



Single-Inlet Residential Ducted Evaporative Coolers

Hold thicker media than multiple-inlet coolers, which increases contact time with the warm input air for more thorough evaporation. These coolers are used in new installations and as replacements for existing single-inlet coolers. Find Residential Ducted Evaporative Cooler Accessories on Grainger.com.



2YA-E9

Average Coverage Area	Air Flow	Pad Thickness	H	W	D	Brand	Item No.
Drive Package With Motor Not Included							
Down Discharge							
1600 sq ft	4,000 to 5,000 cfm	8 in	28 in	42 in	45 in	Mastercool	2YAF3
1600 sq ft	4,000 to 5,000 cfm	12 in	28 in	42 in	49 in	Mastercool	2YAE8
2200 sq ft	5,400 to 7,000 cfm	8 in	34 3/4 in	42 in	48 in	Mastercool	2YAF1
2200 sq ft	5,400 to 7,000 cfm	12 in	34 3/4 in	42 in	52 in	Mastercool	2YAE6
Side Discharge							
1600 sq ft	4,000 to 5,000 cfm	8 in	28 in	42 in	45 in	Mastercool	2YAF4
1600 sq ft	4,000 to 5,000 cfm	12 in	28 in	42 in	49 in	Mastercool	2YAE9
2200 sq ft	5,400 to 7,000 cfm	8 in	34 3/4 in	42 in	48 in	Mastercool	2YAF2
2200 sq ft	5,400 to 7,000 cfm	12 in	34 3/4 in	42 in	52 in	Mastercool	2YAE7

Average Coverage Area	Air Flow	Pad Thickness	HP	H	W	D	Operating Weight	Brand	1 SPEED 115/230VAC Item No.	1 SPEED 115VAC Item No.	2 SPEED 115VAC Item No.	2 SPEED 120VAC Item No.	2 SPEED 230VAC Item No.
Drive Package With Motor Factory Installed													
Down Discharge													
1000 to 1400 sq ft	4,800 cfm	12 in	3/4 hp	27 1/4 in	42 in	47 in	260.1 lb	Dayton	—	—	—	4RNP8	—
1400 sq ft	6,800 cfm	8 in	1 hp	32 1/4 in	42 in	43 in	260.1 lb	Dayton	—	—	—	4RNP1	—
1400 sq ft	6,800 cfm	12 in	1 hp	32 1/4 in	42 in	47 in	299.3 lb	Dayton	—	—	—	4RNP6	—
1800 sq ft	5,000 cfm	8 in	3/4 hp	28 in	42 in	45 in	233 lb	Mastercool	—	—	19R761	—	—
1800 sq ft	5,000 cfm	12 in	3/4 hp	28 in	42 in	49 in	263 lb	Mastercool	—	—	19R760	—	—
2300 sq ft	7,000 cfm	8 in	1 hp	34 3/4 in	42 in	48 in	269 lb	Mastercool	—	—	19R758	—	—
2300 sq ft	7,000 cfm	12 in	1 hp	34 3/4 in	42 in	52 in	306 lb	Mastercool	—	—	19R759	—	—
Side Discharge													
1000 to 1400 sq ft	4,800 cfm	12 in	3/4 hp	27 1/4 in	42 in	47 in	260.1 lb	Dayton	—	—	—	4RNP9	—
1400 sq ft	6,800 cfm	8 in	1 hp	32 1/4 in	42 in	43 in	260.1 lb	Dayton	—	—	—	4RNP2	—
1400 sq ft	6,800 cfm	12 in	1 hp	32 1/4 in	42 in	47 in	260.1 lb	Dayton	—	—	—	4RNP7	—
1800 sq ft	5,000 cfm	8 in	3/4 hp	28 in	42 in	45 in	233 lb	Mastercool	—	—	19R765	—	—
1800 sq ft	5,000 cfm	12 in	3/4 hp	28 in	42 in	49 in	263 lb	Mastercool	—	—	19R764	—	—
2300 sq ft	7,000 cfm	8 in	1 hp	34 3/4 in	42 in	48 in	269 lb	Mastercool	—	—	19R763	—	—
2300 sq ft	7,000 cfm	12 in	1 hp	34 3/4 in	42 in	52 in	306 lb	Mastercool	—	—	19R762	—	—
Drive Package With Motor Included, Requires Assembly													
Down Discharge													
1600 sq ft	4,000 cfm	8 in	1/2 hp	28 in	42 in	45 in	227 lb	Mastercool	—	7AA70	7AA69	—	—
1600 sq ft	4,000 cfm	12 in	1/2 hp	28 in	42 in	49 in	257 lb	Mastercool	—	7AC08	7AC07	—	—
1600 sq ft	4,400 cfm	8 in	1/2 hp	28 in	42 in	45 in	227 lb	Mastercool	7AA62	7AA68	7AA67	—	7AA66
1600 sq ft	4,400 cfm	12 in	1/2 hp	28 in	42 in	49 in	257 lb	Mastercool	7AC00	7AC06	7AC05	—	7AC04
1600 sq ft	5,000 cfm	8 in	3/4 hp	28 in	42 in	45 in	227 lb	Mastercool	—	7AA65	7AA64	—	7AA63
1600 sq ft	5,000 cfm	12 in	3/4 hp	28 in	42 in	49 in	257 lb	Mastercool	—	7AC03	7AC02	—	7AC01
2200 sq ft	5,400 cfm	8 in	1/2 hp	34 3/4 in	42 in	48 in	263 lb	Mastercool	7AA81	7AA90	7AA89	—	7AA88
2200 sq ft	5,400 cfm	12 in	1/2 hp	34 3/4 in	42 in	52 in	300 lb	Mastercool	7AC19	7AC28	7AC27	—	7AC26
2200 sq ft	6,000 cfm	8 in	3/4 hp	34 3/4 in	42 in	48 in	263 lb	Mastercool	—	7AA87	7AA86	—	7AA85
2200 sq ft	6,000 cfm	12 in	3/4 hp	34 3/4 in	42 in	52 in	300 lb	Mastercool	—	7AC25	7AC24	—	7AC23
2200 sq ft	7,000 cfm	8 in	1 hp	34 3/4 in	42 in	48 in	263 lb	Mastercool	7AA82	—	7AA83	—	7AA84
2200 sq ft	7,000 cfm	12 in	1 hp	34 3/4 in	42 in	52 in	300 lb	Mastercool	7AC20	—	7AC21	—	7AC22
Side Discharge													
1600 sq ft	4,000 cfm	8 in	1/2 hp	28 in	42 in	45 in	227 lb	Mastercool	—	7AA61	7AA60	—	—
1600 sq ft	4,000 cfm	12 in	1/2 hp	28 in	42 in	49 in	257 lb	Mastercool	—	7AA99	7AA98	—	—
1600 sq ft	4,000 cfm	12 in	1/2 hp	28 in	42 in	49 in	257 lb	Mastercool	7AA91	7AA97	7AA96	—	7AA95
1600 sq ft	4,400 cfm	8 in	1/2 hp	28 in	42 in	45 in	227 lb	Mastercool	7AA53	7AA59	7AA58	—	7AA57
1600 sq ft	4,400 cfm	8 in	3/4 hp	28 in	42 in	45 in	227 lb	Mastercool	—	7AA56	7AA55	—	7AA54
1600 sq ft	4,400 cfm	12 in	3/4 hp	28 in	42 in	49 in	257 lb	Mastercool	—	7AA94	7AA93	—	7AA92
2200 sq ft	5,400 cfm	8 in	1/2 hp	34 3/4 in	42 in	48 in	263 lb	Mastercool	7AA71	7AA80	7AA79	—	7AA78
2200 sq ft	5,400 cfm	12 in	1/2 hp	34 3/4 in	42 in	52 in	300 lb	Mastercool	7AC09	7AC18	7AC17	—	7AC16
2200 sq ft	6,000 cfm	8 in	3/4 hp	34 3/4 in	42 in	48 in	263 lb	Mastercool	—	7AA77	7AA76	—	7AA75
2200 sq ft	6,000 cfm	12 in	3/4 hp	34 3/4 in	42 in	52 in	300 lb	Mastercool	—	7AC15	7AC14	—	7AC13
2200 sq ft	7,000 cfm	8 in	1 hp	34 3/4 in	42 in	48 in	263 lb	Mastercool	7AA72	—	7AA73	—	7AA74
2200 sq ft	7,000 cfm	12 in	1 hp	34 3/4 in	42 in	52 in	300 lb	Mastercool	7AC10	—	7AC11	—	7AC12



