

Engineered for dependability and strategically stocked across North America, Raider® delivers a high-quality HVAC replacement—fast. With backward compatibility for one of the industry’s most common footprints, installation is seamless, minimizing downtime and disruption. When it has to be done right, choose Raider®.

### RAIDER® ROOFTOP SERIES INTERNAL COMPARISON

BRAND	RAIDER LOW GWP	RAIDER R-410A
Electric/Electric	3-12.5 Tons (ZCD)	3-12.5 Tons (ZCB/ZCC)
Gas/Electric	3-12.5 Tons (ZGD)	3-12.5 Tons (ZGB/ZGC)
Heat Pump	3-10 Tons (ZHD)	3-10 Tons (ZHB/ZHC)
Efficiency Levels	Standard	Standard
Condenser Coil	Environ™	Environ™
Refrigerant Detection System (RDS)	Standard	N/A
Mechanical Cooling Range	40-125°F	40-125°F

### BOX BY BOX COMPARISON

TONNAGE RANGE - A BOX	3-6 TONS	3-6 TONS
Cooling Stages	3-5 T (1) 6 T (2)	Up to 2
Heating Stages	Up to 2	Up to 2
Supply Fan Type	Direct Drive, Belt Drive	Direct Drive, Belt Drive
Supply Fan Control	CAV, MSAV®	CAV, MSAV®
SEER2/IEER (up to)	13.4/15.5	14.0/15.0
EER2 (up to)	11.0	11.7
TONNAGE RANGE - B BOX	7.5-12.5 TONS	7.5-12.5 TONS
Cooling Stages	3	3
Heating Stages	2	2
Supply Fan Type	2S - 7.5, 8.5T; VFD 10, 12.5T	Direct Drive
Supply Fan Control	MSAV®	MSAV®
IEER (up to)	15.0	14.8
EER (up to)	11.2	11.2

### CONTROLS COMPARISON

CONTROLS	RAIDER R-454B	RAIDER R-410A
Unit Controller	Electromechanical	Electromechanical
BACnet® MS/TP	Option (Field)	Option (Field)
Economizer Control	Siemens (0-10VDC)	Siemens (0-10VDC) HW Jade(Sylk(r)-bus)

### FEATURE COMPARISON

INDOOR AIR QUALITY	RAIDER R-454B	RAIDER R-410A
Filters	2" Filter Rack	2" Filter Rack
CO2 Sensor	Option (Field)	Option (Field)
OUTSIDE AIR QUALITY	RAIDER R-454B	RAIDER R-410A
High Performance Economizer	Option (Field/Factory)	Option (Field/Factory)
Standard Economizer	Option (Field/Factory)	Option (Field/Factory)
Motorized Outdoor Air Damper	Option (Field)	Option (Field)
Manual Outdoor Air Damper	Option (Field)	Option (Field)
Power Exhaust	Option (Field)	Option (Field)
RELIABILITY	RAIDER R-454B	RAIDER R-410A
High Pressure Switch	Standard	Standard
Hail/Coil Guards	Option (Field)	Option (Field)
Drain Pan Overflow Switch	Option (Field)	Option (Field)
SERVICEABILITY	RAIDER R-454B	RAIDER R-410A
Toolless Filter Access	Standard	Standard
Accessible Gas Heat	Standard	Standard
Controls Terminal Block	Standard	Standard
Compressor Access Panel	Standard	Standard

