

SINGLE INLET BLOWER WHEELS

Galvanized - 3¹³/₁₆" - 10" Diameter

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 (for plastic wheels, see Page 37).
- Replaces several OEM designs, as shown, and more.
- Many can be bored to fit odd/larger sizes up to 5/8".
- Add bushings for smaller bore sizes (see Page 36).
- Allen head setscrews for easy reversibility.
- Can combine two to *replace double inlet wheels* (see Technical Tips at the bottom, right of this page).

TYPICAL APPLICATIONS

- Fan Coil Units
- Room Air Conditioners
- Draft Inducers
- Power Burners
- Heaters
- Packaged Terminal Air Conditioners (PTAC) systems



3¹³/₁₆" - 10" DIAMETER

Lau Part Number	Max. RPM	Diameter	Width	Rotation	Bore	OEM Applications
028957-66	4500	3 ¹³ / ₁₆ "	1 ¹ / ₃₂ "	CW	1/4"	Draft Inducers
028957-67	4500	3 ¹³ / ₁₆ "	1 ¹ / ₃₂ "	CCW	1/4"	Draft Inducers
028957-68	4500	3 ¹³ / ₁₆ "	1 ¹ / ₈ "	CW	5/16"	Draft Inducers, Evcon
028957-69	4500	3 ¹³ / ₁₆ "	1 ⁷ / ₈ "	CCW	5/16"	Draft Inducers
028957-70	4500	3 ¹³ / ₁₆ "	2 ¹ / ₂ "	CW	5/16"	Draft Inducers, Reznor
028957-71	4500	3 ¹³ / ₁₆ "	2 ¹ / ₂ "	CCW	5/16"	Draft Inducers, Reznor
028957-72	4500	3 ²⁷ / ₃₂ "	1 ¹ / ₄ "	CW	1/4"	Carrier, Draft Inducers
028957-73	4500	3 ²⁷ / ₃₂ "	1 ¹ / ₄ "	CCW	1/4"	Carrier, Draft Inducers
028957-74	4500	4"	1 ¹ / ₂ "	CCW	5/16"	Lennox, Carrier
028957-75	4500	4"	2 ¹ / ₂ "	CCW	1/4"	Carrier, Amana, Draft Inducers
028957-76	4500	4 ¹ / ₄ "	2"	CCW	1/4"	Carrier, Draft Inducer
028957-21	4500	4 ¹ / ₄ "	2 ¹ / ₂ "	CW	3/8"	
028957-22	4500	4 ¹ / ₄ "	2 ¹ / ₂ "	CCW	3/8"	
028957-77	4500	4 ¹ / ₄ "	2 ¹⁵ / ₁₆ "	CCW	1/4"	Lennox, Carrier, Draft Inducers
028957-25	3450	4 ³ / ₄ "	2 ¹ / ₈ "	CW	1/2"	
028957-26	3450	4 ³ / ₄ "	2 ¹ / ₈ "	CCW	1/2"	
028957-27	3450	4 ³ / ₄ "	2 ¹ / ₂ "	CW	1/2"	
028957-28	3450	4 ³ / ₄ "	2 ¹ / ₂ "	CCW	1/2"	
028957-29	3450	4 ³ / ₄ "	2 ¹⁵ / ₁₆ "	CW	1/2"	
028957-30	3450	4 ³ / ₄ "	2 ¹⁵ / ₁₆ "	CCW	1/2"	
028957-31	3450	4 ³ / ₄ "	3 ⁷ / ₁₆ "	CW	1/2"	
028957-32	3450	4 ³ / ₄ "	3 ⁷ / ₁₆ "	CCW	1/2"	
028957-33	3450	5 ¹ / ₄ "	2 ¹ / ₈ "	CW	1/2"	
028957-34	3450	5 ¹ / ₄ "	2 ¹ / ₈ "	CCW	1/2"	
028957-35	3450	5 ¹ / ₄ "	2 ¹ / ₂ "	CW	1/2"	Carrier
028957-36	3450	5 ¹ / ₄ "	2 ¹ / ₂ "	CCW	1/2"	Carrier
028957-37	3450	5 ¹ / ₄ "	2 ¹⁵ / ₁₆ "	CW	1/2"	
028957-38	3450	5 ¹ / ₄ "	2 ¹⁵ / ₁₆ "	CCW	1/2"	
028957-39	3450	5 ¹ / ₄ "	3 ⁷ / ₁₆ "	CW	1/2"	
028957-40	3450	5 ¹ / ₄ "	3 ⁷ / ₁₆ "	CCW	1/2"	
028957-78	3450	5 ⁵ / ₈ "	1 ⁹ / ₁₆ "	CCW	1 ⁹ / ₁₆ "	Carrier, Draft Inducers
028957-53	3450	5 ³ / ₄ "	2 ¹ / ₈ "	CW	1/2"	
028957-54	3450	5 ³ / ₄ "	2 ¹ / ₈ "	CCW	1/2"	
028957-55	3450	5 ³ / ₄ "	2 ¹ / ₂ "	CW	1/2"	
028957-56	3450	5 ³ / ₄ "	2 ¹ / ₂ "	CCW	1/2"	
028957-57	3450	5 ³ / ₄ "	2 ¹⁵ / ₁₆ "	CW	1/2"	
028957-58	3450	5 ³ / ₄ "	2 ¹⁵ / ₁₆ "	CCW	1/2"	
028957-59	3450	5 ³ / ₄ "	3 ⁷ / ₁₆ "	CW	1/2"	Friedrich
028957-60	3450	5 ³ / ₄ "	3 ⁷ / ₁₆ "	CCW	1/2"	.
028957-61	3450	5 ³ / ₄ "	3 ¹³ / ₁₆ "	CW	1/2"	.
028957-62	3450	5 ³ / ₄ "	3 ¹³ / ₁₆ "	CCW	1/2"	
028957-79	3450	5 ³ / ₄ "	4"	CW	1/2"	
028957-80	3450	5 ³ / ₄ "	4"	CCW	1/2"	
028957-81	2000	6 ¹ / ₄ "	4"	CW	1/2"	
028957-82	2000	6 ¹ / ₄ "	4"	CCW	1/2"	

