

AIR OPERATED CBD OIL PUMP

Air Operated Double Diaphragm Pumps (AODD) for Safe Reliable Solvent Delivery, Cold Ethanol Extraction and Filtration

Why Air Operated Double Diaphragm (AODD) Pump?



No electricity required and can be fully grounded (ATEX compliant)



Ability to pump fluids as cold -40°F/C



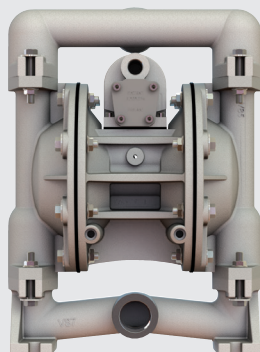
Self-priming, works in suction lift applications



Dry-run without damaging the pump or system



Deadheads safely, with no pump or product damage



Solvent Delivery

Reliable and safe solvent delivery

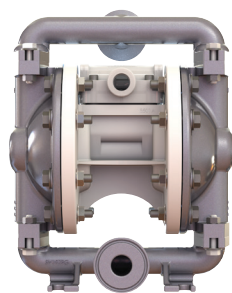
- ATEX compliant design standard for safe grounding
- Leak-Free bolted construction
- Non-Icing patented air distribution system



Pump Models for Temperatures to -40°F/C

1" (25.4 mm) 49 GPM (185.5 lpm)	1 1/2" (38 mm) 123 GPM (465 lpm)	2" (50.8 mm) 160 GPM (606 lpm)	Description
E1SA4R449C-ATEX	E40SA4D449C-ATEX	E2SA4D449C-HD-ATEX	SS Wetted, EPDM Diaphragms
E1SA6X669C-ATEX	E40SA6D449C-ATEX	E2SA6D669C-HD-ATEX	SS Wetted, Santoprene Diaphragms
*E1SA5T559C-ATEX	*E40SA5T559C-ATEX	*E2SA5T559C-HD-ATEX	SS Wetted, PTFE Diaphragms

*Note: PTFE fitted models rated to -35° F/-37° C



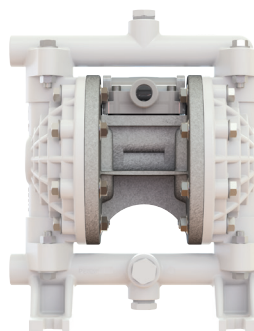
FDA Compliant

Safe for food applications

- Tri-Clamp fluid connections
- Electro-polished to 125 μ -in (3.175 μ -m)
- EC 1935/2004 Food contact material certified
- Constructed of FDA compliant materials



ATEX compliant models available



Filtration Pump

Chemically resistant lower cost option

- All plastic chemical resistant construction
- Center or end ported fluid connections for installation flexibility
- Leak-Free bolted construction

Pump Models for Temperatures to -40°F/C

1/2" (12.7 mm) 12 GPM (45.4 lpm)	1" (25.4 mm) 49 GPM (185.5 lpm)	Description
E5SPYX5S9C-FP	E1SJYX559C-FP-ATEX	FDA Polished SS Wetted, FDA Santoprene Diaphragms
*E5SP5T559C-FP	*E1SJ5T559C-FP-ATEX	FDA Polished SS Wetted, PTFE Diaphragms

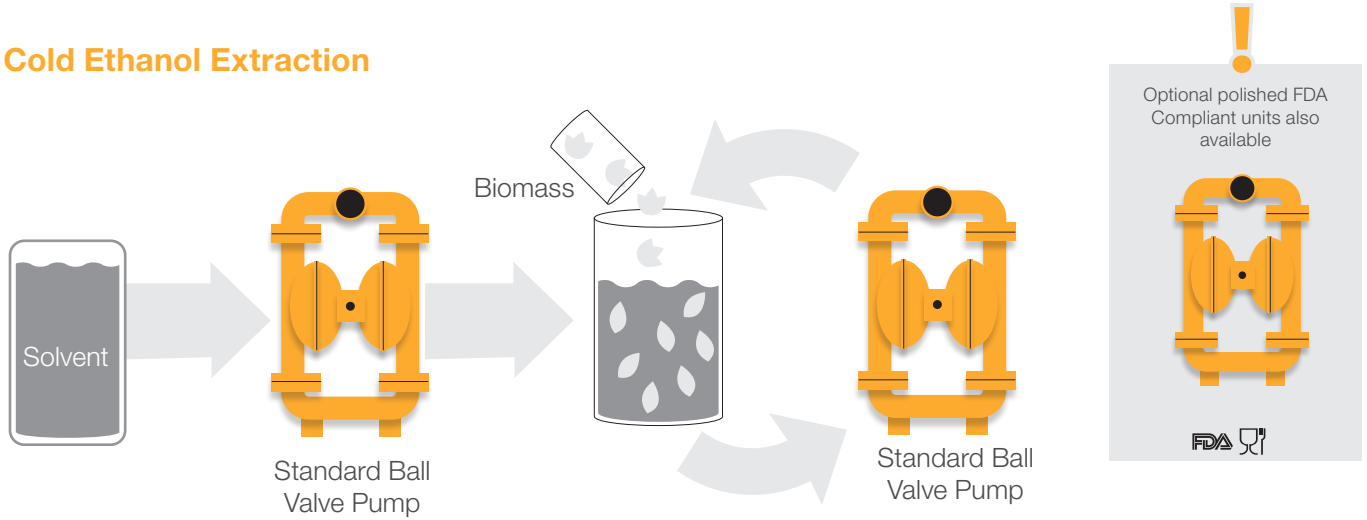
*Note: PTFE fitted models rated to -35° F/-37° C

