

## LIMITED WARRANTY

**This warranty is extended to the original purchaser only.** It does not cover damages incurred during shipping or through accident, neglect, or abuse by the owner. Essick Air Products does not authorize any person or representative to assume any other or different liability in connection with this cooler.

### Terms and conditions of warranty

The **bottom pan** is guaranteed against leakage due to rusting out for **five years**. All other original parts provided by Essick Air Products are warranted against defects in material or factory workmanship for One Year.

### Exclusions from the warranty

Essick Air Products is not responsible for incidental or consequential damage resulting from any malfunction.

Essick Air Products is not responsible for any damage occurring from the use of water softeners, chemicals, descale material, or if a higher horsepower motor than what Essick Air Products recommends is used in the unit.

Essick Air Products is not responsible for the cost of service calls to diagnose cause of trouble, or labor charge to repair and/or replace parts.

### How to obtain service under this warranty

Contact the Dealer where you purchased the evaporative cooler. If for any reason you are not satisfied with the response for the Dealer, contact Customer Service Department: Essick Air Products Inc. 5800 Murray Street, Little Rock, Arkansas 72209. 1-800-643-8341.

No.	Description	N30S (qty)	N40/45S (qty)	N55/65S (qty)	N31D (qty)	N43/48D (qty)	N56/66D (qty)
1	Blower cutoff	501583	504294	70568	501583	504280	70568
2	Front panel	70757	70756	504237			
3	Pump	506669	506669	506674	506669	506669	506674
4	Pump bracket	504281	504281	504281	504281	504281	504281
5	Float valve	502389	502389	502389	502389	502389	502389
6	Water hose	598401	598474	598472	598474	598474	598472
7	Splash baffle				70256 (2)	70256 (2)	70256 (2)
8	Blower housing	513028	513039	513027	513029	513026	513027
9	Bottom pan	70761	70759	504219	504215	504217	504219
10	Blower wheel	30318	30322	30323	30318	30322	30323
11	Shaft	30241	30238-02	30238-01	30241	30238-02	30238-01
12	Bearing	70926 (2)	60PB (2)	60PB (2)	583000 (2)	60PB (2)	60PB (2)
13	Thrust washer	501244 (2)	501241 (2)	501241 (2)	501244 (2)	501241 (2)	501241 (2)
14	Blower pulley	583009	30314	30314	583009	30314	30314
15	Belt	582093	582085	582088	582086	582085	582088
16	Motor pulley	30315	30315	30316	30315	30315	30316
17	Saddle clamps	524162	524162	524162	524162	524162	524162
18	Motor**	581188	581188/50310	50310/30491	581188	581188/50310	50310/30491
19	Motor cord	595129	595129	595129	595129	595129	595129
20	Float bracket	70413	70413	70413	70413	70413	70413
21	Overflow assembly	70613	70613	70613	70613	70613	70613
22	Tube holder	524304 (3)	524304 (6)	524304 (6)	524304 (4)	524304 (8)	524304 (8)
23	Motor mount	515160	512574	590509	515160	512574	590509
24	Water distributor	512251	512548	512546	512549	512547	512545
25	Top pan	70760	70758	504205	504201	504204	504205
26	Junction box	504265	504265	504265	504265	504265	504265
27	Pump receptacle	595121	595121	595121	595121	595121	595121
28	Motor receptacle	595098	595098	595098	595098	595098	595098
29	Pad retainer (back)	504255 (3)	504256 (9)	504257 (12)	504255 (6)	504256 (12)	504257 (16)
*	Pad retainer (side)	504253 (6)			504253 (6)		
30	Pad set	512558	512561	512563	512560	512562	512564
31	Louver (back)	504260	504285 (3)	504264 (3)	504260 (2)	504285 (4)	504264 (4)
*	Louver assembly (back)	70941	70945 (3)	70946 (3)	70943 (2)	70945 (4)	70946 (4)
32	Water tray (back)	504268	504269 (3)	504270 (3)	504268 (2)	504269 (4)	504270 (4)
33	Corner post (w/float hole)	504304	504246	504249	504304	504246	504249
*	Corner post (plain)	504303	504245	504248	504303 (3)	504245 (3)	504248 (3)
34	Blower brace	504302 (2)	504296 (2)	504301 (2)	504308 (4)	504289 (4)	504302 (4)
35	Bearing support	70925	70924	70923	70925	70924	70923
36	Pump basket	70801	70801	70801	70801	70801	70801
*	Louver (side)	504258 (2)			504258 (2)		
*	Louver assembly (side)	70940 (2)			70942 (2)		
*	Water tray (side)	504266 (2)			504266 (2)		
*	Set collar	524330	524331	524331	524330	524331	524331

