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October 2013 Franke Waste Disposers

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FRANKE WASTE DISPOSERS

FWD100R, FWD75R, FWD75BR, WD75R, WD50R

Smarter engineering with bold new models from Franke.

www.frankeksd.com



KITCHEN
SYSTEMS

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Franke Waste Disposers

FWD 100 R • FWD 75 BR • WD 50 R • FWD 75 R • WD 75 R

The new smarter engineered line of waste disposers from Franke take less time to do the job, grind to septic system compatible level of fineness in ALL models and use less energy. These energy efficient and environmentally friendly waste disposers are superior in every way from price to performance.

Permanent Magnet D/C motors with 30% more torque than induction motors.

1 HP model has fastest rpm at 2800 for most efficient grinding
3/4 HP models have 2700 rpm for excellent grinding
3/4 HP, 1/2 HP basic models have 2600 rpms

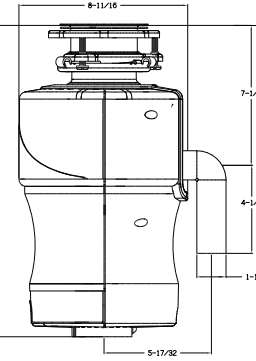
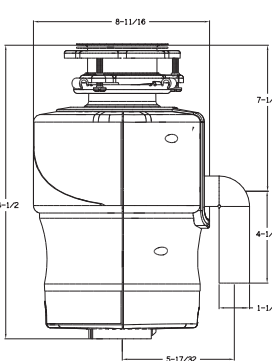
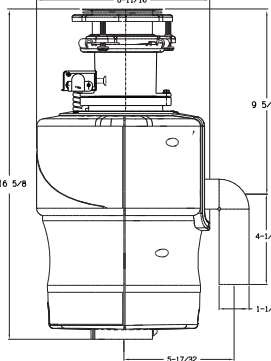
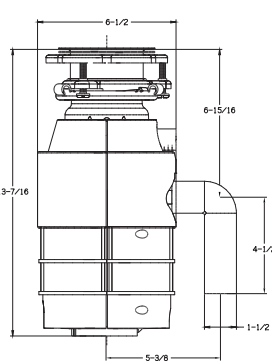
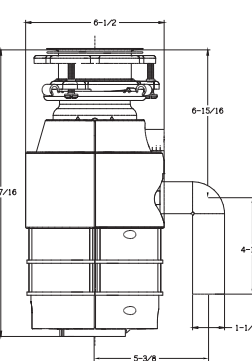
ALL exceed the competition with induction motors by 900-1100 rpms

- Jam-resistant - No need for antiquated auto-reverse function
- No need for second grinding ring
- Improved sound baffling on FWD models

Highly efficient D/C motor is 3-5 pounds lighter than induction motors for easier installation

- New streamlined shell design
- Longest warranties in the industry
- Finer grinding for septic system compatibility in ALL models, with no additional chemicals needed
- Faster grinding for less energy consumption
- Snap and Lock Mounting system, compatible with most popular brands for easy replacement

THE COMPETITION DOESN'T HAVE A BLADE TO STAND ON!

FWD100R	17 lbs.	FWD75R	11 lbs.	FWD75BR	16 lbs.	WD75R	11 lbs.	WD50R	10 lbs.
Horsepower: 100		Horsepower: 3/4		Horsepower: 3/4		Horsepower: 3/4		Horsepower: 1/2	
Feed: Continuous		Feed: Continuous		Feed: Batch		Feed: Continuous		Feed: Continuous	
RPM: 2800		RPM: 2700		RPM: 2700		RPM: 2600		RPM: 2600	
Warranty: Lifetime		Warranty: 10 years		Warranty: 10 years		Warranty: 5 years		Warranty: 5 years	
Price: \$ 419		Price: \$ 329		Price: \$ 389		Price: \$ 199		Price: \$ 159	
									



Franke Waste Disposers - The Evidence

NO LOAD CURRENT DRAW

(Motor Running Without Grinding)

Running a waste disposer *without any contents* is where the decibel level is measured for some competitors.

This chart indicates the relative **efficiency** of FRANKE's Permanent Magnet Motors compared to the leading competitor's Induction Motors without grinding any food.

