

3/4 to 4 Ton Capacity Custom Capacities Available

LRC's Mini Air Cooled Condensers (ACC) are manufactured for years of dependable service and provide maximum heat transfer efficiency. Available in 3/4 to 4-ton capacity, LRC's direct drive Mini Air Cooled Condensers are designed to meet the latest specifications and energy regulations, and are thoroughly tested to guarantee reliable performance. LRC's experienced team of Application Engineers can design a single ACC unit or OEM models to meet your specific needs.



- 6 Mini Air Cooled Condensers units are available from 3/4 to 4 nominal tons, and any unit can be custom designed to meet your specifications
- Efficient 1140 R.P.M. direct drive motors are quiet and dependable
- Motors are factory wired to a control box for easy installation
- Galvanized steel casing provides corrosion protection for years of service
- Vertical air discharge standard. Horizontal air discharge also available, call factory for details
- Efficient coil design ensures maximum heat transfer performance
- Refrigerants – R22, R134A, R404A, R410, R502 and R507
- ETL certified



Options Available – Call for details

Multi-circuiting

Controlling multiple refrigeration systems with a single ACC unit is available upon request

Flooded condenser

3-way modulating valves (controlled by discharge pressure) can be installed prior to shipping

Motors

High efficiency motors available to save energy. Low RPM, low noise units, and variable speed fan motors and controls are available, call for details

Fins

8 to 14 fins per inch available. Copper fins, or phenolic, epoxy, or polyester coated aluminum fins can be ordered.

Sub-cooling unit

Can be built into the condenser upon request

Custom Configurations

Units can be designed to meet any unique or specialized application. Call LRC's Application Engineers for more information.

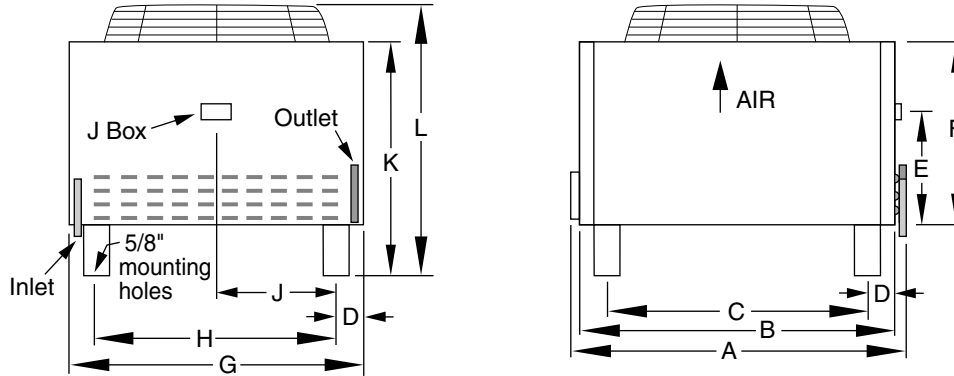
Product Number Designation Example

ACC-3/4 can be broken down as

ACC = Air Cooled Condenser
3/4 = BTU/H times 10,000

ACC-3/4 =

Air cooled condenser producing
7,500 BTUs per hour



ACC Dimensional Data

Model No.	A	B	C	D	E	F	G	H	J	K	L
ACC-3/4	23 3/4	22	17 1/2	2 1/4	8 5/8	11 1/2	20	15 1/2	8 3/4	17 1/2	21 1/2
ACC-1	23 3/4	22	17 1/2	2 1/4	8 5/8	11 1/2	20	15 1/2	8 3/4	17 1/2	21 1/2
ACC-1 1/2	23 3/4	22	17 1/2	2 1/4	8 5/8	11 1/2	20	15 1/2	8 3/4	17 1/2	21 1/2
ACC-2	26 3/4	25	20 1/2	2 1/4	10 5/8	16	26 3/4	22 1/4	11 1/2	22	25 1/2
ACC-3	26 3/4	25	20 1/2	2 1/4	10 5/8	16	26 3/4	22 1/4	11 1/2	22	25 1/2
ACC-4	26 3/4	25	20 1/2	2 1/4	10 5/8	16	26 3/4	22 1/4	11 1/2	22	25 1/2

Physical Data

Model No.	CFM	Motor HP	230V AMPS	Fan Dia	Inlet MPT	Outlet MPT	Ship Weight	Notes
ACC-3/4	1,850	1/6	2.6	16	1/2	1/2	75	<ul style="list-style-type: none"> • Mounting legs are shipped with unit and must be installed prior to unit installation. • All Dimensions are in inches. • All mounting holes are 5/8" diameter. • Units are available in horizontal air flow arrangements. Contact LRC's Applications Engineers for details.
ACC-1	1,800	1/6	2.6	16	1/2	1/2	80	
ACC-1 1/2	1,650	1/6	2.6	16	1/2	1/2	90	
ACC-2	2,250	1/6	2.6	18	1/2	1/2	160	
ACC-3	2,300	1/4	2.7	18	1/2	1/2	200	
ACC-4	3,800	3/4	4.2	20	1 1/8	7/8	250	

1 fan per unit

Capacities

Model No.	# of Cir.	Max # Circuits	Cap./Cir. (lbs.)	BTUH/Cir. 1 TD	Condenser capacities for R22					
					1 TD	10 TD	15 TD	20 TD	25 TD	30 TD
ACC-3/4	2	18	0.3	0.22	0.43	4.3	6.5	8.6	10.8	12.9
ACC-1	3	18	0.3	0.20	0.58	5.8	8.7	11.6	14.5	17.4
ACC-1 1/2	3	18	0.3	0.27	0.83	8.3	12.5	16.6	20.8	24.9
ACC-2	3	24	0.42	0.37	1.09	10.9	16.4	21.8	27.3	32.7
ACC-3	4	24	0.42	0.42	1.68	16.8	25.2	33.6	42.0	50.4
ACC-4	5	24	0.5	0.45	2.24	22.4	33.6	44.8	56.0	67.2

All capacities are in MBH (MBH x 1000 = BTUH)
 For R12 or R134A multiply above rating by .95
 For R502, R404, or R507 multiply above rating by .98
 Standard condenser circuiting are based on:
 25°F TD for R22
 20°F TD for R12 or R134A
 15°F TD for R404A, R502 or R507

OUR UNCONDITIONAL GUARANTEE

We're proud of the workmanship that goes into every LRC product. Because of our exacting design and manufacturing standards, and our thorough testing prior to shipping, we unconditionally guarantee our products to be free from manufacturing defects for one year. You can count on LRC Coil for quality heat transfer products.



Our Application Engineers can help you design the system you need. Call us today, 562-944-1969, and we'll get you get the right LRC product for your project.

At LRC, we are continuously working to improve our products, therefore, we reserve the right to make changes without notice.