Pump Models for Temperatures to 32° F/ 0° C

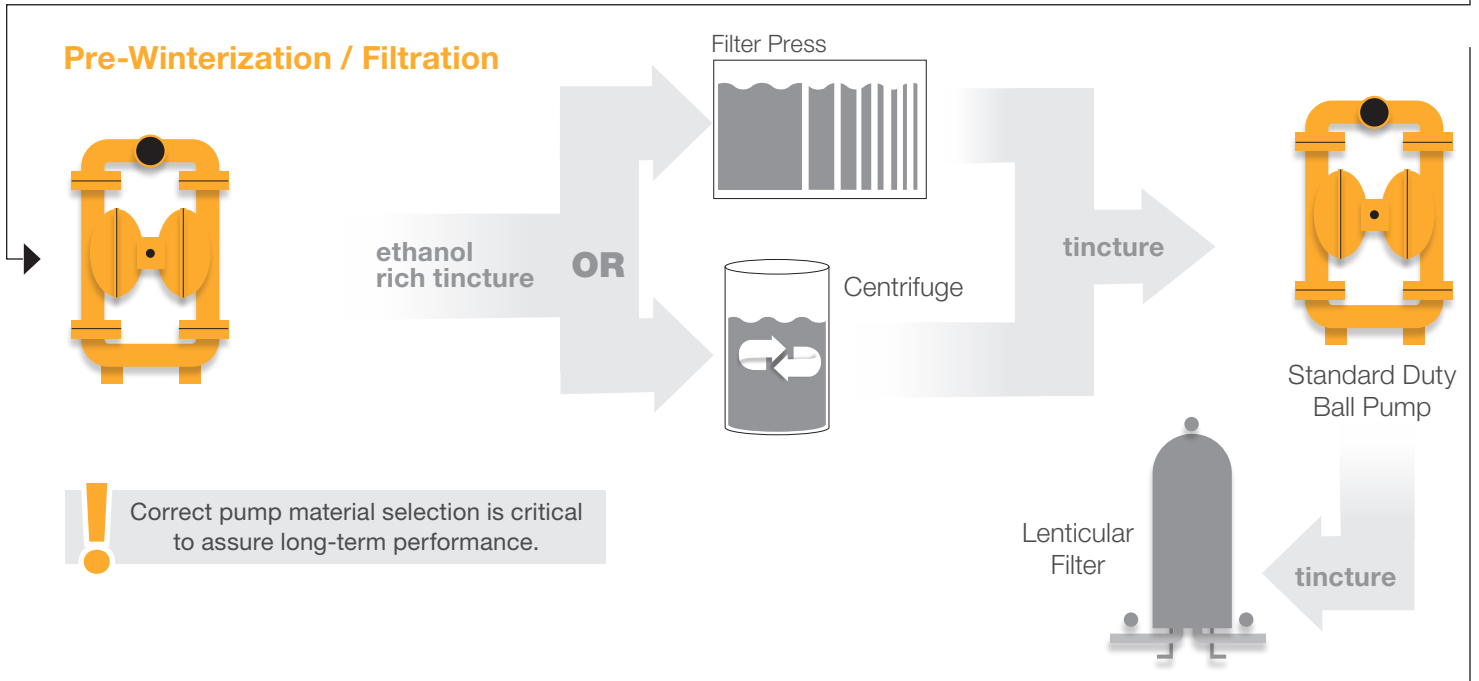
1/2" (12.7 mm) 12 GPM (45.4 lpm)	1" (25.4 mm) 49 GPM (185.5 lpm)	1 1/2" (38 mm) 123 GPM (465 lpm)	Description
E5PP4R5T9C	E1PP4R449C	Consult Factory	PP Wetted, EPDM Diaphragms
E5PP6X669C	E1PP6X669C	E40PP6X59A	PP Wetted, Santoprene Diaphragms
E5PP5T5T9C	E1PP5T5T9C	E40PP5T559A	PP Wetted, PTFE Diaphragms

Three areas where AODD's are the best solution

Cold Ethanol Extraction



Pre-Winterization / Filtration



Solvent Recovery/Phase Change

