

VENDOR CATALOG / FINISH THOMPSON

Finish Thompson Catalog

UCR/UCP ANSI sealless pumps, AK/AV/VKC/MSVVC vertical mag-drive, and DB Series drum pumps – real specs and chemical compatibility, as stocked and specified by LibertyCES.

ANSI SEALLESS PUMPS

UCR & UCP Series

8 out of 10 failures in harsh chemical service stem from seal failure, misapplied materials, or poor specification alignment. Each incident typically costs \$8,500+ in cleanup and \$22,000+ in downtime. Sealless construction removes the single largest failure point.



UCR Series – Ultimate Reliability

Pure ETFE
containment · ANSI
drop-in compatible · up
to ~250°F (121°C) · dual
bushings with spiral
flow design.



UCP Series – Containment Value

ETFE-lined ductile iron
· optimized hydraulics
with reduced radial
load · up to ~180°F
(82°C) · snap-fit
impeller for simplified
service.

CHEMICAL COMPATIBILITY

Sodium Hypochlorite

Phosphoric Acid

Nitric Acid

Caustic Soda

PFA, PTFE, and ETFE liners confirmed across the UCR/UCP family for acid service, overlapping directly with Richter's MNK/RM/QMD line – a second, independent vendor confirming the same material calls for phosphoric and nitric acid transfer.

VERTICAL SEALLESS MAG-DRIVE

AK / AV / VKC / MSVKC Series

Vertical mag-drive pumps for sump, tank, and pit service where a horizontal ANSI footprint doesn't fit.



AK4/5 · AV4/6H/8H · VKC55/10 · MSVKC

Premium wetted tier: Titanium · Hastelloy C

Sodium Hypochlorite

Bromine

Oxidizing Chemistry

Finish Thompson independently confirms sodium hypochlorite compatibility for this vertical mag-drive line — a second vendor corroborating the same chemistry as the UCR/UCP horizontal series, different pump family. For oxidizer service specifically, titanium and Hastelloy C are offered as a premium wetted-material tier above standard PP/PVDF.

DRUM & BARREL PUMPS

DB / SP / SF / PF / TT / TB / HVDP Series

Intermittent transfer directly from source containers — drum, tote, and barrel unloading.

**DB3 – DB22 · SP10/11/15/22 · SF · PF · TT · TB · HVDP**

Acids & Bases

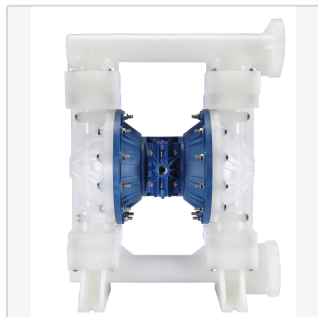
Plating Solutions

Wetted material options span polypropylene, PVDF, and 316 stainless across the family — the base drum-pump line publishes a general material list without a per-chemical rating, so treat this family as a spec-review item before assuming compatibility for an aggressive or unusual fluid, rather than a self-service catalog pick.

ALSO UNDER THE FINISH THOMPSON UMBRELLA

FTI Air & Filter Pump Divisions

Finish Thompson operates two independently-branded divisions with their own product identity, covered by their own dedicated catalogs.



FTI Air — AODD Pumps

Air-operated double diaphragm pumps, FT025 through FT30P — also referenced in this guide's diaphragm-pump comparisons alongside Graco Husky. Own dedicated catalog and manufacturer page (in progress).



Filter Pump — Filtration Systems

MTD and related filtration pump systems — independently confirmed for acid transfer service alongside Richter and Finish Thompson's own UCR/UCP/DB lines. Own dedicated catalog and manufacturer page (in progress).

NEXT STEP

Send LibertyCES the process data, not a part number.

Three real Finish Thompson pump families, real specs and material call-outs — but your actual application still has a specific chemical, concentration, temperature, and duty cycle that determines which model and material is correct.

Fluid, chemistry, concentration, temperature, flow, pressure, suction conditions, current equipment, and drawings if you have them — that's what a real spec review needs to start.

Request a spec review

james@libertyces.com

(559) 395-5500

libertyces.com