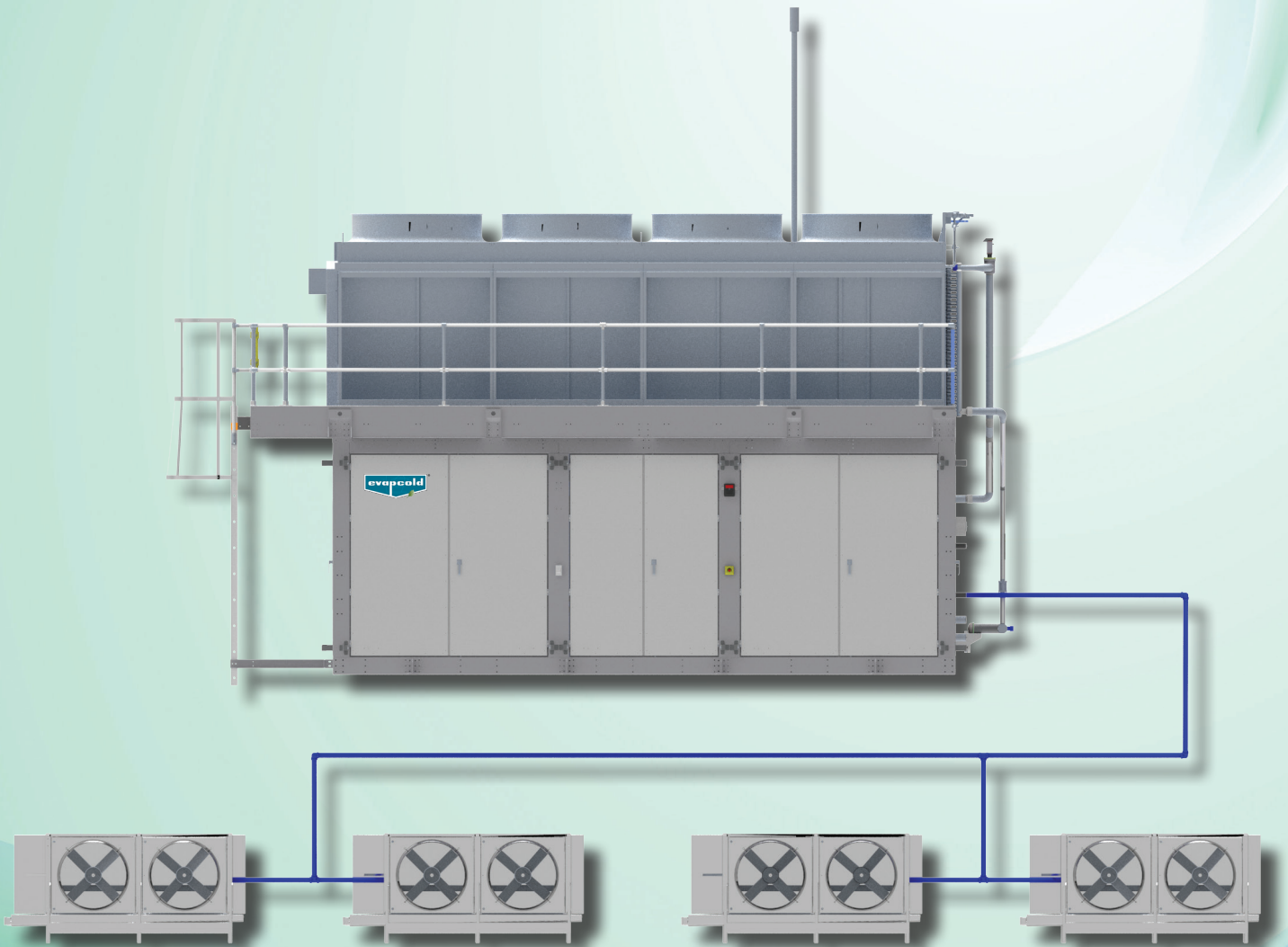


# EVAPCOLD LCR-S

## VersaSplit

PACKAGED AMMONIA SPLIT-SYSTEM



BRINGING VERSATILITY TO LOW CHARGE REFRIGERATION







📍 EVAPCO Global Headquarters, Taneytown, Maryland USA

# Get to Know EVAPCO

Since its founding in 1976, EVAPCO, Incorporated has become an industry leader in the engineering and manufacturing of quality heat transfer products around the world. EVAPCO's mission is to provide first class service and quality products for the following markets:

- **Industrial Refrigeration**
- Commercial HVAC
- Industrial Process
- Power

These quality products for the industrial refrigeration market include: refrigerant condensers, cooling towers, closed circuit coolers, evaporators, hygienic air handlers, packaged low charge ammonia systems, transcritical CO<sub>2</sub> rack systems, ASME pressure vessels and packages, water conservation and treatment systems, and controls and automation. In addition to these quality products, EVAPCO now has a complete line of low charge ammonia condensing units called VersaSplit.

