

Extended-Size Vision™ Indoor Air Handlers

Up to 160 sq.ft. coil face area and 100,000 cfm

What alternative do I have to specifying multiple air handlers or purchasing an expensive custom unit when the air handling requirements surpass the maximum sizes available from most manufacturers?

McQuay now offers Vision indoor air handlers in capacities up to 100,000 cfm with coil face areas up to 160 square feet. These are not only the largest indoor air handling units available in a standard platform, but also the largest units that are AHRI certified. Best of all, they offer the same features, benefits, options and accessories that have made Vision such a popular air handler platform.

Features

- Standard units in sizes up to 100,000 cfm and 160 square feet of coil face area. AHRI certification provides added assurance that these units will perform as designed.

- Custom-size units of up to 122 inches in height and 228 inches in width. Our Variable Dimensioning™ feature allows cabinet sizing in increments of 4 inches in width and 2 inches in height up to these maximums. A short-and-wide unit can be configured that is ideal for low-height ceilings and high-air-volume projects.
- Heavy-duty, patent-pending base rail to handle heavier component loads.
- Retractable lifting lugs provide a balanced, even load for easy rigging. Together with our patented splice collars, they make installation and assembly of unit sections fast and easy.
- DWDI fans up to 49 inches in diameter, Class III.
- Plenum fans up to 66 inches in diameter, Class III.





- 100, 125 and 150 horsepower motors.
- Center-split coils option to minimize fluid pressure drop and coil pull length.

Benefits

- An economical alternative to installing multiple air handlers or a custom system for high-cfm applications.
- A patented product platform that gives you the flexibility to build the exact air handling system to meet your project's demands for operating efficiency, indoor air quality, quiet operation and low cost installation and maintenance.
- The Vision air handler's unique, custom-modular platform and Variable Dimensioning™ feature provide tremendous component and sizing flexibility, allowing

you to configure the optimal air handling system for your client's environment.

- Choose from a wide variety of unit sizes, fan assemblies and motors, plus many options to custom-build the best Vision air handler for your application. See our Vision Customized Indoor Air Handlers brochure for details on all of the options available.
- User-friendly McQuay SelectTools™ selection software makes it easy to design your customized unit, and it generates drawings and specifications in minutes.

For more information

For more information on Vision Extended Size air handlers for your next project, contact your local McQuay representative. To locate your representative, visit www.mcquay.com or call (800) 432-1342.

Technical Specifications

Description	Unit Size				
	107	124	141	160	169
Airflow range, cfm	29,000 -77,500	33,600 -89, 500	40,300 -107,400	45,600 - 121,800	48,400 - 129,000
cfm @ 500 ft/min through large face area coil	48,400	55,900	67,100	76,200	80,600
Height x width (in)*	108 x 168	108 x 192	122 x 192	122 x 216	122 x 228
Cooling coil face area, sq ft, large	109.79	126.79	134.25	152.25	161.25
Cooling coil face area, sq ft, medium	77.5	89.5	96.:96	109.96	116.46

* Note: Vision air handler units are available in 2-inch increments of height and 4-inch increments of width to fit the exact space requirements..

