

Budget-Friendly PTFE Dry Vacuum Pump

WELCH
A Gardner Denver Product



Welch® DRYFAST® *Collegiate* Model 2014

- Harsh Chemical Fume Applications
- Small, lightweight, oil-free, low maintenance
- Precision vacuum adjustment feature

Preserve your budget while enjoying the advantages of a Welch DRYFAST vacuum pump. Chemical resistant Collegiate Model 2014 pump is perfect for MeCl_2 and other volatile solvent rotary evaporations. Achieve precise vacuum control down to 40 torr using convenient adjustment knob. 25 lpm flow enables multi-user use for organic solvent filtrations and other routine chemistry lab operations – while enabling fume discharge to your hood. Modern, compact design weighs only 15 lbs.

Collegiate Model 2014 applications

Rotary Evaporations @ 35° C – Volatile solvents

Vacuum Filtrations – up to 3 Funnels

Vacuum Ovens – Models up to 1 Cu. Ft.

Select
The Right DRYFAST
Pump For Your Needs

Ultra



Research

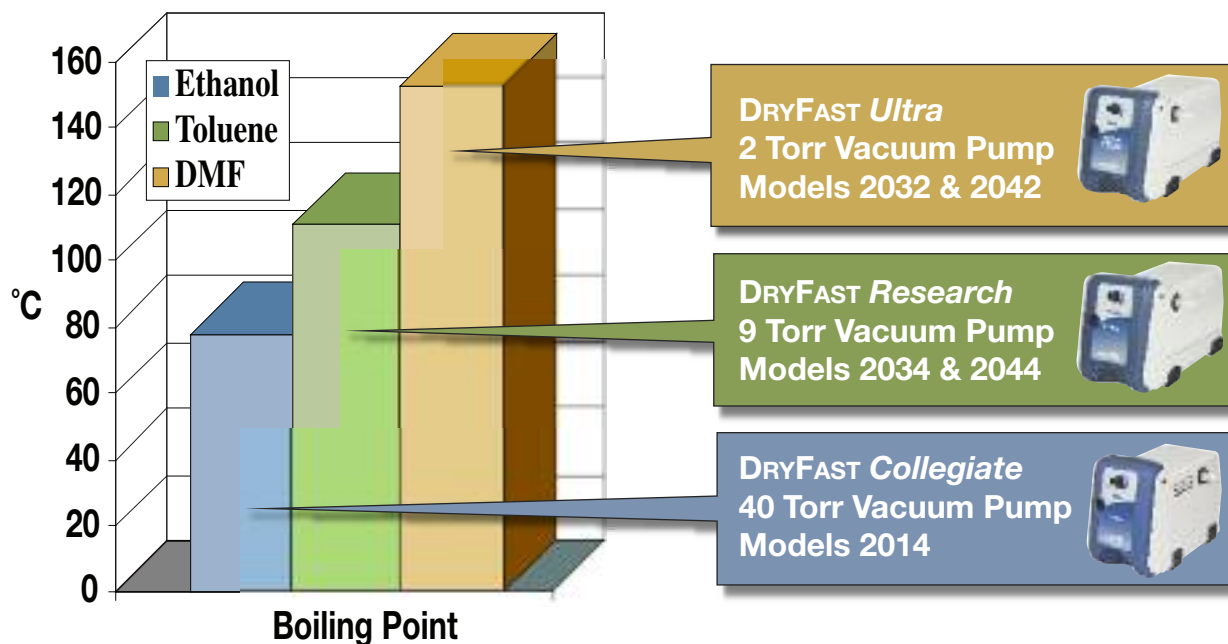


Collegiate



See Reverse Side for Details!

Selecting your Welch® PTFE Vacuum Pump



Rotary Evaporations

Buy the DRYFAST® pump for the vacuum levels you need. Lower vacuum levels are required to drive evaporation of volatile solvents. Use solvent volatility criteria above to size your pump for safe, high-yield evaporations at 35° C.

DRYFAST Models ¹					
	Collegiate	Research		Ultra	
Model	2014	2034	2044 ²	2032	2042 ²
Free Air Displacement, L/min	25	25	35	25	35
Ultimate Pressure, Torr	40	9	9	2	2
Maximum Vacuum, in. Hg	28.3	29.6	29.6	29.85	29.85
Tubing Needed, in. I.D.	1/4	1/4	1/4	1/4	1/4
Weight, lbs.	15.0	21.3	21.3	21.3	21.3
Length, in.	12.0	13.8	13.8	13.8	13.8
Width, in.	7.0	6.8	6.8	6.8	6.8
Height, in.	8.3	8.8	8.8	8.8	8.8
Catalog Number:	2014B-01	2034B-01	2044B-01	2032B-01	2042B-01

1. All models are 115 V, 60 Hz, 1Ph, North American Plug
2. Large volume applications, e.g. 10L rotary evaporator

For assistance in selecting your DRYFAST PTFE Vacuum Pump, Contact your Welch Sales Representative at:
www.welchvacuum.com

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