

Comfort, efficiency and economy.  
Floor-by-floor or zone-by-zone.

SKYMARK COMMERCIAL SELF-CONTAINED SERIES



# When space is at a premium, SKYMARK Air-Cooled and Water-Cooled Self-Contained Units are a perfect fit.

Indoor self-contained units are designed to keep a building comfortable all year round. This is done at one of the lowest installation costs possible without compromising operation cost or flexibility. Our higher capacity air- and water-cooled units provide high efficiency performance that helps lower energy costs, with an additional benefit of a low-noise air distribution system. Air-cooled units provide a simple solution that eliminates the need for a cooling tower and complex building piping arrangements, while water-cooled air conditioners have a heat exchange process that is inherently 10x more efficient than air-cooled. Both air-cooled and water-cooled solutions offer multiple options to improve efficiency and comfort.

Like other packaged equipment such as rooftops or split systems, indoor self-contained units have the same advantages when it comes to providing a simple HVAC solution, and are great for individual tenant metering, but have their own unique advantages:

- Improved building aesthetics
- Protection from the elements extends equipment life
- Less multi-floor ductwork enabling easier retrofit and expansion flexibility
- Convenient indoor service access



D-Series

**Air-cooled**

**Water-cooled**



C-Series

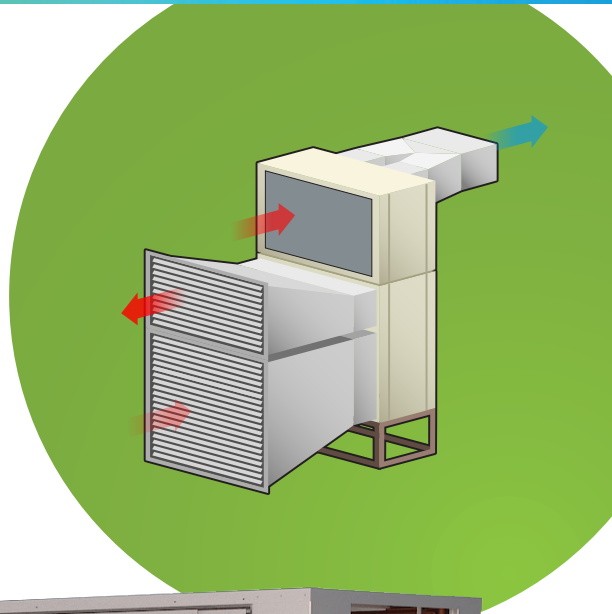


D-Series

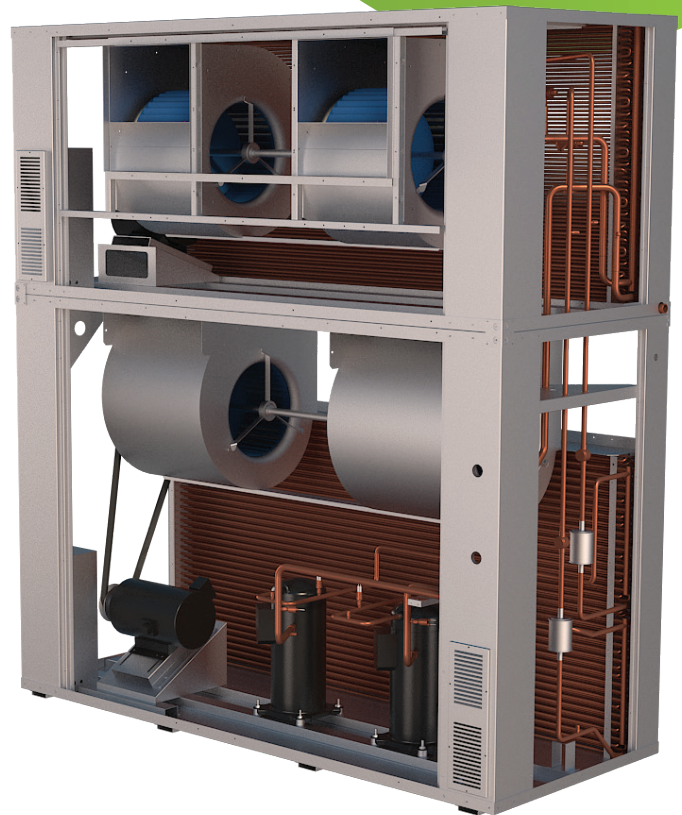


## Air-Cooled Self Contained Units: D-Series 2-25 Tons

**The D-Series Self-Contained Horizontal and Vertical units from SKYMARK** offer a complete line of unit options for high-rise and single-story building applications. Units are easily installed on the perimeter of the building for condenser airflow. Horizontal units can also be installed in a split configuration to allow