7607-01	CW	-	26	24	-	60-7608-01	CCW
60-7609-01	CW	-	26	27	-	60-7610-01	CCW
60-7611-01	CW	-	26	33	-	60-7612-01	CCW

Propeller Accessories

Interchangeable Hubs



Features

- All steel with extra metal in the two mounting surfaces (hex and round) for more secure fit.
- Hex on one side, round on the other (may use either side) – one inventory for all propellers.
- Zinc plated, coated with gold chromate for double protection.
- Mounting screws: zinc plated, heat treated, pan slotted – with locking serrations under the head – with nylock patch for added locking strength.
- 5/8" and 3/4" have keyway with extended body length for increased strength. Setscrews are heat treated, black oxide.

Mfg Part No	Bore (in)	Setscrews
60-7658-01	1/4	1
60-7658-02	5/16	1
60-7658-03	3/8	1
60-7658-04	1/2	2
60-7658-05	5/8	2
60-7658-06	3/4	2

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Middletown, NY	845-733-5666			Harrisburg, PA	717-558-0828	Williamsport, PA	570-323-4606



Universal Replacement Propellers

Large Steel Propellers

Heavy Duty Series, Clockwise Rotation

3-Blade



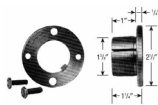
These units are designed for use in:

- Industrial Air Circulators
- Air Cooled Condensing Units
- Small Cooling Towers
- Agricultural Ventilation Equipment
- Large Unit Heaters
- Commercial and Industrial Equipment

Mfg Part No	Replaces	Dia (in)	Pitch (degree)	Blade Depth/Blade Width (in)
61-0937-01	60-5654-01	30	27	2-7/8/6
61-0939-01	60-5656-01	36	33	3-3/8/6

Split Tapered Bushings

H-Type



FEATURES

- For 1/2" through 1-5/8" bore ranges.
- Steel construction.

Split Tapered Bushings must be ordered separately:
H-Type for 24" – 48" sizes

Mfg Part No	Bore for 24-48" Props
60-3315-04	1/2
60-3315-05	5/8
60-3315-06	3/4
60-3315-07	7/8
60-3315-08	1
60-3315-01	1-1/8
60-3315-02	1-3/16
60-3315-09	1-1/4
60-3315-03	1-3/8

Blower Assemblies

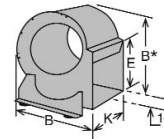


Belt Drive Blowers



Complete Blower Assemblies Consist of:

- Heavy gauge steel blower with shaft bearings
- Motor mounting bracket (3/4 HP max on sleeve bearing blowers, 1-1/2 HP max on ball bearing blowers)
- Vibro-Pads and mounting hardware
- Universal housing supports



With Ball Bearings

Mfg Part No	Model No	K	E	A	B	Shaft Size (in)
38-2434-20M	A12-12ACE	15-5/8	13-7/16	20-3/8	19-3/8	1x19-3/4

With Sleeve Bearings

Mfg Part No	Model No	K	E	A	B	Shaft Size (in)
38-2434-17M	A12-12ACE	15-3/4	13-7/16	20-7/16	19-5/16	1

Blower Wheels



Single Inlet Blower Wheels



Lau's complete galvanized Single Inlet Blower Wheels are designed for easy serviceability and are built to last in the toughest of applications as well as to reduce SKUs.

FEATURES

- Galvanized Steel Construction.
- Replaces several OEM designs, as shown, and more.
- Many can be bored to fit odd/larger sizes up to 5".
- Add bushings for smaller bore.
- Allen head setscrews for easy reversibility.

Mfg Part No	Max RPM	Diameter (in)	Width (in)	Rotation	Bore (in)
028957-39	3450	5-1/4	3-7/16	CW	1/2
028957-40	3450	5-1/4	3-7/16	CCW	1/2



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Blower Wheels



Double Inlet Blower Wheels

Direct Drive Wheels



FEATURES

- 9" – 11" Double Inlet features a new design ensuring more precise blade spacing and improved consistency in alignment and balance.
- Dynamically balanced, forward curved.
- Incorporates Preslok® center disc construction for positive blade retention.
- Provides higher RPM capability and industry proven reliability.