ROTATION
Single Inlet Wheels
from closed end
(backplate)



TECHNICAL TIP:

Double Inlet Wheels may be duplicated in the field using *Single* Inlet Wheels by:

- Using one CW and one CCW single wheel back to back (may be different widths to make up space required, but diameters must be the same).
- For wheels too close to apparatus to reach with a wrench, tighten wheels to shaft by using extended "T" Allen wrench inserted through a notch in one of the blades in each wheel.
- CAUTION:** To avoid potential vibration, allow slight air gap (min. 1/32") between wheels.

Maximum Operating Temperature - 200°F.

Continued on Page 36

Specifications are subject to change without notice or obligation.

BLOWER WHEELS



SINGLE INLET BLOWER WHEELS

Galvanized – 3¹³/₁₆" - 10" Diameter, continued

3¹³/₁₆" - 10" DIAMETER

Lau Part Number	Max. RPM	Diameter	Width	Rotation	Bore	OEM Applications
028957-41	2000	6 ¹ / ₁₆ "	2 ¹ / ₁₆ "	CW	1/2"	
028957-42	2000	6 ¹ / ₁₆ "	2 ¹ / ₁₆ "	CCW	1/2"	
028957-43	2000	6 ¹ / ₁₆ "	2 ¹ / ₂ "	CW	1/2"	
028957-44	2000	6 ¹ / ₁₆ "	2 ¹ / ₂ "	CCW	1/2"	
028957-45	2000	6 ¹ / ₁₆ "	2 ⁵ / ₁₆ "	CW	1/2"	
028957-46	2000	6 ¹ / ₁₆ "	2 ⁵ / ₁₆ "	CCW	1/2"	
028957-47	2000	6 ¹ / ₁₆ "	3 ¹ / ₁₆ "	CW	1/2"	
028957-48	2000	6 ¹ / ₁₆ "	3 ¹ / ₁₆ "	CCW	1/2"	
028957-49	2000	6 ¹ / ₁₆ "	3 ³ / ₁₆ "	CW	1/2"	
028957-50	2000	6 ¹ / ₁₆ "	3 ³ / ₁₆ "	CCW	1/2"	
028957-51	2000	6 ¹ / ₄ "	4 ¹ / ₄ "	CW	1/2"	
028957-52	2000	6 ¹ / ₄ "	4 ¹ / ₄ "	CCW	1/2"	
020491-53	2500	7 ³ / ₃₂ "	3 ⁵ / ₃₂ "	CW	1/2"	
020491-54	2500	7 ³ / ₃₂ "	3 ⁵ / ₃₂ "	CCW	1/2"	
020491-55	2500	7 ³ / ₃₂ "	4"	CW	1/2"	Carrier
020491-56	2500	7 ³ / ₃₂ "	4"	CCW	1/2"	Carrier
020491-57	2500	7 ¹ / ₂ "	2"	CW	1/2"	