Similar conditions apply to all operating modes of the disposers.

Amps at 115V 60Hz

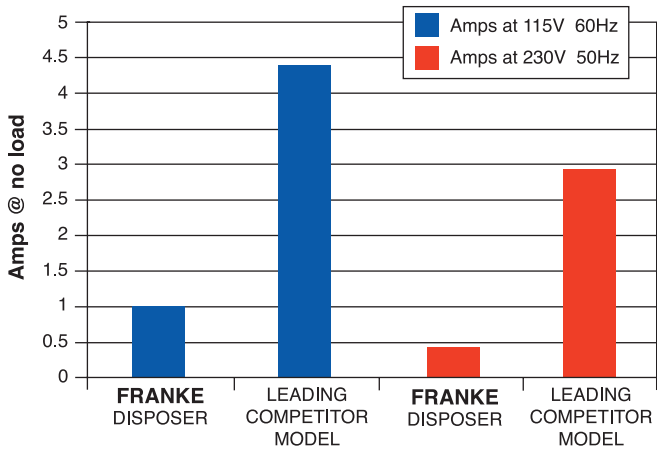
FRANKE Disposer: 0.99

Leading Competitor Model 4.34

Amps at 230V 50Hz

Franke Disposer 0.41

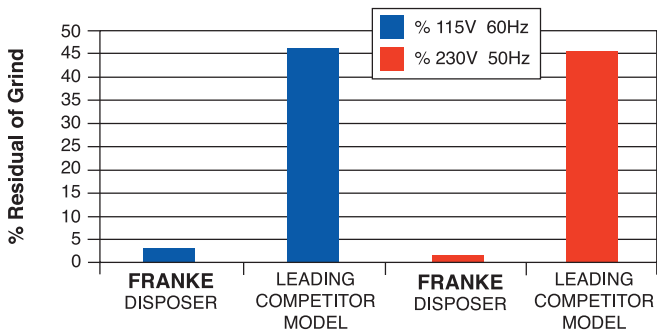
Leading Competitor Model 2.84



FINENESS OF GRIND

FRANKE disposers grind food waste into much smaller particles than the leading competitor's disposer. In this test, virtually all ground food from the FRANKE disposer passed through a 1/4" sieve while almost half of the ground food from the leading competitor's disposer remained in the 1/4" sieve.

Smaller food particles biodegrade faster than larger particles, keeping cess-pools and drain pipes cleaner. Larger food particles also tend to clog drain pipes faster than smaller particles.



GRINDING RATE TEST

FRANKE disposers consume less energy than the leading competitors, to grind the same amount of food waste.

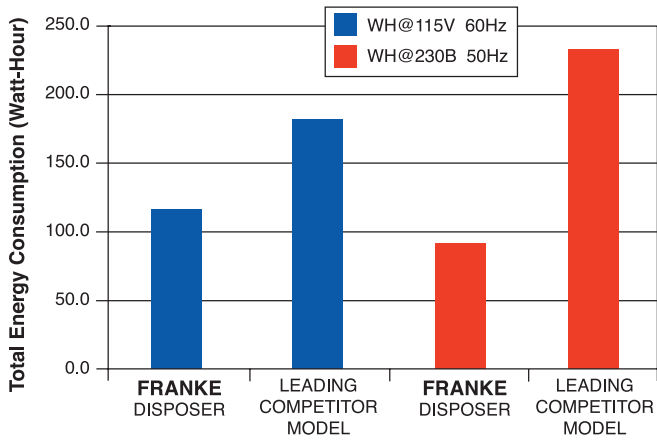
The reason for the significant increase in energy consumption of the 230V, 50Hz leading competitor model is that at 50Hz the Induction Motor speed is reduced by 16.7%, while the FRANKE Permanent Magnet Motors are virtually not affected by the 50/60Hz current difference (A Permanent Magnet Motor becomes slightly more efficient at 50Hz).

Total Energy Consumption: WH@115V 60HZ

FRANKE Disposer: 110.0 / Leading Competitor Model 176.0

WH@230V 50Hz

FRANKE Disposer 90.5 / Leading Competitor Model 232.1



Independent testing conducted by CRT Laboratories ~Orange, CA