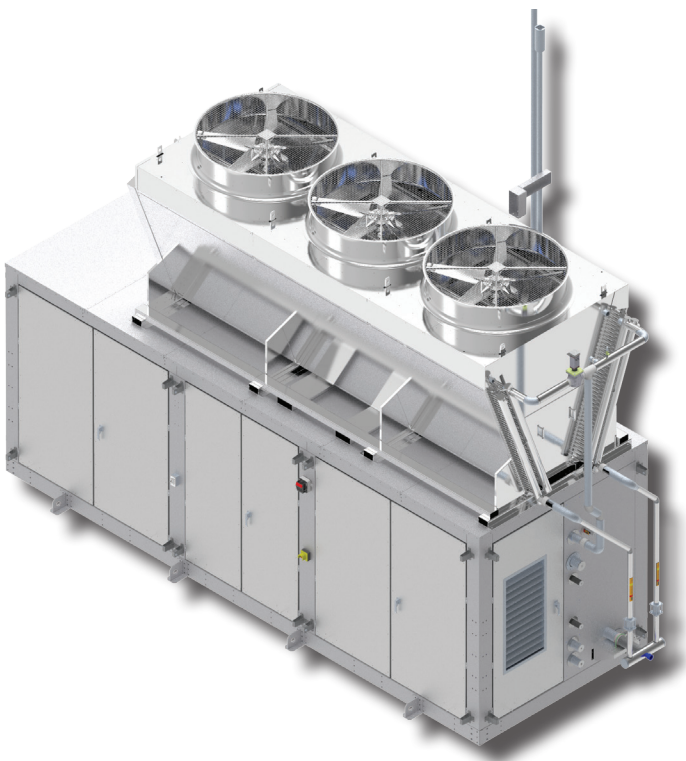
## EVAPCOLD

Evapcold is manufactured in Greenup, IL, in a 100,000 sq. ft. building dedicated to the assembly of all components required for the Evapcold system. The Evapcold manufacturing operation utilizes a lean assembly line process which allows fabrication and assembly at the highest quality and shortest lead time.

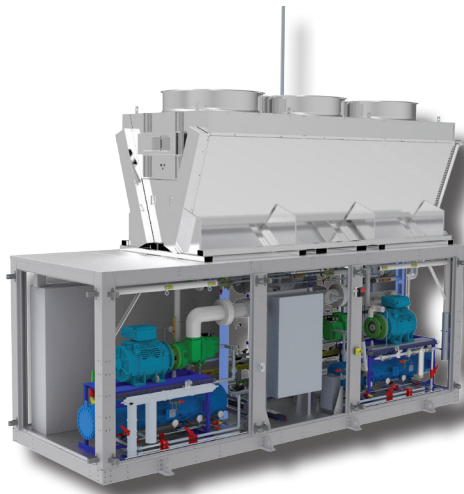


# VersaSplit

The Evapcold LCR-S VersaSplit low charge ammonia condensing unit provides high pressure subcooled liquid ammonia to remote direct expansion (DX) evaporators. Refrigeration capacities up to 130 TR for -10°F Freezers and 165 TR for +35°F Coolers/Docks are available, offering a versatile solution to meet the demands of new or retrofit installations.

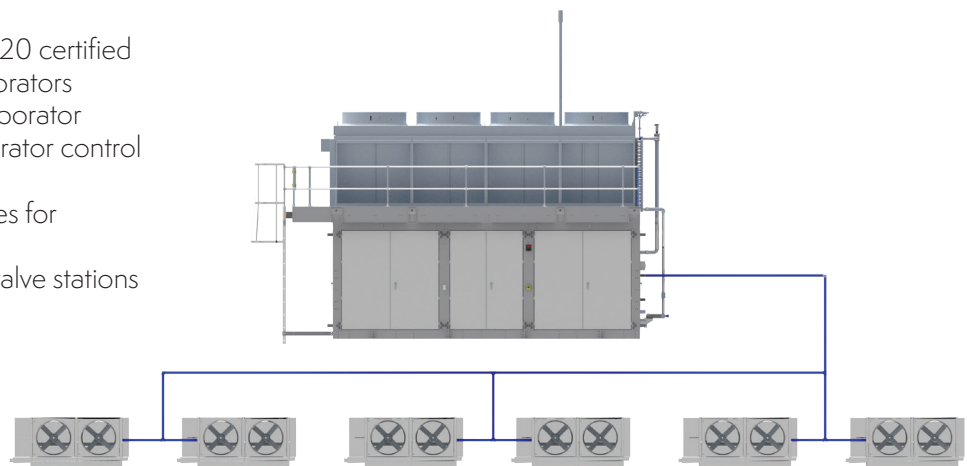


- Direct-expansion system providing low ammonia charge averaging 4 to 6 lbs/TR
- Installation versatility with roof or ground mounting
- Reach-in enclosure with operational and maintenance access, ammonia detection and ventilation
- High quality screw compressors, valves, controls and piping (majority of piping inside enclosure is 304L stainless steel)
- Variable speed capacity control of compressor motor and condenser fan motors for maximum efficiency
- XPS insulation of low temperature piping and vessels with PVC jacketing, along with complete labeling and tagging
- EVAPCO adiabatic, air-cooled or water-cooled condensers available to meet site ambient conditions



- High pressure receiver sized to hold entire system charge
- Suction accumulator to ensure liquid free compressor suction during upset conditions
- Welded plate and frame DX liquid economizer/subcooler maximizing system capacity
- Dual compressors available for increased redundancy and capacity
- EVAPCO designed and rigorously tested industrial PLC based control system
- Glycol-cooled oil cooling for maximum system efficiency and reliability. On air-cooled units, oil cooling load is rejected to the condenser
- Engineered in accordance with industry codes, including: IIAR, IBC, OSHA, NEC and ASME
- Extensive documents package delivered with each unit reducing customer compliance scope through IIAR's ARM-Low Charge Program

- Feeds up to six EVAPCO AHRI 420 certified ceiling-hung or penthouse evaporators
- Remote mounted panel with evaporator motor starters and I/O for evaporator control devices
- Optional variable frequency drives for evaporators
- Optional ship loose evaporator valve stations







# WORLDWIDE MANUFACTURING LOCATIONS



★ World Headquarters  
 Research & Development Center  
📍 EVAPCO Manufacturing Facilities

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