020491-58	2500	7 ¹ / ₂ "	2"	CCW	1/2"	
020491-15	2500	7 ¹ / ₁₆ "	2 ¹ / ₄ "	CW	1/2"	
020491-42	2500	7 ¹ / ₁₆ "	2 ¹ / ₄ "	CCW	1/2"	
020491-59	2500	7 ¹ / ₂ "	2 ¹ / ₂ "	CW	1/2"	
020491-60	2500	7 ¹ / ₂ "	2 ¹ / ₂ "	CCW	1/2"	
020491-61	2000	7 ¹ / ₂ "	2 ³ / ₄ "	CW	1/2"	
020491-62	2000	7 ¹ / ₂ "	2 ³ / ₄ "	CCW	1/2"	
020491-63	1800	7 ¹ / ₂ "	3 ⁵ / ₃₂ "	CW	1/2"	
020491-64	1800	7 ¹ / ₂ "	3 ⁵ / ₃₂ "	CCW	1/2"	
020491-24	1650	7 ¹ / ₁₆ "	2 ³ / ₄ "	CW	1/2"	
020491-25	1650	7 ¹ / ₁₆ "	2 ³ / ₄ "	CCW	1/2"	
020491-37	1650	7 ¹ / ₁₆ "	3 ¹ / ₄ "	C-W	1/2"	
020491-20	1650	7 ¹ / ₁₆ "	3 ¹ / ₄ "	CCW	1/2"	
020491-65	1650	7 ¹ / ₂ "	4"	CW	1/2"	Carrier
020491-66	1650	7 ¹ / ₂ "	4"	CCW	1/2"	Carrier
020487-63	1650	8"	3 ³ / ₁₆ "	CW	1/2"	
020487-64	1650	8"	3 ³ / ₁₆ "	CCW	1/2"	
020487-65	1650	8"	4"	CW	1/2"	
020487-66	1650	8"	4"	CCW	1/2"	
020487-67	1650	8 ¹ / ₂ "	3 ³ / ₁₆ "	CW	1/2"	
020487-68	1650	8 ¹ / ₂ "	3 ³ / ₁₆ "	CCW	1/2"	
020487-05	1650	8 ¹ / ₂ "	3 ³ / ₄ "	CW	1/2"	
020487-06	1650	8 ¹ / ₂ "	3 ³ / ₄ "	CCW	1/2"	
020487-69	1650	8 ¹ / ₂ "	4"	CW	1/2"	
020487-70	1650	8 ¹ / ₂ "	4"	CCW	1/2"	
020487-71	1400	8 ¹ / ₂ "	4 ¹ / ₄ "	CW	1/2"	
020487-72	1750	8 ¹ / ₂ "	4 ¹ / ₄ "	CCW	1/2"	
020487-38	1750	8 ¹ / ₂ "	4 ¹ / ₄ "	CW	1/2"	
020487-39	1750	8 ¹ / ₂ "	4 ¹ / ₄ "	CCW	1/2"	
020553-38	1750	9"	5"	CW	1/2"	
020553-39	1750	9"	5"	CCW	1/2"	
020553-01	1750	9 ¹ / ₈ "	3 ³ / ₄ "	CW	1/2"	
020553-03	1750	9 ¹ / ₈ "	3 ³ / ₄ "	CCW	1/2"	
020553-02	1750	9 ¹ / ₈ "	4 ¹ / ₄ "	CW	1/2"	Carrier
020553-04	1750	9 ¹ / ₈ "	4 ¹ / ₄ "	CCW	1/2"	Carrier
013511-10	1750	9 ¹³ / ₁₆ "	6"	CCW	5/8"	Fedders
020553-40	1750	10"	4"	CW	1/2"	Thermadore
020553-41	1750	10"	4"	CCW	1/2"	

Maximum Operating Temperature – 200°F.



