

Walk away Automation



- Compact, all in one PTFE pump, programmable controller and liquid traps
- 2 Torr/2.7 mbar for fast stripping of DMF
- Intuitive, flexible operation and programming
- Self-Cleaning and patent pending vacuum control for long diaphragm life and stable vacuum
- Quiet, low vibration



Model 2028



Model 2028 Programmable Self-Cleaning Dry Vacuum System™

We've taken the popular Welch Self-Cleaning Dry Vacuum System, a laboratory workhorse, and added full user programmability and 2Torr/2.7 mbar DMF stripping capability. Enter the parameters via the keyboard or call up one of the stored programs and *walk away*. Model 2028 takes over and completes your rotary evaporation, distillation, or other evaporation procedure.

- *Five user stored programs* with one or two vacuum setpoints and evaporation times.
- Enter the desired vacuum with the numeric keypad or find the optimum vacuum with the easy to use electronic vacuum adjustment dial.
- One-touch function keys stop *bumping/foaming*, go quickly to *maximum vacuum*, or *vent* to atmosphere.

For Specifications & Ordering Information, See p. 23

Welch Self-Cleaning Dry Vacuum Systems – Model 2025, Model 2027, and Model 2028

Features of all Self-Cleaning models: • Complete vacuum system for evaporation • Corrosion resistant PTFE pump body & diaphragms, fluoroplastic valves and wetted surfaces • Continuously adjustable vacuum regulator or controller • Vacuum read-out • Inlet and outlet liquid traps • Anti-bumping/foaming feature • Automatic Self-Cleaning purge at shutdown

Welch Model	2025	2027	2028
Free Air Displacement			
CFM (L/min) @ 60Hz	1.2(35)	1.2(35)	1.2(35)
m ³ /hr (L/min) @ 50Hz	1.7(28)	1.7(28)	1.7(28)
Ultimate Pressure, Torr (mbar)	9(12)	2(2.7)	2(2.7)
Wired for 115V, 60Hz, 1Ph with N. American 115V plug	202501	202701	202801
Wired for 230V, 50Hz, 1Ph, IEC Cord with Continental Euro. (Schuko) plug	202503	202703	202803
Wired for 100V, 50/60Hz for Japan	202505	202705	202805



Model 2025



Model 2027