



## Distribution Systems

**Distribution Pump(s):** The distribution pump(s) (single or duplex) shall be vertical, in-line stainless steel construction complete with motor(s) and starter(s). The pump motor shall be totally enclosed, fan-cooled design and shall not overload as it accelerates the impeller to design speed at design operating conditions. The pump drive coupling shall be protected by a stainless steel coupling guard designed to meet OSHA Standards.

**UV Sterilizer:** The UV sterilization unit shall provide a minimum 99 percent destruction of reproducing bacteria and viruses and shall be constructed of electro-polished stainless steel. The unit shall provide a minimum output intensity of 30,000 microwatt-sec/cm<sup>2</sup> at a wavelength of 2540 Angstroms (254 nm) after 8,000 hours of operation.

**Final Filter:** The final filter housing(s) (select single or duplex) shall be constructed of 316L stainless steel with sanitary tri-clamp type connections. The housing shall meet 3A sanitary requirements and have a minimum 180 grit, electropolished interior finish. The system shall be provided with 0.2-micron, absolute rated, non-fiber releasing elements, rated to provide an initial pressure loss of 2 PSIG at 100% of the circulated flow. Other loop options include cooling, heat, ozone and chemical sanitization.



## Unit Model Selection Table:

Model Number	Circulation Flow Rate* (GPM)	Pure Water Demand Rate* (GPM)	Inlet/Outlet/Drain Connection Size	Unit Dimensions (LXWXH)
IPOLISH005	5	2	1" - 1"	36" x 50" x 60"
IPOLISH010	10	6	1" - 1"	36" x 50" x 60"
IPOLISH020	20	14	1 1/4" - 1 1/4"	36" x 50" x 60"
IPOLISH030	30	24	1 1/4" - 1 1/4"	48" x 49" x 60"
IPOLISH04/50	40-50	30-40	1 1/2" - 1 1/2"	52" x 54" x 60"
IPOLISH06/90	60-90	45-75	2" - 2"	52" x 54" x 60"
IPOLISH100/125	100-125	80-105	2 1/2" - 2 1/2"	63" x 80" x 72"
IPOLISH125/150	125-150	95-120	3" - 3"	63" x 80" x 72"
IPOLISH150/175	150-175	105-130	4" - 4"	70" x 80" x 72"