

1-800-GRAINGER (472-4643)



## 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.



2YAE9

| Average Coverage Area                        | Air Flow           | Pad Thickness | H         | W     | D     | Brand      | Item No. |
|--|--------------------|---------------|-----------|-------|-------|------------|----------|
| <b>Drive Package With Motor Not Included</b> |                    |               |           |       |       |            |          |
| <b>Down Discharge</b>                        |                    |               |           |       |       |            |          |
| 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 3/8 in | 42 in | 48 in | Mastercool | 2YAF1    |
| 2200 sq ft                                   | 5,400 to 7,000 cfm | 12 in         | 34 3/8 in | 42 in | 52 in | Mastercool | 2YAE6    |
| <b>Side Discharge</b>                        |                    |               |           |       |       |            |          |
| 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 3/8 in | 42 in | 48 in | Mastercool | 2YAF2    |
| 2200 sq ft                                   | 5,400 to 7,000 cfm | 12 in         | 34 3/8 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. |
|---|-----------|---------------|--------|-----------|-------|-------|------------------|------------|-----------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| <b>Drive Package With Motor Factory Installed</b>           |           |               |        |           |       |       |                  |            |                             |                         |                         |                         |                         |
| <b>Down Discharge</b>                                       |           |               |        |           |       |       |                  |            |                             |                         |                         |                         |                         |
| 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     | —                           | —                       | —                       | 4RNR1                   | —                       |
| 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 3/8 in | 42 in | 48 in | 269 lb           | Mastercool | —                           | —                       | —                       | 19R758                  | —                       |
| 2300 sq ft  | 7,000 cfm | 12 in         | 1 hp   | 34 3/8 in | 42 in | 52 in | 306 lb           | Mastercool | —                           | —                       | —                       | 19R759                  | —                       |
| <b>Side Discharge</b>                                       |           |               |        |           |       |       |                  |            |                             |                         |                         |                         |                         |
| 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     | —                           | —                       | —                       | 4RNR2                   | —                       |
| 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 3/8 in | 42 in | 48 in | 269 lb           | Mastercool | —                           | —                       | —                       | 19R763                  | —                       |
| 2300 sq ft  | 7,000 cfm | 12 in         | 1 hp   | 34 3/8 in | 42 in | 52 in | 306 lb           | Mastercool | —                           | —                       | —                       | 19R762                  | —                       |
| <b>Drive Package With Motor Included, Requires Assembly</b> |           |               |        |           |       |       |                  |            |                             |                         |                         |                         |                         |
| <b>Down Discharge</b>                                       |           |               |        |           |       |       |                  |            |                             |                         |                         |                         |                         |
| 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 3/8 in | 42 in | 48 in | 263 lb           | Mastercool | 7AA81                       | 7AA90                   | 7AA89                   | —                       | 7AA88                   |
| 2200 sq ft  | 5,400 cfm | 12 in         | 1/2 hp | 34 3/8 in | 42 in | 52 in | 300 lb           | Mastercool | 7AC19                       | 7AC28                   | 7AC27                   | —                       | 7AC26                   |
| 2200 sq ft  | 6,000 cfm | 8 in          | 3/4 hp | 34 3/8 in | 42 in | 48 in | 263 lb           | Mastercool | —                           | 7AA87                   | 7AA86                   | —                       | 7AA85                   |
| 2200 sq ft  | 6,000 cfm | 12 in         | 3/4 hp | 34 3/8 in | 42 in | 52 in | 300 lb           | Mastercool | —                           | 7AC25                   | 7AC24                   | —                       | 7AC23                   |
| 2200 sq ft  | 7,000 cfm | 8 in          | 1 hp   | 34 3/8 in | 42 in | 48 in | 263 lb           | Mastercool | 7AA82                       | —                       | 7AA83                   | —                       | 7AA84                   |
| 2200 sq ft  | 7,000 cfm | 12 in         | 1 hp   | 34 3/8 in | 42 in | 52 in | 300 lb           | Mastercool | 7AC20                       | —                       | 7AC21                   | —                       | 7AC22                   |
| <b>Side Discharge</b>                                       |           |               |        |           |       |       |                  |            |                             |                         |                         |                         |                         |
| 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 3/8 in | 42 in | 48 in | 263 lb           | Mastercool | 7AA71                       | 7AA80                   | 7AA79                   | —                       | 7AA78                   |
| 2200 sq ft  | 5,400 cfm | 12 in         | 1/2 hp | 34 3/8 in | 42 in | 52 in | 300 lb           | Mastercool | 7AC09                       | 7AC18                   | 7AC17                   | —                       | 7AC16                   |
| 2200 sq ft  | 6,000 cfm | 8 in          | 3/4 hp | 34 3/8 in | 42 in | 48 in | 263 lb           | Mastercool | —                           | 7AA77                   | 7AA76                   | —                       | 7AA75                   |
| 2200 sq ft  | 6,000 cfm | 12 in         | 3/4 hp | 34 3/8 in | 42 in | 52 in | 300 lb           | Mastercool | —                           | 7AC15                   | 7AC14                   | —                       | 7AC13                   |
| 2200 sq ft  | 7,000 cfm | 8 in          | 1 hp   | 34 3/8 in | 42 in | 48 in | 263 lb           | Mastercool | 7AA72                       | —                       | 7AA73                   | —                       | 7AA74                   |
| 2200 sq ft  | 7,000 cfm | 12 in         | 1 hp   | 34 3/8 in | 42 in | 52 in | 300 lb           | Mastercool | 7AC10                       | —                       | 7AC11                   | —                       | 7AC12                   |



## 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.



49LW87



35LX47

| Average Coverage Area             | Air Flow  | HP     | Evaporative Cooler Voltage | Water Cap. | No. of Speeds | H         | W         | D         | Operating Weight | Brand      | Mfr. Model | Item No. |
|-----------------------------------|-----------|--------|----------------------------|------------|---------------|-----------|-----------|-----------|------------------|------------|------------|----------|
| <b>Window Evaporative Coolers</b> |           |        |                            |            |               |           |           |           |                  |            |            |          |
| 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 3/8 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 3/8 in | 22 1/2 in | 115.05           | Mastercool | MCP44      | 39E721   |
| 2000 sq ft                        | 4,000 cfm | 1/2 hp | 115V AC                    | 2.0 gal    | 3             | 46 1/2 in | 33 3/8 in | 22 1/2 in | 100 lb           | Mastercool | MCP59      | 49LW87   |

| Item             | For Use With                         | Includes  | Item No. |
|------------------|--------------------------------------|---|----------|
| 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   |

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