the evaporator section to be located closer to the conditioned space, saving costly duct installation and improving unit efficiency. Plus, available airside economizers allow the unit to operate without the compressor to take advantage of free cooling when outside air temperatures are appropriate. The D-Series features high efficiency and quality engineering for convenient installation.



- **Lower Operation Costs** – Overall best in class energy efficiency with IEER between 12.6 and 14.3, and independent zone control; units above 5 tons incorporate 3 or 4 mechanical cooling stages and meet ASHRAE 90.1-2016 standards.
- **Easy Installation-Field** – Convertible discharge orientation; refrigerant circuit isolation valves
- **Flexibility** – Available in both horizontal (ceiling suspended 2–10 tons) and vertical configurations (free-standing 5–25 tons) with ability to upsize motors for applications with higher external static pressure requirements; vertical models available with front or rear return option
- **Redundancy** – Dual independent compressor circuits on 8, 10, 12, 15, 20 and 25-ton models
- **SMART Equipment** – Microprocessor control with LED status indicator; used for full Building Automated System (BAS) connectivity or standalone with optional Wi-Fi hotspot through MAP gateway device
- **Heavy Duty** – Heavy gauge galvanized steel unit casings; cabinet interior lined with ½-inch thick, 2-lb. density, acoustic insulation

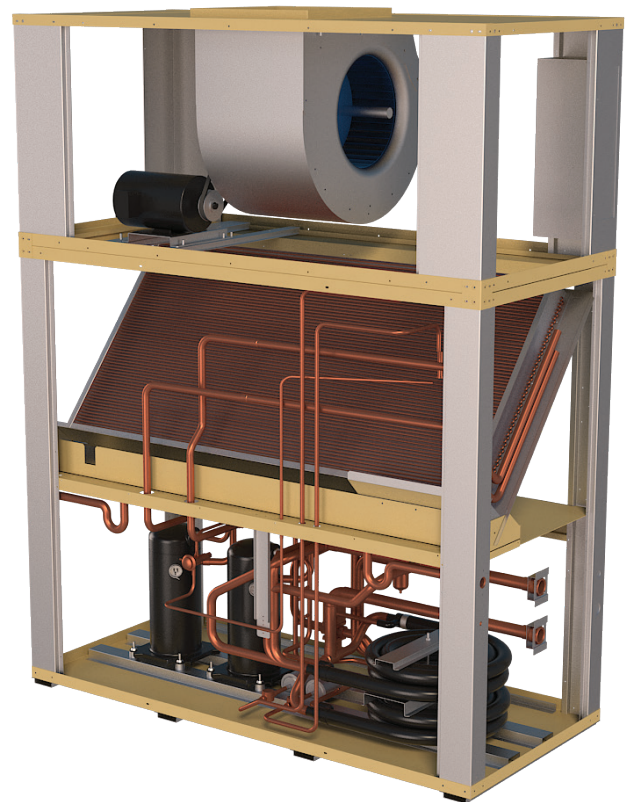


# Water-Cooled Self Contained Units: C-Series 5-25 Tons

Some applications have limited roof space, access issues, or capacity limitations. The **C-Series Water-Cooled Self-Contained Units** can minimize complications for these kinds of renovation and new construction projects. SKYMARK's compact, low-profile indoor design minimizes the need for unsightly exterior equipment and protects against potential vandalism or equipment weathering.



