

TCJD Series

13 SEER Split System Air Conditioners

with MicroChannel Technology



R-410A Refrigerant and MicroChannel Coil

The TCJD model uses R-410A refrigerant with an advanced, all-aluminum MicroChannel coil for outstanding reliability.

■ Energy Savings.

The new 13 SEER¹, Fraser-Johnston® “MicroChannel” air conditioner can make a dramatic difference in your energy bill—cutting energy use over 50% when compared to most central air conditioning systems over 10 years old. When combined with a Fraser-Johnston furnace or air handler that utilizes a high-efficiency blower motor, the complete system’s performance can reach as high as 14.5 SEER, further reducing operating expenses. And it comes with R-410A refrigerant, which reduces impact on the atmosphere.

■ Dependable Design, Compact Size.

Count on the engineers at Fraser-Johnston to ensure long-life reliability by using an advanced MicroChannel coil. This technology uses all-aluminum construction developed in the automotive industry. Advanced design also makes it possible to fit maximum performance in minimum space. The result is an outdoor unit with a trimmer appearance for a neater installation.

■ Enjoy the Quiet.

No wonder our Fraser-Johnston system has such low sound ratings. All moving parts were selected for quiet operation and specially mounted to reduce noise. Even the fan blades are designed to move air quietly. What’s more, the upward airflow carries these soft, normal operating noises away from your home.

■ Quality.

Quality materials and manufacturing ensure that the entire system is built to last. The coils are constructed from aluminum for outstanding reliability. Plus, they’re protected from impact by a tough, decorative grille. And the heavy-duty cabinet is made of pre-painted steel with a matte finish that is attractive and resists corrosion and fading.

FRASER-JOHNSTON
Heating ■ Air Conditioning

1. The Federal Government has established SEER (Seasonal Energy Efficiency Ratio) ratings to allow you to compare energy efficiencies of air conditioning equipment. The higher the SEER number, the more efficient the product.

Unique MicroChannel coil construction creates a superior heat exchange surface that allows a smaller unit to provide higher performance in less space

Slim, attractive design will impress you and your neighbors

High and low pressure switches and a solid core filter-drier extend life of the compressor

Permanently lubricated fan motor reduces maintenance costs



■ 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 unit 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 parts warranty).[†]



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.

TCJD AIR CONDITIONERS W/R-410A

Model	Nominal Capacity (tons)	Nominal Cooling SEER	Dimensions (inches)		
			Height	Width	Depth
TCJD18S41S1	1.5	13.0	28	23-1/2	23-1/2
TCJD24S41S1	2.0	13.0	28	23-1/2	23-1/2
TCJD30S41S1	2.5	13.0	28	23-1/2	23-1/2
TCJD36S41S1	3.0	13.0	28	29	29
TCJD42S41S1	3.5	13.0	30	29	29
TCJD48S41S1	4.0	13.0	30	29	29
TCJD60S41S1	5.0	13.0	32	33-1/2	33-1/2

[†] Three-phase models do not qualify for the 10-year warranty. Three-phase models have a 1-year parts and a 5-year compressor warranty.

