

## Whisperflow pumps with built in Variable Speed drives

The motors used in these pumps are permanent magnet motors for maximum efficiency, and are TEFC for water protection. CSA approved.

Model #	Description	Price
011055	0-3HP, 230v & 1ph, 8 speeds w/timers	\$1804.95
011017	0-3HP, 230v & 1ph, infinite speeds & built Safety Vacuum Release System	\$1965.50
011012	0-3HP, 230v & 1ph, infinite speeds & can be set to maintain a flow rate	\$2384.79



## Variable Frequency Drives (VFD)

VFD solutions for your facility. Their purpose is to maximize the energy efficiency of your motors by only feeding the energy required to meet your designed flow rates. As an example a 20% reduction in pump speed will yield you an approximate 50% reduction in energy usage. Any facility that uses valves to throttle a too large pump or one that runs at a higher flow rate than mandated by the health authorities can benefit from this technology. VFD's can be tied directly to flow meters that have digital output so that they can adjust flow on the fly during the filter cycle. They also can have optional communication modules to connect to BMS systems through common protocols. Many models also incorporate ramping on start up (or soft start) which reduces air hammer and pressure issues downstream. This can prolong the life of other equipment like filters in your facility. For quotes on options not listed below please call with your requirements.

**Lenze SMV Series Features:** NEMA 1 (IP31) Indoor Enclosure, programmable, 1 output relay, 3 digital inputs, 1 analog input, (0-10v or 4-20ma), 1 analog output.

Model No	HP	Description	Price
ESV420N02TXB	5HP	Lenze SMV Series, 240v, 3ph	POR
ESV552N02TXB	7.5HP	Lenze SMV Series, 240v, 3ph	POR
ESV752N02TXB	10HP	Lenze SMV Series, 240v, 3ph	POR
ESV113N02TXB	15HP	Lenze SMV Series, 240v, 3ph	POR
ESV153N02TXB	20HP	Lenze SMV Series, 240v, 3ph	POR
ESV402N04TXB	5HP	Lenze SMV Series, 480v, 3ph	POR
ESV552N04TXB	7.5HP	Lenze SMV Series, 480v, 3ph	POR
ESV752N04TXB	10HP	Lenze SMV Series, 480v, 3ph	POR
ESV113N04TXB	15HP	Lenze SMV Series, 480v, 3ph	POR
ESV153N04TXB	20HP	Lenze SMV Series, 480v, 3ph	POR
ESV402N06TXB	5HP	Lenze SMV Series, 575v, 3ph	POR
ESV552N06TXB	7.5HP	Lenze SMV Series, 575v, 3ph	POR
ESV752N06TXB	10HP	Lenze SMV Series, 575v, 3ph	POR
ESV113N06TXB	15HP	Lenze SMV Series, 575v, 3ph	POR
ESV153N06TXB	20HP	Lenze SMV Series, 575v, 3ph	POR

**Options available:** NEMA 4X, (IP65) enclosures, disconnect switches, other voltages, more interconnect features.

**Brands available:** Lenze, ABB, Pentair, & Neptune Benson



LENZE SMV



LENZE SMV IN IP31 ENCLOSURE



LENZE SMV IN IP65 WITH OPTIONAL DISCONNECT



LENZE VFD IN IP65 ENCLOSURE