- **Highly Efficient** – Floor-by-floor independent metering/temperature control and IEER values between 12.3 and 13.5
- **Easy Installation** – Field-convertible discharge orientation; separate evaporator/compressor and fan section modules allowing field separation
- **Design Flexibility** – Available in vertical (free-standing 5–25 tons) configurations with the ability to upsize motors for applications with higher external static-pressure requirements
- **Redundancy** – Dual independent compressor circuits on 8, 10, 15, 20 and 25-ton models
- **Heavy Duty** – Heavy gauge galvanized steel unit casings; cabinet interior lined with ½-inch thick, 2-lb. density, acoustic insulation
- **SMART Equipment** – Microprocessor control with LED status indicator; used for full Building Automated System (BAS) connectivity or standalone with optional Wi-Fi hotspot through MAP gateway device



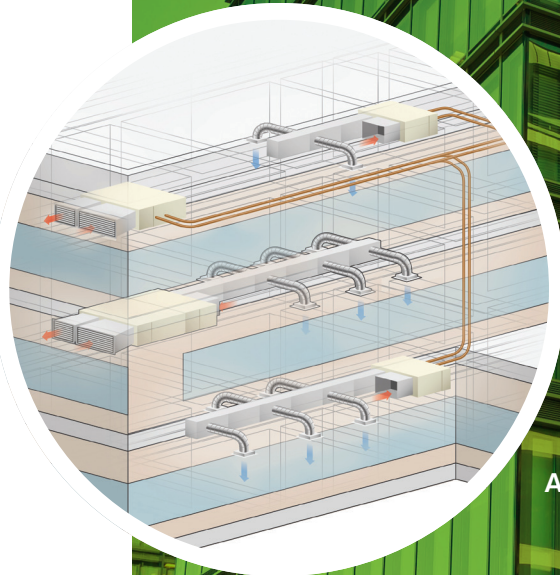
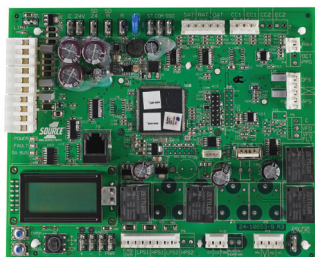


## Seamless Controls

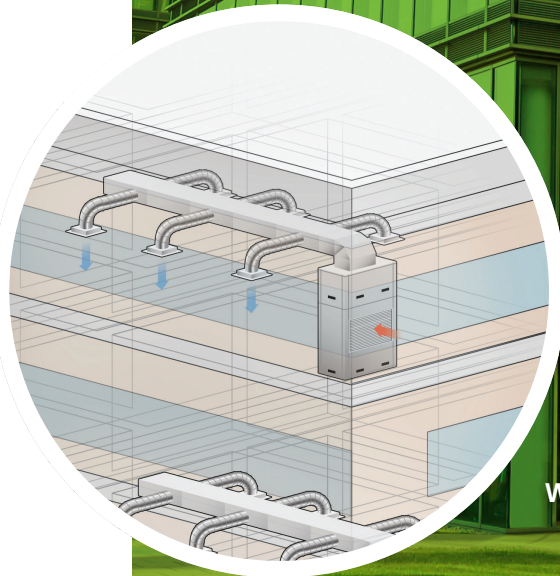
Air-cooled D-Series and Water-Cooled C Series units have factory-installed Smart Equipment controls that connect seamlessly like a Building Automation System (BAS) without the additional cost of a BAS. Through the use of the portable hand-held MAP device, users can access one or more units using a mobile phone, tablet or PC, either over Wi-Fi or hardwired connection. On-board controls support cloud-based data analytics, including fault detection, to enable proactive maintenance and minimize downtime. Smart Equipment helps maximize control for greater efficiency, extended equipment life and reduced operating costs. Plus, full BAS connectivity is also available.