Mfg Part No	Lau Model	Bore Size (in)	Rotation	Center Disc	Max RPM
013336-02	DD 9-7A	1/2	CW	Convex	1750
013337-01	DD 9-8A	1/2	CW	Convex	1750
013332-01	DD 9-9A	1/2	CW	Concave	1750
013317-01	DD 10-9A	1/2	CW	Concave	1750
013316-02	DD 10-10A	1/2	CW	Concave	1750

Belt Drive - A Series



FEATURES

- Galvanized, Universal Replacement Preslok® wheels with two hubs for CW or CCW rotation
- Highest quality blower wheel available for heating and air conditioning use.
- Each blade is mechanically attached to the center disc by four steel fingers pressed through the hole in the blade for positive locking action.
- End rings are of deep section and center disc is airflow shaped with increased hub spread. Highest maximum speed in the Lau wheel line.

Mfg Part No	Lau Model	Bore Size (in)	Screw Set	Key Way	Max Wheel Cage RPM
008519-12	A9-9A	3/4	1	0.19x0.09	2400
008360-12	A10-10A	3/4	1	0.19x0.09	2100
008505-16	A12-9A	1	1	0.25x12	2500
008403-16	A12-12A	1	1	0.25x12	1800
008276-16	A15-15A	1	1	0.25x12	1550
008658-16	A18-18A	1	1	0.25x12	1200

Blower Parts & Accessories



Bearings

"Lau-Pak" - Sleeve Sealed Type Bearings with Insulator



Self-aligning, factory packed with a supply of plastic petroleum assuring proper lubrication during the long life of the bearing. Self-aligning, porous bronze sleeve pressed in housing.

Mfg Part No Per Pair	Shaft Dia (in)	OD (in)
38-2443-01	5/8	1-13/16
38-2443-02	3/4	1-13/16
38-2443-03	1	2-1/2

Cartridge Type Sleeve Bearings



This cartridge type bearing has been designed to give you fast, easy interchangeability. It will fit any "spider type" bracket used on 9", 10", and 12" blowers. Sintered bronze bushing pressed into steel bearing caps and cushioned in heavy neoprene conductive rubber. Factory packed with lubricant for many years of quiet, trouble-free service. The Cartridge Bearing with a Journal may permit use of old shaft.

Mfg Part No Per Pair	Shaft Dia (in)	OD (in)
38-2091-01 Mark IV	3/4 w/thrust & spacer	1-13/16
38-2272-01 Mark III	3/4 w/journal	1-13/16
38-2090-01	1	1-13/16

Lau Oil Type - Sleeve Bearings With Insulator



Self-aligning, self-oiling with bronze bushing held in housing under light, uniform spring pressure, providing uniform distribution of lubricant through pores of bushing. Drive type oil cup. Note: Shipped dry. Lubricate at time of installation with SAE 20 or 30 weight oil.

Mfg Part No Per Pair	Shaft Dia (in)	OD (in)
38-2404-01	5/8	1-13/16
38-2442-01	3/4	1-13/16
38-2442-02	1	2-1/2

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Blower Parts & Accessories

Bearings

Oil Type - Sleeve Bearings With Insulator



Self-aligning, self-oiling with sintered bronze bushings and drive type oil cups. Note: Re-lubricate with SAE 20 or 30 weight oil. (Due to wicking, may need to oil at time of installation.)

Mfg Part No Per Pair	Shaft Dia (in)	OD (in)
38-2450-01	3/4	1-27/32
38-2449-01	1	1-27/32
38-2094-01	1 Heavy Duty	2-1/2

Pillow Block Ball Bearings



Temperature Range: -30 to 200 F

- Durable cast-iron construction
- Pre-lubricated bearings.
- Re-greasable.

Mfg Part No Per Pair	Shaft Dia (in)	Spread (in)		Hole Size (in)	OD (in)
		Min	Max		
38-2567-01	3/4	3-5/8	3-7/8	9/16x13/32	3-5/16
38-2568-01	1	3-7/8	4-1/8	9/16x13/32	1-7/16
38-2569-01	1-3/16	4-1/2	4-3/4	3/4x9/16	1-11/16
38-2570-01	1-7/16	4-3/5	5	3/4x9/16	1-7/8

Pillow Block Sleeve Bearings



Heavy neoprene cushioned, re-oilable porous bronze bushing in a pressed steel ball unit held firmly in a housing of two-piece interlocking steel. This high quality self-aligning, static free, pillow block will assure quiet operation and many years of trouble-free performance.

