

Model 3W Specification

Supply Model 3W zone control panels as manufacturing by ZCP Manufacturing of Calgary, Alberta, Canada. The panel primary piping shall be 1" 316L Stainless steel. The 3W shall be in a lockable, appliance type cover (gray in color), nominal dimensions shall 24" tall by 36" wide by 7" deep. The unit shall come with a pre wired pigtail with plug, 6' cord. 115/1/60 15 Amp service shall be supplied for each panel. Each panel shall be cETLul third party listed and made to CSA and UL 508 standards.

Each panel be designed as per the attached drawing designed to function mixing panel designed to take a current voltage signal (4-20 mA or 0-10 VDC) from a remote energy management system to control the outlet to control heating water temperature to from 1 to 9 zones (up to 180 MBH total output for heating, also available for cooling). Unit shall be supplied with an inlet combination globe type balance valve (an isolation valve) on the supply with presettings and a isolation ball valve on the return. Method of control of temperature shall be an ESBE 3-Way mixing valve with motor. A Grundfos Model 26-99 3 speed pump shall be provided downstream for the mixing valve. A Grundfos Model 26-99 3 speed pump shall be provided downstream for the mixing valve. A bronze manifold with optional 3/4" zone valves (2 to 9) and loop balance valves shall be provided. Design is based on 2 GPM flow per loop.

