

Tune-able Vacuum PTFE Dry Pumps



Models 2034, 2044,
2037, 2047



Models 2032, 2042

- Advanced design dry vacuum pumps
- Built-in vacuum adjustment for “tune-able” vacuum optimization
- 2 Torr (2.7 mbar) models strip DMF fast at 35° C
9 Torr (12 mbar) models strip most common solvents fast
- Corrosion resistant, chemical duty, oil-free diaphragm pumps
- Ideal for rotovaps, concentrators, vacuum ovens

For Specifications & Ordering Information, See p. 22

All New DRYFAST® and DRYFAST ULTRA® PTFE Vacuum Pumps

DRYFAST and DRYFAST ULTRA vacuum pumps are a major departure from previous PTFE dry pump capabilities. Adjustable vacuum is standard with all models allowing the pump’s vacuum to be tuned or optimized for the task at hand. Ultimate vacuum levels range from 2 Torr (2.7 mbar) to 35 Torr (47 mbar) for the highest flow unit. Maximum flows from 25 to 70 L/min (21 to 58 L/min at 50Hz) serve a wide variety of laboratory needs. DRYFAST and DRYFAST ULTRA pumps are suitable for rotary evaporators, vacuum concentrators, vacuum ovens, distillation, filtration, and other applications for pumping aggressive vapors and gases.

.... Drive maximum evaporation without bumping or foaming in sensitive operations. *Tune-able vacuum* allows for visual vacuum adjustment to optimize evaporation rates for rotary evaporation. *Tune-able vacuum* also allows adjustment to optimum vacuum for distillation, vacuum concentration, and other vacuum sensitive techniques.

.... 2 Torr (2.7 mbar) models achieve *fast evaporation for DMF* and other high boiling point solvents at low bath temperatures.

.... Constructed with solid PTFE heads, PTFE diaphragms, Kalrez® valves and fluorinated plastics at all wetted surfaces. These corrosion resistant vacuum pumps *handle aggressive vapors*. DRYFAST and DRYFAST ULTRA vacuum pumps *with no oil changes* save time, mess, and money.

A Broad Range of Vacuum and Flow Levels for a Broad Range of Laboratory Applications

Pump Model No.	High Vacuum		General Purpose		High Flow	
	2032	2042	2034	2044	2037	2047
Free Air Displacement						
CFM (L/min) @ 60Hz	0.9(25)	1.2(35)	0.9(25)	1.2(35)	1.8(50)	2.5(70)
m ³ /hr (L/min) @ 50Hz	1.25(21)	1.75(29)	1.25(21)	1.75(29)	2.5(42)	3.5(58)
Ultimate Pressure, Torr (mbar)	2(2.7)	2(2.7)	9(12)	9(12)	50(67)	35(47)
Wired for 115V, 60Hz, 1Ph with N. American 115V plug	2032B-01	2042B-01	2034B-01	2044B-01	2037B-01	2047B-01
Wired for 230V, 50/60Hz, 1Ph, IEC Cord with Continental Euro. (Schuko) plug	2032C-02	2042C-02	2034C-02	2044C-02	2037C-02	2047C-02
Wired for 100V, 50/60Hz for Japan	2032C-05	2042C-05	2034C-05	2044C-05	2037C-05	2047C-05