Mfg Part No Per Pair	Shaft Dia (in)
38-2204-01	5/8
38-2086-01	3/4
38-2087-01	1
38-2093-01	1 Heavy Duty

Sealed Type Ball Bearings With Insulator



May be used on Lau Industrial Blowers and other applications.

For use when operating conditions exceed the limits of sleeve bearings or where repetitive failures occur. These bearings are pre-lubricated at the factory and require no further lubrication or attention. They are equipped with seals of positive grease retention and protection against contaminants. Note: Tighten locking collar in direction of rotation of shaft.

Mfg Part No Per Pair	Temp Range (F)	Shaft Diameter (in)	OD (in)
38-2588-01	-20, +180	3/4 with interlocking thrust collar	1-13/16
38-2590-01	-20, +180	1 with interlocking thrust collar	2-17/32
38-2562-01	-20, +180	1-3/16 with interlocking thrust collar	2-17/32

Installation Parts

Thrust Collar Kit



Sheet metal thrust collar in 3/4", 5/8", and 1" size. All with hollow head (Allen) setscrews. Kit consists of one pair packaged with thrust washers.

Mfg Part No Per Pair	Shaft Diameter (in)
38-2431-01	5/8
38-2206-01	3/4
38-2207-01	1

Thrust Spacer Kit



Packaged 12 per bag.

Mfg Part No Per Dozen	Shaft Diameter (in)
38-2491-01	5/8
38-2491-02	3/4
38-2491-03	1

Vibro-Pads - 5/16" Hole



Resilient rubber pads snap easily into place. Reduces vibration, wear and noise on blowers, fans, motors, etc. (packaged 12 per bag).

Mfg Part No Per Pair
38-2209-01

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Installation Parts

Motor Adjustment Grommets



Resilient rubber tips for use with tailpiece assembly to reduce motor vibration and noise. Pack of 6.

Mfg Part No
38-2525-01

Shafts



When a bearing fails, the shaft is inevitably scored. If not replaced, it will destroy the new bearings. Premium shafting is ground and polished 1018 cold rolled steel. Excess shaft may be cut off. (Keyways and/or Flats are to be added as required in the field.)

Mfg Part No	Diameter	Length (in)	Shaft
38-2205-01	5/8	20	Solid
38-2096-01	3/4	20	Solid
38-2693-01	3/4	35	Solid
38-2095-01	1	25	Solid
38-2492-01	1	35	Solid

Belts & Pulleys

Variable Pitch Motor Pulleys For 4L or A Belts



Features:

- Precision built for perfect balance, assuring smooth, quiet, vibration less performance.
- Permits speed variation of approximately 30%.
- Grooves are accurately finished for proper belt seating, insuring maximum drive efficiency and long belt life.
- Corrosion resistant finish.
- Tested for true running (std keyway on all sizes except 1/2".)

Mfg Part No	Shaft Size (in)	OD (in)
270-069-01	1/2	3-1/4 Cast Iron
270-072-01	5/8	3-1/4 Cast Iron
270-089-17	1/2	4 Cast Iron
270-089-12	5/8	4 Cast Iron
024768-01	3/4	3-1/4 Cast Iron
024768-05	1	4 Cast Iron

Blower Pulleys (Fixed Pitch)



Whether steel, die cast, or cast iron, all pulleys are tested for smooth, true running to insure quiet operation and long belt life. Note: For applications over 1 HP, use cast iron pulleys.

Mfg Part No	Shaft Size (in)	Diameter (in)	Material
38-2213-01	3/4	5	Steel
38-2615-01	1	5	Steel
38-2508-01	5/8	6	Steel
38-2214-01	3/4	6	Steel
38-2215-01	3/4	7	Steel
38-2216-01	1	7	Steel
38-2222-01	1	10	Steel
38-2617-01	1	12	Steel

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