

## 62X Air-Cooled DOAS Units

# Liquid Subcooling Reheat (LSRH)

Carrier offers a liquid subcooling reheat (LSRH) option on all 62X dedicated outdoor air units. The liquid subcooling package boosts a unit's dehumidification capacity to help deliver drier air to the space.

Because LSRH does not add to the unit footprint, it is an extremely cost effective way to enhance unit performance. In some cases, LSRH allows you to downsize your unit selection, decreasing unit size and electrical requirements while increasing cost savings.



AUDITORIUMS



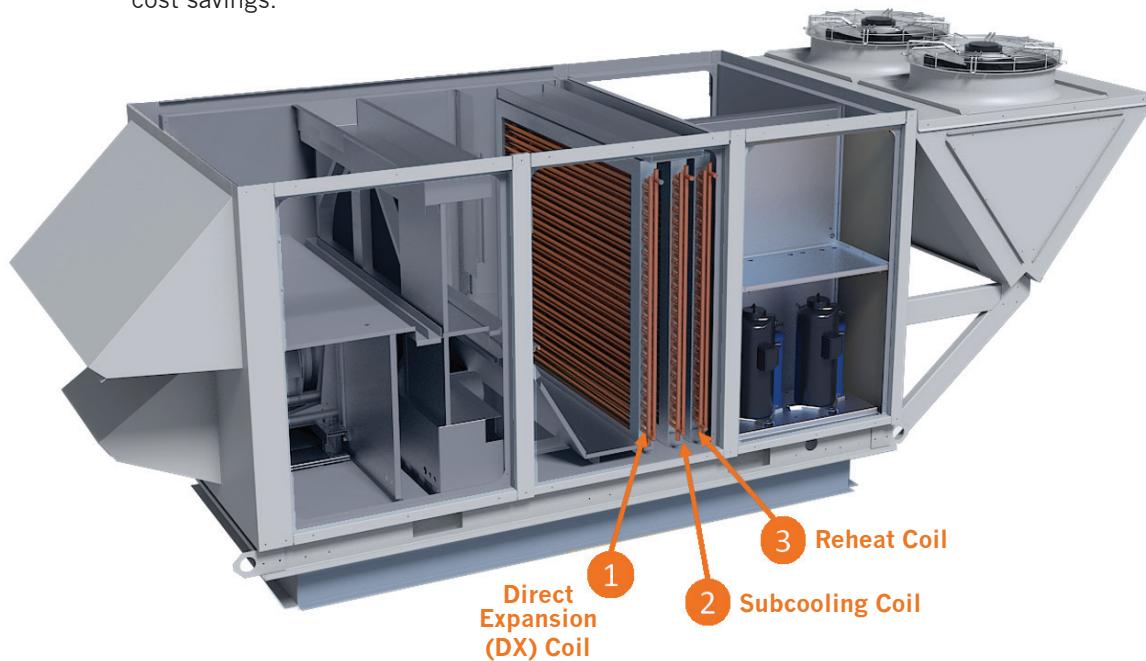
EDUCATION



HEALTHCARE



HOSPITALITY



Cut-away rendering shows placement of coils, including the LSRH option, inside a 62X Dedicated Outdoor Air unit.



EFFICIENCY



FOOTPRINT



HUMIDITY MANAGEMENT



INNOVATION

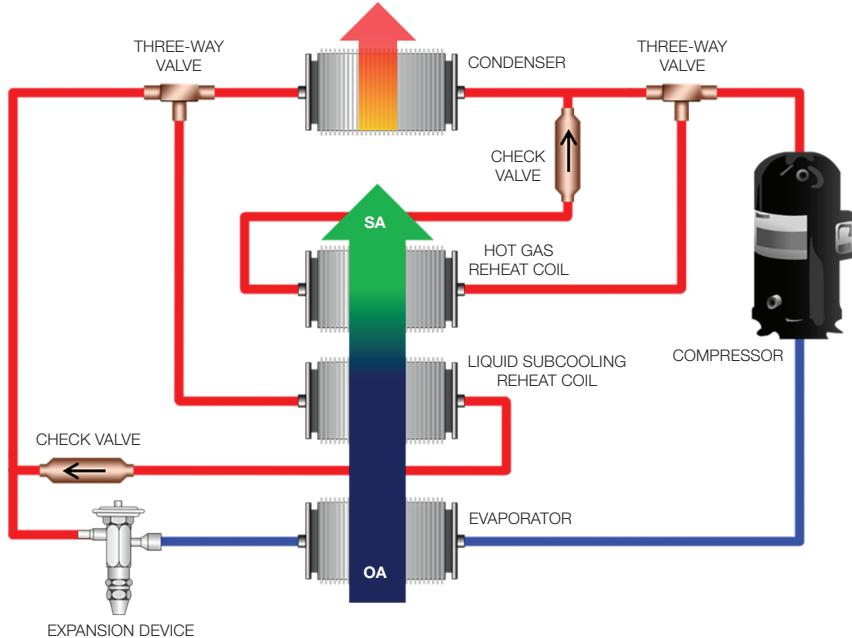


SAVINGS

## How Liquid Subcooling Reheat (LSRH) Works

LSRH works by passing warm liquid refrigerant that is leaving the condenser to a full faced coil following the evaporator coil. Not only does the subcooling process help to reheat the supply air, it also reduces the temperature of the refrigerant entering the evaporator coil. The 62X unit dehumidification capacity will increase by as much as 10% with LSRH, which can help to reduce the mechanical direct expansion (DX) capacity and improve unit efficiency.

The LSRH is accompanied by a hot gas reheat (HGRH) coil to ensure that the supply air is reheated to space neutral conditions.



Carrier® 62X Dedicated Outdoor Air Unit



Turn to the experts

