

VANE AND ROLLER PUMPS

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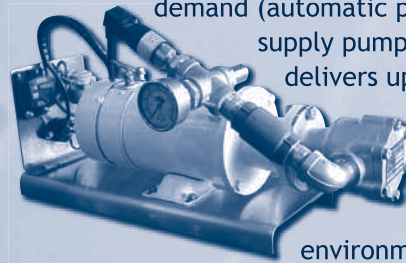
FAST FOOD FRYER PUMP

Gear pumps are the most widely used pumping principle for fryer oil transfer and filtering (see page 96). However, this Hypro NSF rated roller pump handles high temperatures (400° F) and has many advantages over the gear design (ie. better solids passing capability and higher flow ratings).



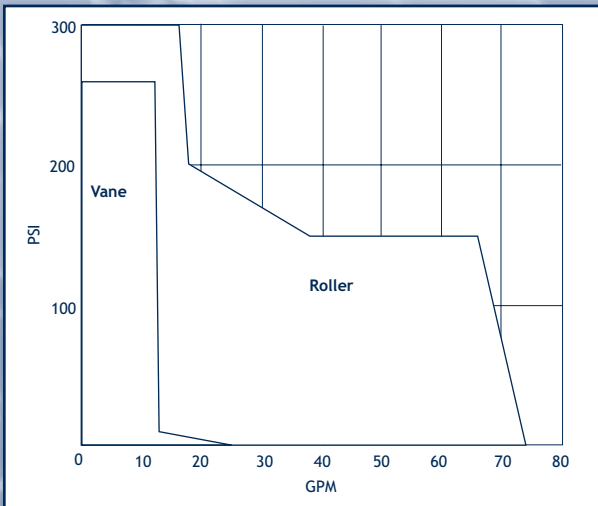
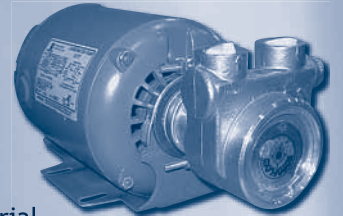
DC DEMAND WATER SYSTEM

This stainless steel vane pump assembly was created as a 12vdc demand (automatic pressure switch operated) water supply pump on a large private yacht. It delivers up to 12 gallons per minute and up to 50 psi. The owner desired a high quality pump that "looked expensive" and would hold up well in a marine environment.



CARBONATOR PUMP

This pump series has been used for decades on beverage machines, drink dispensers and espresso machines. In fact a whole series of motors were designed specifically for this compact vane pump. We're finding many industrial and OEM applications for which this cost effective pump is ideal. See pages 44 and 45 for product details.



RULES OF THUMB

These Pump Are Mis-underestimated!

Both vane and roller pump designs have been pigeon-holed into specific applications (roller into agricultural spray and vane into carbonator and oil/fuel transfer applications). Don't overlook these cost effective designs for your application!

Experiment and Save! Many of our customers have saved hundreds and some even thousands of dollars by trying these inexpensive pumps on their challenging applications prior to spending a bundle on the traditional pump type used.

Inventors: It is always easier to advance your design using off-the-shelf items – and we have some very unique pumps on our shelves! Tell us what you are trying to do – you'll spend less time waiting for samples.

COOL YOUR WELDER!



Many heliarc welders utilize water for cooling their welding tip. Vane pumps are often used to supply the coolant water at the low flow and high pressure required. See page 128 for replacement pump information.

GASOLINE TRANSFER

Fill-Rite is the standard gasoline and diesel pump used for farm and construction applications throughout the United States. The majority of transport tanks often seen in the back beds of pickups will have the familiar red pumps.

They come in 12 and 24 vdc, 115 vac and manual operation. See page 104 for details (meters are also available).

