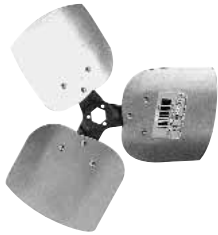


UNIVERSAL REPLACEMENT PROPELLERS



HEAVY DUTY CONDENSER TYPE

3-Blade Propellers



WHEN SHOULD YOU REPLACE A PROPELLER?

Propeller balance is very sensitive. All Lau props are balanced AFTER the label has been applied to the blade. Balance is subject to change from even the slightest of pressure (such as simply resting the motor and propeller assembly on the ground after disassembly from a condensing unit). This is especially true of original equipment props as they are constructed of lighter gauge material.

If a puller must be used to remove a prop from a motor shaft, it is very likely that the propeller will be distorted from the pressure.

For the nominal cost of a propeller versus the cost of a new motor, it makes sense to consider replacing the prop with a Lau Parts Heavy Duty Replacement designed to hold its balance in the toughest of applications and ensure years of continued service.

FEATURES

- 3-blade configuration is normally used in low pressure applications.
- 4- and 5-blade configurations are suited for higher static pressures.
- Square pressure-type blades are required for most condenser applications.
- High quality aluminum blades.
- Interchangeable hubs available from 1/4" through 3/4" bore, may be attached on either intake or discharge side (purchase separately).
- Pitches available for most common horsepower and motor speeds up to 1725 RPM in both CW and CCW rotations.
- Each propeller clearly labeled as to pitch, diameter, rotation and maximum RPM.
- Available for immediate delivery from stock.

TYPICAL APPLICATIONS

- Air Conditioning Condensers
- Power Roof Ventilators
- Heat Pumps
- Heat Exchangers
- Roof Top Air Conditioners
- Commercial and Industrial Equipment
- Unit Heaters
- Agricultural Ventilation Equipment
- Walk-in Refrigeration Units
- General Cooling/Heating Applications

TECHNICAL TIP:

Propeller rotation is determined by viewing the air discharge side or by using the "sandbox" method described on Page 4.

Part Number	Rot.	Dia. (")	Pitch	RPM	Static Pressure										Pack
					.0" WC		.1" WC		.2" WC		.3" WC		.4" WC		
					CFM	HP	CFM	HP	CFM	HP	CFM	HP	CFM	HP	
60-2652-01* 60-2653-01*	CW	10"	27°	1075	443	.013	213	.018	96	.019					2
				1140	471	.016	255	.020	115	.027					
	CCW	10"	27°	1550	632	.027	508	.034	335	.040	229	.048			
60-7161-01 60-7162-01	CW	12"	19°	1075	559	.015	309	.021	169	.026				2	
				1140	587	.017	378	.023	204	.028					
	CCW	12"	19°	1550	800	.032	674	.040	490	.047	353	.055	260		.061
60-7163-01 60-7164-01	CW	12"	23°	1075	720	.019	543	.027	263	.033				2	
				1140	769	.022	608	.029	327	.037	162	.041			
	CCW	12"	23°	1550	1037	.045	936	.053	792	.064	543	.075	407		.084
60-7165-01 60-7166-01	CW	14"	23°	1075	1060	.031	806	.041	499	.053				2	
				1140	1120	.035	893	.047	602	.058	397	.074			
	CCW	14"	23°	1550	1512	.071	1395	.086	1172	.102	927	.116	757		.134
60-7167-01 60-7168-01	CW	14"	27°	1075	1211	.037	951	.047	610	.060	338	.077		2	
				1140	1275	.046	1065	.057	723	.069	485	.087			
	CCW	14"	27°	1550	1717	.103	1586	.117	1388	.133	1116	.149	895		.169
60-7169-01 60-7170-01	CW	16"	19°	1075	1415	.046	1218	.057	774	.071	518	.085		2	
				1140	1500	.053	1322	.063	962	.079	641	.093	413		.107
	CCW	16"	19°	1550	2014	.111	1890	.125	1751	.142	1555	.161	1187		.181
				1725	2212	.140	2105	.155	1988	.174	1844	.195	1620	.219	

* Same propellers are shown under Free Air Type on Page 7.

NOTE: Order Hubs Separately (see Page 14).

Specifications are subject to change without notice or obligation.



