

## Curb Adapters and Reducers

### What is an adapter or reducer?

An adapter or reducer (referred to as adapter in this guide) is used when a fan curb cap dimension is not compatible with the roof curb dimension. Adapt 1.5" to 20" greater than curb cap size. Reduce 1.5" to 10" less than curb cap size. Adapters are available in galvanized steel and aluminum.



**Adapter:** roof curb is larger than fan curb cap  
**Reducer:** roof curb is smaller than fan curb cap

### Can I use an adapter or reducer in a kitchen application?

Adapters may be ordered for fans with hinges, fans with grease traps, or fans with hinges and a grease trap. These adapters require additional height\* compared to standard adapters to allow room for the grease trap and/or to allow room for the fan to hinge on the adapter.

An adapter selected as an accessory to a fan will be provided as a "Tall" adapter for hinging or grease applications. An adapter selected standalone with a hinge or grease trap designated in the "Existing Unit Accessories" pop up will be provided as a "Tall" adapter.



\*Note that local code may require the duct to extend to the fan inlet in grease applications. Check local codes for proper installation.

### How do I provide dimensions for an adapter in CAPS®?

Entry into CAPS depends on selection method (as accessory to fan or standalone) and requires two dimensions. Adapter type must be set to "Reducer" to enter reducer dimensions. Be sure to consider existing flashing when measuring the roof curb dimension (if applicable).

- A: Fan Width and Length
- B: Roof Curb Side Adapter

CAPS Selection	Dimension	Suggested Dimension	CAPS Entry
Accessory to Fan	A: Fan Width and Length	Automatically selected in CAPS	Not Applicable
	B: Roof Curb Side Adapter	Roof curb outer dimension + 0.5"	Width (Actual) (in.) Length (Actual) (in.)
Standalone	A: Fan Width and Length	Fan curb cap size**	Fan Width (Actual) (in.) Fan Length (Actual) (in.)
	B: Roof Curb Side Adapter	Roof curb outer dimension + 0.5"	Width (Actual) (in.) Length (Actual) (in.)

\*\*CAPS automatically enters curb cap size if model/size is selected

The Fan Side Adapter dimension will be undersized appropriately to fit the curb cap size provided with selected accessories or without accessories. This calculation is done automatically in CAPS.

Fan Accessories	Fan Side Adapter Undersizing
No hinging, no grease trap	3/8"
Hinge bracket, Kit with cables	3/8"
Hinged base	1 1/2"

