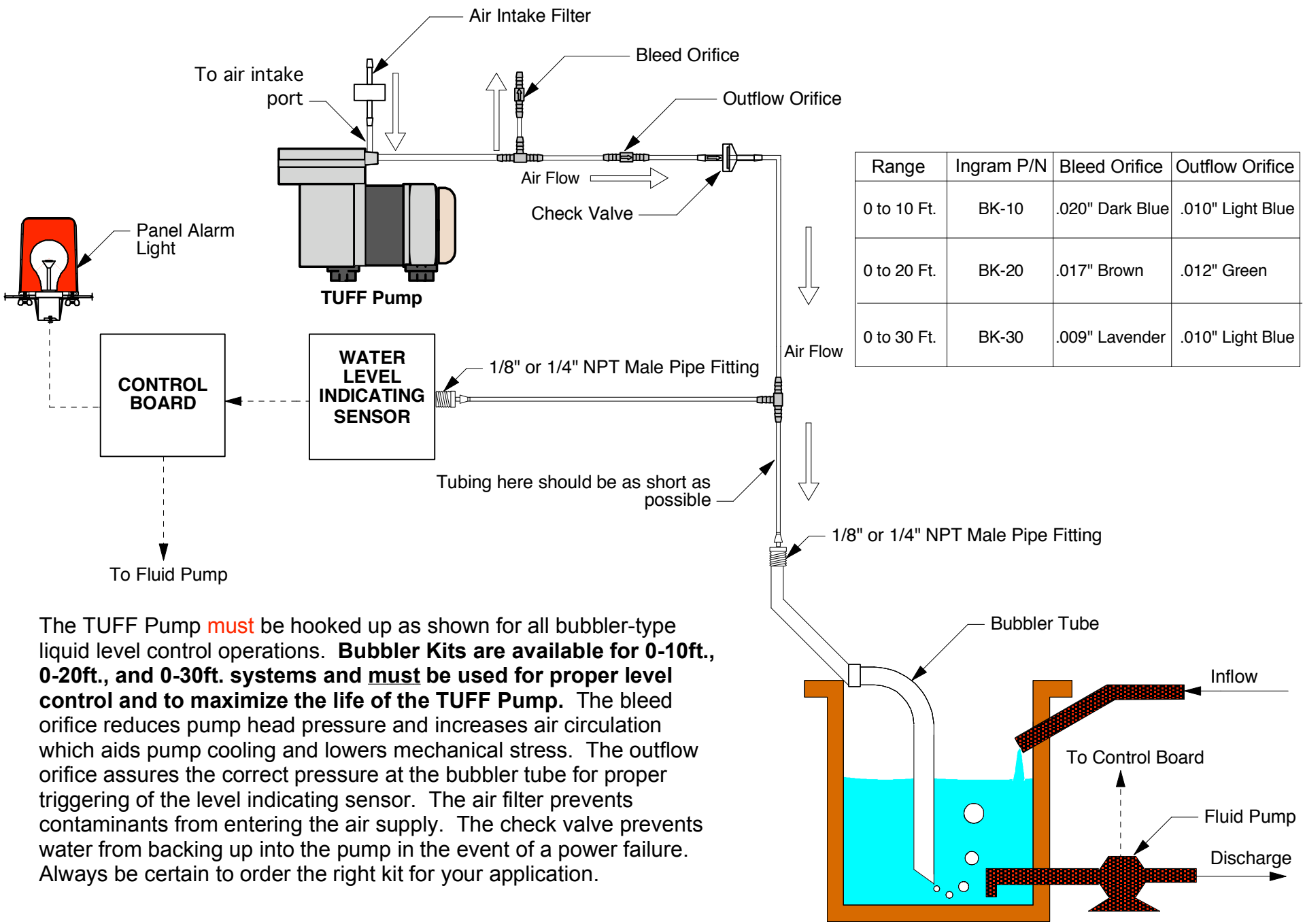
TUF Pump - Typical Bubbler Liquid Level Control Application



Range	Ingram P/N	Bleed Orifice	Outflow Orifice
0 to 10 Ft.	BK-10	.020" Dark Blue	.010" Light Blue
0 to 20 Ft.	BK-20	.017" Brown	.012" Green
0 to 30 Ft.	BK-30	.009" Lavender	.010" Light Blue

The TUFF Pump must be hooked up as shown for all bubbler-type liquid level control operations. **Bubbler Kits are available for 0-10ft., 0-20ft., and 0-30ft. systems and must be used for proper level control and to maximize the life of the TUFF Pump.** The bleed orifice reduces pump head pressure and increases air circulation which aids pump cooling and lowers mechanical stress. The outflow orifice assures the correct pressure at the bubbler tube for proper triggering of the level indicating sensor. The air filter prevents contaminants from entering the air supply. The check valve prevents water from backing up into the pump in the event of a power failure. Always be certain to order the right kit for your application.