UNIVERSAL REPLACEMENT PROPELLERS

HEAVY DUTY CONDENSER TYPE 3-Blade Propellers, Continued

Part Number	Rot.	Dia. (")	Pitch	RPM	Static Pressure										Pack
					.0" WC		.1" WC		.2" WC		.3" WC		.4" WC		
					CFM	HP	CFM	HP	CFM	HP	CFM	HP	CFM	HP	
60-7171-01 60-7172-01	CW	16"	23°	1075	1613	.054	1432	.068	1080	.083	689	.101	349	.112	2
				1140	1725	.062	1556	.076	1234	.091	806	.110	562	.128	
	CCW	16"	23°	1550	2299	.140	2181	.158	2044	.178	1860	.200	1556	.222	
				1725	2538	.184	2438	.204	2320	.225	2170	.247	1960	.271	
60-5561-01 60-5562-01	CW	18"	27°	830	2138	.068	1741	.083	970	.097	597	.122			2
				1075	2736	.131	2489	.142	2182	.169	1464	.187	1057	.211	
	CCW	18"	27°	1140	2910	.155	2664	.164	2399	.192	1900	.220	1269	.237	
				1625	3957	.390	3776	.392	3595	.417	3409	.454	3189	.495	
60-5563-01 60-5564-01	CW	18"	30°	825	2236	.080	1820	.093	1028	.110	640	.138			2
				1075	2908	.164	2596	.166	2256	.199	1582	.220	1136	.244	
	CCW	18"	30°	1140	3066	.189	2804	.195	2524	.226	2022	.257	1351	.274	
				1625	4370	.548	4192	.540	4003	.564	3817	.605	3612	.652	
60-5565-01 60-5566-01	CW	18"	33°	825	2453	.095	2032	.105	1209	.122	746	.149			2
				1075	3127	.197	2857	.193	2534	.223	1802	.249	1252	.271	
	CCW	18"	33°	1140	3321	.229	3063	.229	2765	.259	2174	.292	1483	.306	
				1625	4588	.570	4448	.583	4292	.605	4109	.637	3882	.676	
60-5567-01 60-5568-01	CW	20"	27°	850	2500	.072	2100	.085	1460	.105	950	.122			2
				1000	2970	.115	2600	.135	2170	.155	1600	.175			
	CCW	20"	27°	1140	3360	.170	3070	.200	2700	.230	2280	.250			
				850	2750	.100	2400	.110	1740	.125	1150	.150			
60-5569-01 60-5570-01	CW	20"	30°	1000	3250	.140	3000	.157	2400	.190	1850	.210			2
				1140	3700	.220	3480	.240	3150	.253	2660	.300			
	CCW	20"	30°	850	2950	.110	2570	.120	1850	.140	1300	.170			
				1000	3500	.175	3170	.190	2550	.217	2000	.240			
60-5571-01 60-5572-01	CW	20"	33°	1140	4000	.250	3700	.270	3400	.300	2860	.350			2
				850	3930	.200	3650	.220	3200	.240	2500	.275			
	CCW	22"	27°	1000	4700	.340	4400	.360	4050	.380	3600	.400			
				1140	5330	.500	5100	.530	4800	.570	4500	.620			
60-5573-01 60-5574-01	CW	22"	33°	850	4600	.300	4250	.330	3800	.360	3100	.380			2
				1000	5450	.490	5150	.510	4800	.522	4380	.553			
	CCW	22"	33°	1140	6200	.720	5950	.753	5600	.810	5300	.850			
				825	4844	.237	4302	.241	3855	.286	1819	.315	1247	.384	
60-5577-01 60-5578-01	CW	24"	27°	1075	6277	.492	5834	.492	5518	.537	5195	.590	4769	.643	2
				1140	6632	.583	6170	.584	5872	.633	5588	.688	5267	.742	
	CCW	24"	27°	1625	9151	1.533	8669	1.481	8427	1.536	8229	1.605	8049	1.679	
				825	5335	.300	4708	.307	4244	.364	1931	.395	1444	.472	
60-5579-01 60-5580-01	CW	24"	33°	1075	6956	.640	6432	.635	6092	.688	5758	.747	5346	.803	2
				1140	7538	.747	6889	.725	6550	.780	6233	.848	5877	.919	
	CCW	24"	33°	1625	10072	1.857	9698	1.885	9421	1.949	9194	2.017	8985	2.087	
				825	5335	.300	4708	.307	4244	.364	1931	.395	1444	.472	

NOTE: Order Hubs Separately (see Page 14).

SHIPPING NOTE: Most Lau products are suitable for normal parcel shipping services such as FedEx or UPS. However, some products are too large and must be shipped via common carrier.

Next Day or 2nd Day parcel service: most products are suitable for such expedited services at special handling costs. However, due to the bulkiness of the majority of products featured in this catalog, you can avoid unpleasant surprises by checking with our Customer Service to verify cost before you request expedited service.

DID YOU KNOW?

You can replace a 3-blade condenser fan with a 4-blade or 5-blade fan. If you do this, choose a replacement that matches the CFM required as nearly as possible. Ensure the brake HP required **does not** exceed the nameplate rating of the motor.

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