

# TCHD Series

## 13 SEER Split System Air Conditioners

with MicroChannel Technology



R-410A, MicroChannel Coil  
and a Slim Profile

*The TCHD model uses R-410A refrigerant and a compact MicroChannel coil to create a slim profile that's perfect for tight spaces and zero-lot-line homes.*

### ■ A System Designed to Save Space.

The TCHD Horizontal Discharge Unit gives you the affordability and comfort that comes with Fraser-Johnston, plus energy-efficient performance in a compact design that brings style to home cooling. With a sleek, trim look, it's the one system you'll hardly notice—ideal for tight spaces and zero-lot-line homes.

### ■ Durability by Design.

Proven scroll compressor technology gives TCHD models greater efficiency, reliability and comfort from fewer moving parts. The MicroChannel coil technology allows a smaller unit to provide higher performance in less space due to the advanced heat exchange surface. TCHD compressors are designed for R-410A refrigerant, a long-term, environmentally friendly solution.

### ■ Enjoy the Quiet.

Quiet is an important part of comfort. That's why the cabinet is designed to minimize transmitted compressor noise. An advanced swept-fan design promotes smoother air flow, while a scroll compressor ensures reliable performance and reduced noise compared to conventional systems.

### ■ Energy Savings.

The 13 SEER TCHD design can make a dramatic difference in your energy bill—cutting energy use up to 50% when compared to most central air conditioning systems over 10 years old. When matched with a variable-speed air handler or gas furnace, efficiencies up to 15.5 SEER can be achieved, further reducing operating expenses. And thanks to R-410A refrigerant, it also reduces impact on the atmosphere.

Nominal 13 SEER  
(up to 15.5 SEER when  
used with a variable-speed  
indoor blower, depending  
on size and application).

High-efficiency  
scroll compressor and  
swept wing fan design  
for efficient operation  
and industry-leading  
sound quality.

Zero-lot-line application;  
requires only a 6-inch  
clearance.

Environmentally friendly  
R-410A refrigerant ensures  
optimum energy efficiency.

Space-saving MicroChannel  
coil technology requires  
less refrigerant.

Powder painted steel for  
long-term durability in the  
harshest environments.



## ■ A System That's Built to Last.

This unit's design has proven reliability and performance. And when we build a product this good, we're happy to stand behind it. So we back each 13 SEER TCHD system with a 10-year limited warranty on compressors and a 10-year limited warranty on parts (must be installed after May 1, 2009, and registered online within 90 days of installation—otherwise the parts warranty reverts to a 5-year limited warranty)<sup>†</sup>.



## Extended Warranty

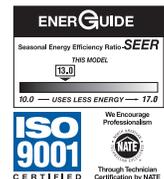
Ask your dealer about our extended protection plan. You can have complete peace of mind—with additional parts-and-labor coverage on your system.

TCHD AIR CONDITIONERS W/ R-410A

Model	Nominal Capacity (tons)	Nominal Cooling SEER	Dimensions (inches)		
			Height	Width	Depth
TCHD18S41S1	1.5	13.0	25-1/8	37	14-3/4
TCHD24S41S1	2.0	13.0	25-1/8	37	14-3/4
TCHD30S41S1*	2.5	13.0	37-1/8	44-3/4	17-1/4
TCHD36S41S1*	3.0	13.0	37-1/8	44-3/4	17-1/4
TCHD48S41S1*	4.0	13.0	43-1/8	44-3/4	17-1/4
TCHD60S41S1*	5.0	13.0	43-1/8	44-3/4	17-1/4

\*Select models available in three-phase.

<sup>†</sup> For 10-year limited parts warranty, system must be installed after May 1, 2009, and registered online within 90 days of installation. Otherwise the parts warranty reverts to a 5-year limited parts warranty. Three-phase models have a 1-year parts and a 5-year compressor warranty.



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**FRASER-JOHNSTON**  
Heating ■ Air Conditioning

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