

Centrifugal Dryers



In addition to the Hot Air Convection Dryers that we manufacture, Greco Brothers is pleased to offer industrial Centrifugal Dryers through a special arrangement with Ford New Holland. Centrifugal dryers are most appropriate for small parts being processed in bulk. Due to the close proximity of the parts and resistance they offer to free air flow, these applications often present challenges to normal convection dryers. Centrifugal drying overcomes those obstacles and speeds production by drying two ways. Centrifugal force from the spinning action of the basket "throws off" excess water, oils, or other liquids. At the same time, a turbine fan mounted below the basket creates a powerful suction that pulls heated air through the parts load for added drying power. This double-drying action assures fast drying and reduces the scarring and marring frequently responsible for costly rejects. In most cases, producing spot-free, moisture-free parts in under 60 seconds.

Standard Models

See following pages for specifications

Model K11



6" dia. x 6" high
(bench top size)

Model K24



12" dia. x 12" high

Model K90



18" dia. x 18" high

Model K94



18" dia. x 24" high

Dimensions refer to basket size (diameter x height)

Model K-11 Tabletop Dryer

6" x 6" - Perfect for Jewelry!



Overall Height	19.5"
Work Height	16 1/8"
Table Space Required	9 3/8" x 14"
Weight	79 lbs.
Operating Speed	1,100 rpm
Motor Size	1/8 hp
Basket Size	6"x6"
Capacity	7 lbs.
Bearings	2, sealed ball
Reversible Control	No
Drive	Direct coupled
Construction	Arc-welded steel plate
Electrical System	110/120 VAC 50/60Hz
Heating Unit	600 watts switchable electric
Meets N.E.C. Specifications	Yes
U.L. Recognized	Yes
Grease Fittings	None

Model K-24 12"x 12"



Overall Height	36.5"
Work Height	30 1/2"
Floor Space Required	24" x 37"
Weight	400 lbs.
Operating Speed	825 rpm
Motor Size	1 hp
Basket Size	12" x 12"
Capacity	75 lbs.
Bearings	2, tapered roller
Reversible Control	Yes
Drive	2 V-belts
Construction	Arc-welded steel plate
Electrical System	208, 220, 440, or 550 VAC at 60Hz; 380 VAC at 50Hz; 3-phase
Heating Unit	(Optional) electric; steam
Meets N.E.C. Specifications	Yes
U.L. Recognized	Yes
Grease Fittings	Exposed
Meets J.I.C. Specifications	Yes
Rust- and acid-resistant paint	Yes
Mechanical braking system	Yes
Safety interlock switch	Yes

AVAILABLE OPTIONS

Soft Start	Yes
Variable Speed	Yes
Timer	Yes
Temperature Control	Yes

Model K-90 18"x 18"



Overall Height	40.5"
Work Height	37"
Floor Space Required	31" x 40"
Weight	615 lbs.
Operating Speed	625 rpm
Motor Size	2 hp
Basket Size	18" x 18"
Capacity	150 lbs.
Bearings	2, tapered roller
Reversible Control	Yes
Drive	2 V-belts
Construction	Arc-welded steel plate
Electrical System	208, 220, 440, or 550 VAC at 60Hz; 380 VAC at 50Hz; 3-phase
Heating Unit	(Optional) electric; steam
Meets N.E.C. Specifications	Yes
U.L. Recognized	Yes
Grease Fittings	Exposed
Meets J.I.C. Specifications	Yes
Rust- and acid-resistant paint	Yes
Mechanical braking system	Yes
Safety interlock switch	Yes

AVAILABLE OPTIONS

Soft Start	Yes
Variable Speed	Yes
Timer	Yes
Temperature Control	Yes

Model K-94 18"x 24"
Ideal for high-volume finishing and machine shops



Overall Height	46.5"
Work Height	43"
Floor Space Required	31" x 40"
Weight	690 lbs.
Operating Speed	625 rpm
Motor Size	3 hp
Basket Size	18" x 24"
Capacity	250 lbs.
Bearings	2, tapered roller
Reversible Control	Yes
Drive	2 V-belts
Construction	Arc-welded steel plate
Electrical System	208, 220, 440, or 550 VAC at 60Hz; 380 VAC at 50Hz; 3-phase
Heating Unit	(Optional) electric; steam
Meets N.E.C. Specifications	Yes
U.L. Recognized	Yes
Grease Fittings	Exposed
Meets J.I.C. Specifications	Yes
Rust- and acid-resistant paint	Yes
Mechanical braking system	Yes
Safety interlock switch	Yes

AVAILABLE OPTIONS

Soft Start	Yes
Variable Speed	Yes
Timer	Yes
Temperature Control	Yes

DESCRIPTION OF OPTIONS

The following options are available for models K-24, K-90, and K-94:

- **Soft Start** provides a smooth, stepless, reduced-voltage acceleration of the parts load to minimize scarring and scratching of delicate parts. You simply adjust the initial torque and timing of the Soft Start to fit your needs.
- **Variable speed** permits reduced-speed operation to minimize damage to sensitive parts
- **Timer** assists the operator in controlling the time of the complete drying cycle (available on the K11 as well)
- **Temperature control** maintains heating within a controlled range for parts that are sensitive to excess heating



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