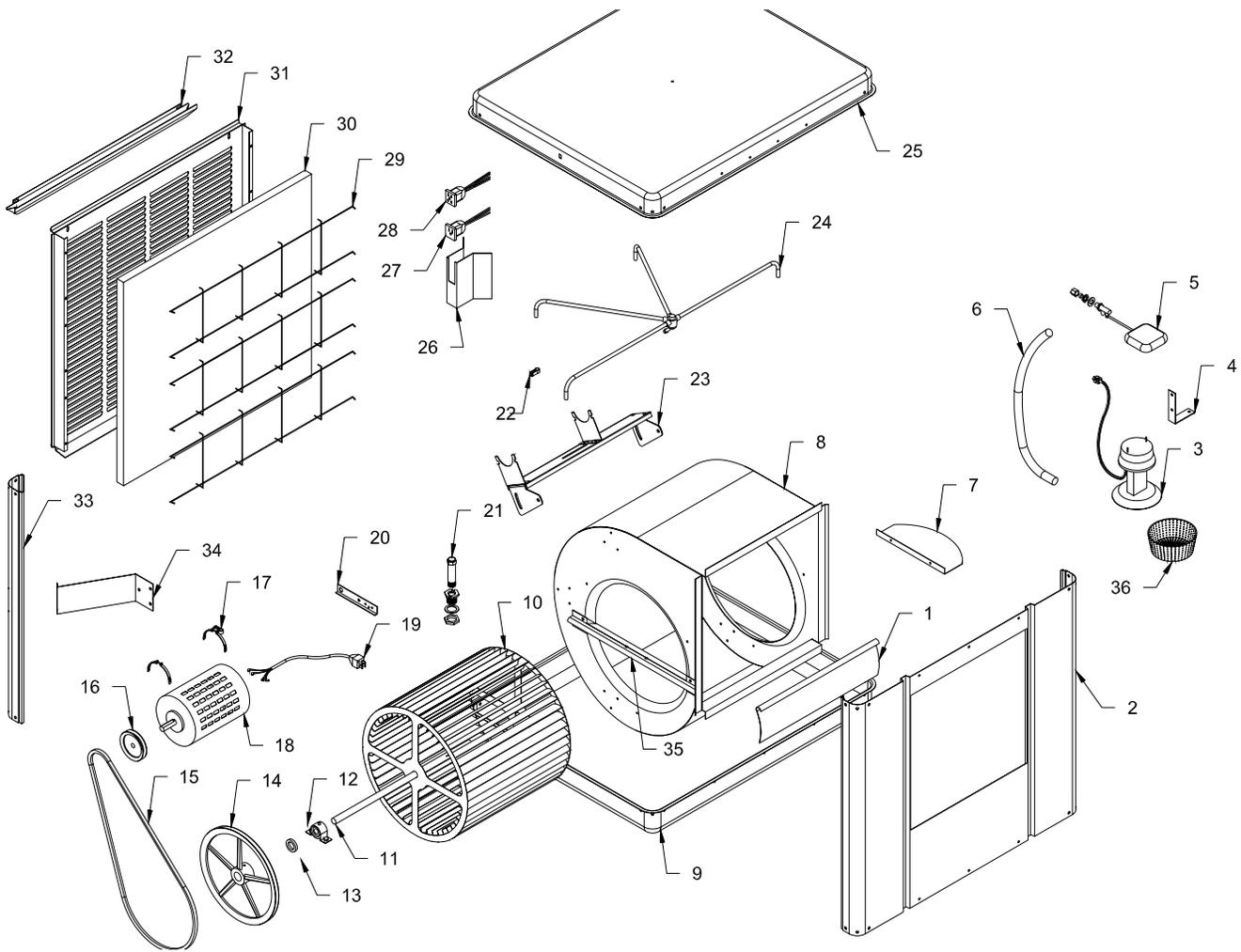
\*Not shown

\*\*Motor sold separately

Quantity 1 unless otherwise shown.

Louver assemblies include louver, water tray, pad and pad retainers

## Replacement Parts



### Cooling Your Home

Your cooler and doors, windows, or vents make up the two parts of your air cooling system. You control the airflow to your rooms by opening doors, windows, or vents. You must have door, window, or vent openings to let air out when your cooler is running. The total opening amount of open area you need is shown below.

Model	Total Open Area
N30S & N31D	6 Square feet minimum
N40/45S & N43/48D	9 Square feet minimum
N55/65S & N56/66D	12 Square feet minimum

### Getting The Best Performance From Your Cooler

Your Evaporative Cooler is engineered to give years of trouble free operation: however, there are ways to increase the life span and performance of your cooler.

#### Maintenance

Maintenance is the most important thing you can do to insure maximum cooling and trouble free operation. Service your cooler at the beginning of the season and inspect it several times during the season.

### Filter Pads

Change the filter pads at least twice a year. Hard water areas may require more frequent filter changes.

#### Bleed Off

A bleed off system is simple, inexpensive and easy to install. It will greatly reduce the amount of mineral deposits in your cooler and extend the life of your pads and your cooler.

#### Insulation and Attic Vents

An insulated home is much easier to cool. Insulating ductwork increases cooling efficiency by reducing heat gain in your duct work. Also, attic vents keep your attic cooler and makes your coolers job easier and your house more comfortable.

#### Shading

Mounting a cooler in the shade or the sun makes little difference as to temperature of the air produced by the cooler. However, placing the cooler in the shade will deny algae the sunlight it requires to grow and may extend the life of your pads.