STEEL SHAFT ADAPTER BUSHINGS* Zinc Finish



For use with Single Inlet Wheels.

Part No.	Diameter		Length
	O.D.	I.D.	
029421-01	5/16"	1/4"	1"
029421-02	3/8"	1/4"	1 ¹ / ₁₆ "
029421-03	3/8"	5/16"	1 ¹ / ₁₆ "
029421-04	1/2"	5/16"	1 ¹ / ₁₆ "
029421-05	1/2"	3/8"	1 ¹ / ₁₆ "
029421-06	5/8"	1/2"	1 ¹ / ₁₆ "
029421-07	3/4"	5/8"	1 ¹ / ₄ "

* Must be ordered in multiples of 6.

TECHNICAL TIP:

Shaft adapters shown are used when a smaller bore diameter is required but not readily available. Use only one bushing for each hub.

Specifications are subject to change without notice or obligation.

SINGLE INLET BLOWER WHEELS

Plastic – 5 $\frac{3}{8}$ " - 8 $\frac{3}{8}$ " Diameter

FEATURES

- Steel hub clamps.
- Molded from high strength polymer material.
- Superior acoustic characteristics.

MANUFACTURED FOR MANY OEMS AS NOTED BELOW:

Lau Part Number	Dia.	Width	Rotation	Bore	OEM Applications	Max. RPM
053794-15	5 $\frac{3}{8}$ "	2 $\frac{1}{2}$ "	CCW	$\frac{1}{2}$ "	Frigidaire	3450
053794-01	5 $\frac{3}{8}$ "	2 $\frac{1}{2}$ "	CCW	$\frac{5}{16}$ "	Humidifiers - Sears, Lau, etc.	3450
053794-02	6 $\frac{1}{8}$ "	3 $\frac{7}{8}$ "	CW	$\frac{1}{2}$ "	Carrier, GE, Trane	3450
053794-03	6 $\frac{1}{8}$ "	3 $\frac{7}{8}$ "	CCW	$\frac{1}{2}$ "	Carrier, GE, Trane	3450
053794-04	6 $\frac{7}{8}$ "	2 $\frac{13}{16}$ "	CW	$\frac{1}{2}$ "	Amana, Friedrich, Goodman	3450
053794-05	6 $\frac{7}{8}$ "	2 $\frac{13}{16}$ "	CCW	$\frac{1}{2}$ "	Amana, Friedrich, Goodman	3450
053794-06	7 $\frac{7}{16}$ "	3 $\frac{1}{16}$ "	CW	$\frac{1}{2}$ "	Friedrich	2500
053794-07	7 $\frac{7}{16}$ "	3 $\frac{3}{16}$ "	CCW	$\frac{1}{2}$ "	Friedrich	2500
053794-08	7 $\frac{1}{2}$ "	2 $\frac{29}{32}$ "	CW	$\frac{1}{2}$ "	Cold Point, Frigidaire	2500
053794-09	7 $\frac{5}{8}$ "	3 $\frac{21}{32}$ "	CW	$\frac{1}{2}$ "	Frigidaire, ICP	2000
053794-10	7 $\frac{25}{32}$ "	3 $\frac{7}{8}$ "	CCW	$\frac{1}{2}$ "	Amana	1800
053794-11	8 $\frac{1}{16}$ "	3 $\frac{3}{32}$ "	CW	$\frac{1}{2}$ "	Frigidaire, Friedrich	1650
053794-12	8 $\frac{3}{8}$ "	3 $\frac{5}{32}$ "	CW	$\frac{1}{2}$ "	Amana, Cold Point, Frigidaire	1650
053794-13	8 $\frac{3}{8}$ "	3 $\frac{5}{32}$ "	CCW	$\frac{1}{2}$ "	Amana, Cold Point, Frigidaire	1650
053794-14	8 $\frac{3}{8}$ "	3 $\frac{5}{8}$ "	CW	$\frac{1}{2}$ "	Amana, Cold Point, Frigidaire	1650

