

# High Pressure Water Pump

Made in USA

## ATACAMA

The Atacama Koolfog is our commercial, industrial high-pressure pump line and is designed for the most sophisticated & high-volume misting and humidification applications. Named after what's considered the driest region in the world, the Atacama high pressure pump is equally impressive and suited to extreme environments. The Atacama is offered in flow rates from 19Lpm to 35 Lpm.

Ingenuity went a designing product line suited to such high demand by remaining true to the concepts of maximum efficiency and engineered reliability. The operational programmable logic controller (PLC) and variable frequency drive (VFD) adjusts the motor speed and output based on pressure or zoning, in essence, managing fog output to defined parameters and operating energy and water efficient.



Model	Flow Rate LPM app.	Max Pressure Bar	PSI	Volts	Hz*	HP
A200VFD	19	69	1000	220/400	50	5
A240VFD	23	69	1000	220/400	50	5
A360VFD	34	69	1000	220/400	50	7.5
A400VFD	38	69	1000	220/400	50	10
A600VFD	57	69	1000	220/400	50	15
A800VFD	76	69	1000	220/400	50	20
A1000VFD	95	69	1000	220/400	50	25
A1400VFD	133	69	1000	220/400	50	30

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<b>INPUTS</b>	Hand/Off/ Auto switch Relay contact closure
<b>VFD ADDITIONAL INPUTS</b>	1 analog input 0-10 VDC for speed control in variable pressure applications 3 relay contact closures (2 for constant pressure applications, four speed settings, 1 for start command)
<b>DIAGNOSTICS AND PROTECTION</b>	Inlet and outlet glycerin filled gauges for accurate readings Hour meter showing system usage Thermal overload reset protects the motor from overheating Pulsation dampener minimizes wear to downstream components Safety relief valve provides back-up over pressure protection Thermal relief valve protects the pump against premature seal failure by eliminating heat build-up
<b>VFD ADDITIONAL DIAGNOSTICS</b>	Low water pressure fault indicator VFD fault indicator includes motor overload faults 1000 psi / 69 bar factory setting, 1200 psi / 83 bar max standard*
<b>DISCHARGE</b>	<i>*1500+ psi available (motor requirements &amp; dimensions may change)</i>
<b>DRAIN</b>	Pressure release drain