

AI

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*Flexibility
+ Performance*

COOK INTRODUCES THE AI:



We know you get in some pretty tough spots. AI may be your way out.

Key Features:

- ▶ Direct drive for efficiency and reduced maintenance
- ▶ Compact inline design
- ▶ Multiple blade/hub combinations to fine tune your selection
- ▶ Optional vane section for reduced HP at operating point
- ▶ Vertical, horizontal and curb mount options
- ▶ Available with reversible prop



Over 20,000 combinations make AI one of the most flexible and adaptable fans available

- ▶ 14 housing sizes (12.5" - 64.125" diameter)
- ▶ 68 hub/blade combinations
- ▶ Blade pitch angles from 5° - 45°
- ▶ 2 levels of construction
- ▶ Motor pole speeds of 3450, 1760, 1160, 860
- ▶ Selections with and without VFD

- ▶ The AI family of fans can move **400 - 140,000 CFM** and static pressure up to **8" w.g.** all in an easy-to-maintain direct drive package.



Contact your Cook representative or visit lorencook.com for more information!

Available Configurations:



Horizontal



Vertical



Upblast

MODEL RANGE

	Hub Size	15 (6")		20 (8")		25 (10")		32 (12.5")		40 (16")		50 (20")	
	# of Blades	4	6	4	6	6	9	6	9	6	9	8	12
MODEL SIZE	31	✓	✓										
	36	✓	✓										
	41	✓	✓	✓	✓								
	47	✓	✓	✓	✓								
	54	✓	✓	✓	✓	✓	✓						
	63	✓	✓	✓	✓	✓	✓						
	72			✓	✓	✓	✓	✓	✓				
	80			✓	✓	✓	✓	✓	✓				
	90					✓	✓	✓	✓	✓	✓		
	103					✓	✓	✓	✓	✓	✓		
	113							✓	✓	✓	✓	✓	✓
	123							✓	✓	✓	✓	✓	✓
	140									✓	✓	✓	✓
	160									✓	✓	✓	✓