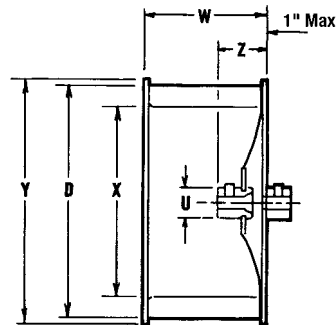
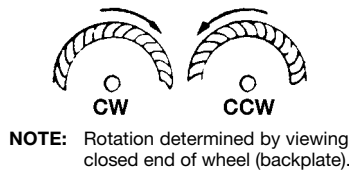
Maximum Operating Temperature – 150°F.



FEATURES

- All steel galvanized construction.
- Forward curved fan blades for quiet, efficient performance.
- All wheels are dynamically balanced.
- 10" - 18" diameter wheels are spun assembled construction.
- 22" - 30" diameter wheels are precision riveted construction.

Galvanized Single Inlet for Lau FGP & BD Series Blowers



Lau Part Number	Wheel Model	Bore Size	Rot.	Max. Wheel Cage RPM	Y	W	D	X	U	Z	No. Hubs	Hub Loc.	No. Setscrews Per Hub	Key-Way
012398-57	SI 10-6A	$\frac{3}{4}$ "	CW	1650	11 $\frac{1}{8}$	6	10 $\frac{5}{8}$	8 $\frac{3}{8}$	1 $\frac{3}{4}$	2 $\frac{29}{32}$	1	In	2	None
012398-58	SI 10-6A	$\frac{3}{4}$ "	CCW	1650	11 $\frac{1}{8}$	6	10 $\frac{5}{8}$	8 $\frac{3}{8}$	1 $\frac{3}{4}$	2 $\frac{29}{32}$	1	In	2	None
014747-08	SI 12-6A	$\frac{3}{4}$ "	CW	1350	13 $\frac{3}{16}$	6	12 $\frac{1}{2}$	10 $\frac{3}{16}$	1 $\frac{3}{4}$	2 $\frac{29}{32}$	1	In	2	None
014747-09	SI 12-6A	$\frac{3}{4}$ "	CCW	1350	13 $\frac{3}{16}$	6	12 $\frac{1}{2}$	10 $\frac{3}{16}$	1 $\frac{3}{4}$	2 $\frac{29}{32}$	1	In	2	None
014528-01	SI 15-6A	1"	CW	1200	15 $\frac{1}{2}$	6	15	12 $\frac{1}{2}$	1 $\frac{3}{4}$	3 $\frac{1}{32}$	1	In	2	None
014528-03	SI 15-6A	1"	CCW	1200	15 $\frac{1}{2}$	6	15	12 $\frac{1}{2}$	1 $\frac{3}{4}$	3 $\frac{1}{32}$	1	In	2	None
020740-01	SI 15-9A	1"	CW	1050	15 $\frac{1}{2}$	9 $\frac{1}{2}$	15	12 $\frac{3}{8}$	1 $\frac{3}{4}$	3 $\frac{1}{32}$	2	In-Out	2-0	None
020740-04	SI 15-9A	1"	CCW	1050	15 $\frac{1}{2}$	9 $\frac{1}{2}$	15	12 $\frac{3}{8}$	1 $\frac{3}{4}$	3 $\frac{1}{32}$	2	In-Out	2-0	None
020202-03	SI 18-9A	1"	CW	1050	18 $\frac{3}{8}$	9	18 $\frac{1}{2}$	14 $\frac{11}{16}$	2 $\frac{1}{4}$	2 $\frac{29}{32}$	2	In-Out	1-0	$\frac{1}{4}$ x $\frac{1}{8}$
020202-04	SI 18-9A	1"	CCW	1050	18 $\frac{3}{8}$	9	18 $\frac{1}{2}$	14 $\frac{11}{16}$	2 $\frac{1}{4}$	2 $\frac{29}{32}$	2	In-Out	1-0	$\frac{1}{4}$ x $\frac{1}{8}$
