



TCGD/TCGF Series

13/14.5 SEER Split System Air Conditioners
with MicroChannel Technology

FRASER-JOHNSTON®
Heating ■ Air Conditioning

- Unique MicroChannel coil construction creates a superior heat exchange surface that allows a smaller unit to provide higher performance in less space
- Tighter coil guard provides better durability
- High-pressure relief valve and solid core filter-drier extend life of compressor
- Permanently lubricated fan motor reduces maintenance costs



- Compressor is protected from high pressure and temperature for durability
- All-aluminum fins look great and provide outstanding resistance to salt spray, which is especially important in coastal applications

R-410A Refrigerant and MicroChannel Coil

The TCGD and TCGF models use R-410A refrigerant with an advanced, all-aluminum MicroChannel coil for outstanding reliability, even in corrosive coastal applications.

Energy Savings.

The 13 and 14.5 SEER, "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 matched with a variable speed air handler or gas furnace, it produces even higher efficiencies, which reduces operating expenses. Both models come with R-410A refrigerant which reduces impact on the atmosphere. The TCGF Series earns the EPA ENERGY STAR® logo.

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. A 7,000 hour salt-spray test proves outstanding corrosion resistance – a feature especially important in coastal applications. 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.

Model	Nominal Capacity (tons)	Nominal Cooling SEER	Dimensions (inches)		
			Height	Width	Depth
TCGD AIR CONDITIONERS R-410A					
TCGD18S41S*	1.5	13.0	28	23-1/2	23-1/2
TCGD24S41S*	2.0	13.0	28	23-1/2	23-1/2
TCGD30S41S*	2.5	13.0	28	23-1/2	23-1/2
TCGD36S41S*	3.0	13.0	28	29	29
TCGD42S41S*	3.5	13.0	30	29	29
TCGD48S41S*	4.0	13.0	30	29	29
TCGF AIR CONDITIONERS R-410A					
TCGF24S41S*	2.0	14.5	28	29	29
TCGF30S41S*	2.5	14.5	36	29	29
TCGF36S41S*	3.0	14.5	36	29	29
TCGF42S41S*	3.5	14.5	34	33-1/2	33-1/2
TCGF48S41S*	4.0	14.5	36	33-1/2	33-1/2
TCGF60S41S*	5.0	14.5	40	33-1/2	33-1/2

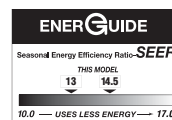
* Denotes engineering version.

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 corrosion resistance. Plus, they're protected from impact by a tough, decorative grille. The permanently-lubricated fan motor needs no servicing. The compressor is the most efficient, reliable, and long lasting in its class and is internally protected from abnormal operating conditions. And the heavy-duty cabinet is made of pre-painted steel with an appliance quality finish that is attractive and resists corrosion and fading. Must be registered online within 90 days of installation otherwise the parts warranty reverts to a 5-year limited parts warranty.



The TCGF model meets ENERGY STAR® requirements for energy efficiency.