



48/50TJ/HJ SERIES

# Packaged Rooftop Units

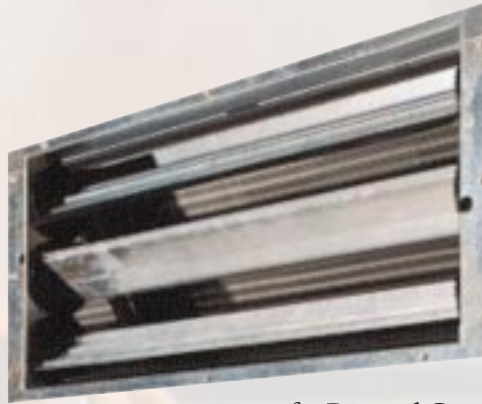
12.5-25 TONS



A HERITAGE OF RELIABILITY ENHANCED THROUGH INNOVATION

# The Best of the Proven Meets the Best of the New: Introducing the Improved 48/50TJ/HJ Series.

For decades, the 48/50TJ/HJ line has been the rooftop of choice for restaurants, schools, malls, stores, and other buildings requiring a constant-volume unit that goes in easily and runs at low cost. Now we've taken the proven benefits of these popular units, added the latest technologies to enhance performance, and produced a line that's both proven and innovative. If your application still employs units from the previous lineup (and chances are, it does), now's the time to consider replacing them. And if your job is a new one, the *improved*, easily customized 48/50TJ/HJ series is the best possible choice for applications where budgets matter and job specs are critical. With a broad assortment of standard benefits and optional features (some new but all geared toward top performance), the 48/50TJ/HJ is sure to fit the job.

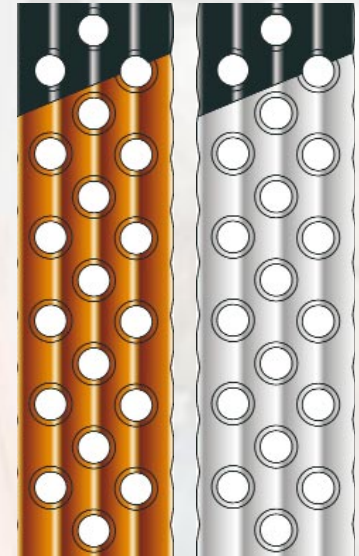


**Gear-Driven Economizer** improves airflow and lowers energy costs. This integrated gear-driven economizer will incorporate outside air and will communicate

with a CO<sub>2</sub> sensor for **Demand Control Ventilation.**

There's no linkage to bind and cause economizer failure, so there's no economizer-related downtime.

**E-Coat for nonstop protection against the elements.** E-Coat is an impermeable epoxy coating for coils that provides a continuous barrier against environmental damage and is proven far superior to any other type of protection. Ideal for corrosive or harsh environments.



**Stainless steel heat exchangers won't pit or corrode** and remain strong even when exposed to combustion by-products or excessive heat.



## Proven Reliability Meets Innovation in an Array of Benefits.

Following are just a few of the benefits and features we've added. They all represent significant gains over the performance and capability of existing rooftops — and they're all available right from the factory.



**Exclusive MoistureMi\$er™ dehumidification package** removes moisture up to 40 percent better without adding equipment capacity. MoistureMi\$er's outstanding ability to keep moisture in check while reducing energy costs has made it a popular choice at schools, restaurants, office buildings, and other public institutions. This option can be used with Carrier's new Light Commercial Thermidistat.



Carrier Corporation's tradition of innovation began with its founder Willis Carrier, the father of air conditioning and one of Time magazine's top 100 significant persons of the 20th century.



**Ultraviolet (UV-C) Germicidal Lamps minimize occupant exposure to allergens and germs.** Optional UV-C lamps installed right in the damp, cool evaporator section destroy potentially harmful infiltrators. The lamps are aimed directly at the evaporator coil and condensate pan where molds, fungi, and microbes typically grow. The result? Dramatically improved indoor air quality — ideal for schools and office buildings.



**Dual Circuits, TXVs, and Scroll Compressors offer unparalleled dependability.** TXVs on each circuit ensure greater reliability, part-load efficiency, and performance in off-design conditions than ever before; dual scroll compressors provide redundancy that keeps the unit up and running.

**Easy maintenance and service options include:**

- *Hinged access panels* on both sides of compressor, control box, filter, and evaporator sections, all with tiebacks that allow service and maintenance personnel to get in, do the work, and get out fast.
- *Disconnect switch* (fused or nonfused) that reduces labor time and keeps personnel safe during maintenance and service procedures.
- *Convenience outlet* (powered or nonpowered) that allows tools and other appliances to be plugged in.
- *Double wall panel* in the airstream that seals in insulation, facilitates cleaning, and reduces mold.
- *Power monitor package* to protect the motor and extend its life by eliminating wear and tear due to power spikes and outages. Monitors all phases of power coming into the unit and notifies service technicians in the event of a problem.

Additionally, Carrier now offers custom rooftop modifications right at the factory, all performed by expert engineers in our Design Enhancement Center (DEC) in McMinnville, Tenn. All modifications are designed by Carrier's engineers and fully warranted by Carrier. Most importantly, the unit will be fitted specifically to the application for maximum performance and full customer satisfaction.



*The 48/50TJ/HJ line is made with pride at our advanced manufacturing facility in McMinnville, Tennessee.*

## Protecting a Wise Investment.

Whichever model from this tried-and-true line you choose, rest assured that it will arrive in top-notch condition, thanks to innovative coil protection that stands up to the roughest shipping conditions. Carrier's dedication to delivering and maintaining quality continues upon delivery, too — all units in the line are backed by a solid warranty from the world's HVAC leader.

Need even more security? Choose from the available extended warranty plans:

- Start-Up\*
- Complete Unit First Year Labor\*
- Compressor Parts Only
- Compressor Parts and Labor\*
- Complete Unit Parts Only
- Complete Unit Parts and Labor\*



*Coil Protection — standard on all units.*

Extended Warranty Plans available for up to five years.

*\*Labor requires factory start-up.*

Whichever plan you choose, you'll enjoy knowledgeable, easily accessible Carrier support and service — just contact your local representative for assistance.



To learn more about what the new 48/50TJ/HJ line can do for your customers and for your business, call us at **1-800-CARRIER** or visit us online at **www.carrier.com**.



*As the world leader in Heating, Ventilation and Air Conditioning, Carrier is committed to continually improving the quality of comfort we provide to our customers.*

*But our level of responsibility extends well beyond...*

*Carrier Corporation has identified six specific areas which directly impact how we, as a world manufacturer, balance our customers' needs for comfort with the environment's needs for responsible consumption.*

*These symbols graphically represent our six areas of concentration and will serve as visual reminders of the importance of managing our finite resources.*

*Each one of us at Carrier Corporation believes that, for generations to come, success will not only be measured by the quality of our products and systems, but also by how we have improved the quality of life.*



A member of the United Technologies Corporation family. Stock symbol UTX.