49LW87



35LX47



Window Evaporative Coolers

■ 2" pad thickness

Units pull in warm outdoor air, pass it through wet media to remove heat, and blow out the cooled air. At the end of the cooling season, these coolers can be drained and their media can be dried out for long-term storage. Units require no connection to ductwork, sheet metal cutting, or grille assembly.

Average Coverage Area	Air Flow	HP	Evaporative Cooler Voltage	Water Cap.	No. of Speeds	H	W	D	Operating Weight	Brand	Mfr. Model	Item No.
Window Evaporative Coolers												
400 to 600 sq ft	2,800 cfm	1/2 hp	115V AC	3.6 gal	2	24 in	27 in	17 in	105 lb	Essick Air	N28W	2YAD8
600 to 1100 sq ft	4,000 cfm	1/2 hp	115V AC	11.0 gal	2	34 1/2 in	34 1/2 in	41 1/2 in	214 lb	Champion	RWC44	55ET79
1000 sq ft	4,800 cfm	1/2 hp	115V AC	15.0 gal	2	35 1/4 in	34 in	43 1/2 in	262.4 lb	Dayton	4RNN6	4RNN6
1000 to 1400 sq ft	2,800 cfm	1/2 hp	120V AC	6.3 gal	2	27 in	22 in	31 in	95.9 lb	Dayton	4RNN8	4RNN8
1000 to 1400 sq ft	3,800 cfm	1/2 hp	115V AC	10.4 gal	2	28 1/4 in	28 1/4 in	38 3/4 in	180.8 lb	Dayton	4RNN7	4RNN7
1200 to 1600 sq ft	4,700 cfm	1/2 hp	115V AC	9.3 gal	2	34 1/2 in	34 1/2 in	34 1/2 in	249 lb	Essick Air	RN50W	2YAD5
1400 sq ft	4,200 cfm	1/2 hp	115V AC	13.5 gal	2	34 1/2 in	34 1/2 in	34 1/2 in	246 lb	Essick Air	RN46W	54XH55
1600 sq ft	3,200 cfm	1/2 hp	115V AC	2.0 gal	3	46 1/2 in	33 3/4 in	22 1/2 in	115.05	Mastercool	MCP44	39ET21
2000 sq ft	4,000 cfm	1/2 hp	115V AC	2.0 gal	3	46 1/2 in	33 3/4 in	22 1/2 in	100 lb	Mastercool	MCP59	49LW87

Item	For Use With	Includes	Item No.
Accessories			
Grille Cover	MCP44, MCP44E, MCP59, WPL44, WPL44NP	—	35LX49
Protective Cover	MCP44E, MCP59, Mfr. No.	—	35LX48
Purge Pump Kit	MCP44, WPL44, WPL44NP	Hose Kit, Instruction Sheet, Pump, Pump Bracket, Screw or Mount Bracket	35LX47