

Pope 4" Wiped-Film Still System



Pope Scientific has been supplying Wiped-Film Distillation systems and technology to many industries world-wide for over 45 years. This 4" molecular still package is designed and carefully built with high quality components to provide customers with a complete high performance wiped-film still system, at an affordable cost. Equipped with internal and external condensers, the system is ready for molecular (short-path) distillation, evaporation and concentration operations. The 4" Still package includes all the equipment necessary for efficient and precisely controlled operation of the still. Additional component options are also available for special processing requirements and customers' preferences. This equipment is designed, made and tested in WI, USA and is backed by Pope's unparalleled customer service! Knowledgeable specialists are accessible to users for everything from spare parts orders to in-depth technical phone and video consultation.



Key Features:

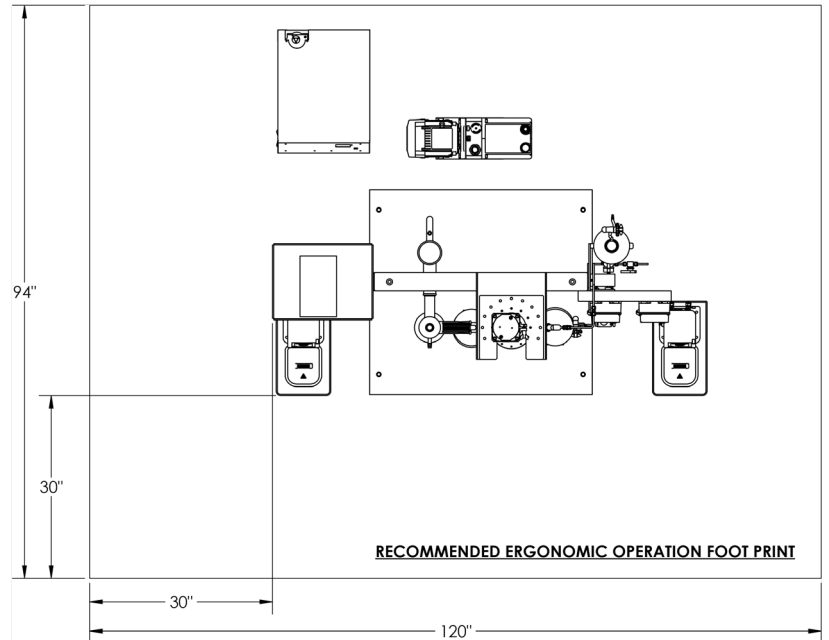
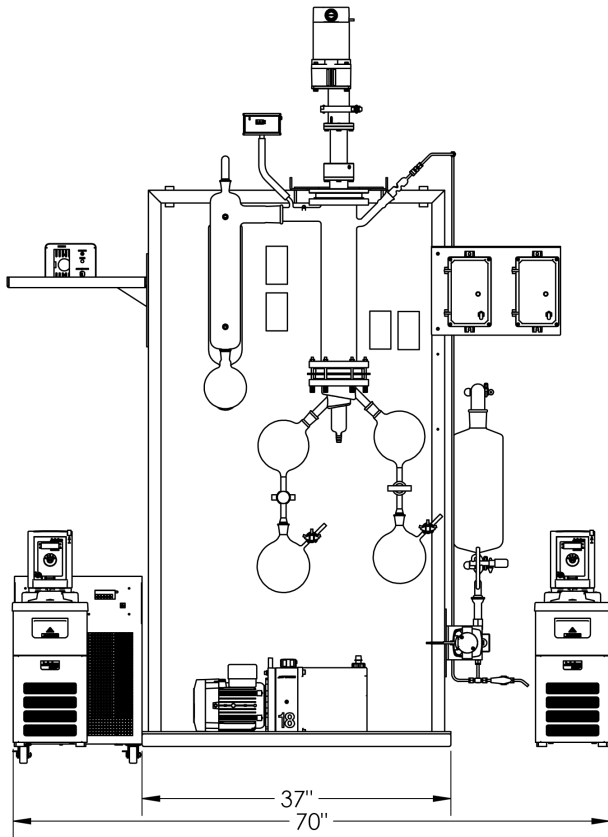
- All components included are of the highest quality and in stock
- Wetted parts are certified borosilicate glass, 316L SS drive and virgin Teflon wipers
- High integrity components and fittings assure high vacuum, leak-free operation
- Each order fully tested as a complete system; comprehensive documentation and manuals provided
- Feed rates from 500 to 4000 ml/hr in glass material
- Compact, robust design
- Built, tested, and shipped within 3-5 weeks after order
- 12 month warranty
- The original, USA-made, classic WFS units since 1976

Optional Packages:

- Feed and discharge liquid pumps
- Stainless steel body/condenser substitution kit
- Vacuum booster diffusion pump
- Hot oil jacketing and heating substitution package
- Advanced automation control, recording and data handling packages
- Addition of Hybrid Distillation componentry providing fractional column and reflux sections for greater separation efficiency of fractions

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Dimensional Diagram:



General Specifications:

Footprint	70"W x 60"D x 87"H (177.8 cm x 152.4 cm x 221.0 cm)
Electrical	60Hz Installations: 52 Amps @ 120V/1ph, 14 Amps @ 240V/1ph 50Hz Installations: 61 Amps @ 240V/1ph
Warranty	Limited 1 year warranty
Feed Rate	500 to 4000 ml/hr with glass body and condenser
Evaporator surface area	0.11m ² (1.15 ft ²)
Evaporator diameter	4"
Ultimate vacuum (clean and dry)	0.008 to 0.02 Torr (0.001 Torr with optional diffusion pump)
Condenser circulator range	-20°C to +150°C
Immersion chiller operating temperature	-80 to -60°C (Colder if LN or dry ice & solvent is used instead)
Heating temperature	325°C

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