## Total Packaged Solution

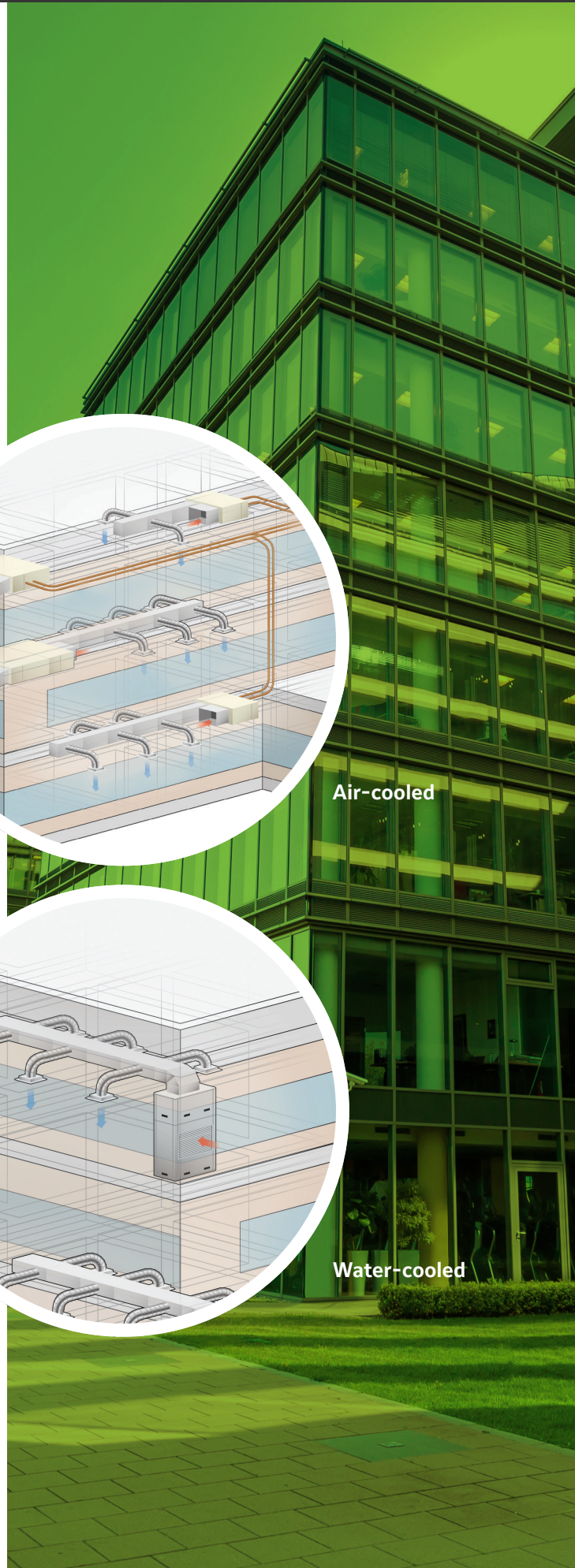
SKYMARK offers the perfect marriage of high quality equipment with highly capable controls. Controls solutions can be tailored to meet the demands of any application, from simple Constant Volume (CV) systems to more complex Variable Air Volume (VAV) systems. We provide integration to BACnet and N2 system as well as more simple integrations on C-Series and D-Series utilizing the MAP technology.



Air-cooled



Water-cooled



# Options You Can Count On.

Option		Air-Cooled	Water-Cooled
		D-Series	C-Series
Tonnage Range	Horizontal (Ceiling Hung)	2-10	
	Vertical (Floor Mounted)	5-25	5-25
<b>Economizer</b>			
Airside Economizer		X	
Waterside Economizer		N/A	X
<b>Controls</b>			
Microprocessor Controls		X	X
BAS Communication		X	X
Condensate Overflow Switch		X	X
Low Ambient Condenser Freeze Protection		X	N/A
<b>Blowers</b>			
High Static Blower Motors		X	X
<b>Capacity Control</b>			
VFD for Variable Air Volume (VAV)		8 tons and larger	8 tons and larger
<b>Construction</b>			
Corrosion Resistant Coatings		X	X
Cupro-Nickel Condenser		N/A	X
Discharge Plenum		X	X
Option to Install as Split System (Horizontal)		X	N/A
Return Air Grille			X
Stainless Steel Drain Pan		X	X
Water Regulating Valves		N/A	X



# Quite the Package

Mechanical Adaptability. Architectural Flexibility. Individualized Control. Energy Savings. Easy Installation. Reduced Floor Space. Excellent Indoor Air Quality. Quiet Operation. The Commercial Self-Contained Series from SKYMARK is the perfect fit for any application.

For more information on **Commercial Self-Contained Series**, call your sales representative or visit [skymark.com](http://skymark.com)







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