026186-01	SI 18-13A	1"	CW	960	18 $\frac{3}{8}$	13 $\frac{1}{2}$	18 $\frac{1}{2}$	14 $\frac{11}{16}$	2 $\frac{1}{4}$	3 $\frac{1}{16}$	2	In-Out	1-1	$\frac{1}{4}$ x $\frac{1}{8}$
026186-02	SI 18-13A	1"	CCW	960	18 $\frac{3}{8}$	13 $\frac{1}{2}$	18 $\frac{1}{2}$	14 $\frac{11}{16}$	2 $\frac{1}{4}$	3 $\frac{1}{16}$	2	In-Out	1-1	$\frac{1}{4}$ x $\frac{1}{8}$
019965-03+A	SI 22-11K	1 $\frac{3}{16}$ "	CW	900	23 $\frac{1}{4}$	11 $\frac{1}{4}$	22	17 $\frac{7}{8}$	2 $\frac{1}{4}$	3 $\frac{1}{2}$	2	In-Out	2-1	$\frac{1}{4}$ x $\frac{1}{8}$
019965-06+A	SI 22-11K	1 $\frac{3}{16}$ "	CCW	900	23 $\frac{1}{4}$	11 $\frac{1}{4}$	22	17 $\frac{7}{8}$	2 $\frac{1}{4}$	3 $\frac{1}{2}$	2	In-Out	2-1	$\frac{1}{4}$ x $\frac{1}{8}$
019966-05**	SI 25-12K	1 $\frac{3}{16}$ "	CW	750	26 $\frac{1}{4}$	12 $\frac{3}{4}$	25	20 $\frac{3}{8}$	2 $\frac{1}{4}$	3 $\frac{1}{2}$	2	In-Out	2-1	$\frac{1}{4}$ x $\frac{1}{8}$
019966-04**	SI 25-12K	1 $\frac{3}{16}$ "	CCW	750	26 $\frac{1}{4}$	12 $\frac{3}{4}$	25	20 $\frac{3}{8}$	2 $\frac{1}{4}$	3 $\frac{1}{2}$	2	In-Out	2-1	$\frac{1}{4}$ x $\frac{1}{8}$
021071-03**	SI 27 $\frac{1}{2}$ -14K	1 $\frac{7}{16}$ "	CW	700	28 $\frac{3}{8}$	13 $\frac{15}{16}$	27 $\frac{1}{2}$	23 $\frac{3}{8}$	2 $\frac{1}{4}$	3 $\frac{1}{2}$	2	In-Out	2-1	$\frac{1}{4}$ x $\frac{1}{8}$
021071-04**	SI 27 $\frac{1}{2}$ -14K	1 $\frac{7}{16}$ "	CCW	700	28 $\frac{3}{8}$	13 $\frac{15}{16}$	27 $\frac{1}{2}$	23 $\frac{3}{8}$	2 $\frac{1}{4}$	3 $\frac{1}{2}$	2	In-Out	2-1	$\frac{1}{4}$ x $\frac{1}{8}$
021072-03**	SI 30-15K	1 $\frac{7}{16}$ "	CW	625	31 $\frac{1}{4}$	15 $\frac{3}{16}$	30	25 $\frac{3}{8}$	2 $\frac{1}{4}$	4 $\frac{1}{8}$	2	In-Out	2-1	$\frac{1}{4}$ x $\frac{1}{8}$
021072-04**	SI 30-15K	1 $\frac{7}{16}$ "	CCW	625	31 $\frac{1}{4}$	15 $\frac{3}{16}$	30	25 $\frac{3}{8}$	2 $\frac{1}{4}$	4 $\frac{1}{8}$	2	In-Out	2-1	$\frac{1}{4}$ x $\frac{1}{8}$

Maximum Operating Temperature – 200°F.

* Braced + Must ship via common carrier. A Special Order Only – allow 6 to 8 weeks lead time.

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