



ZCP Manufacturing Newsletter

Our New Website

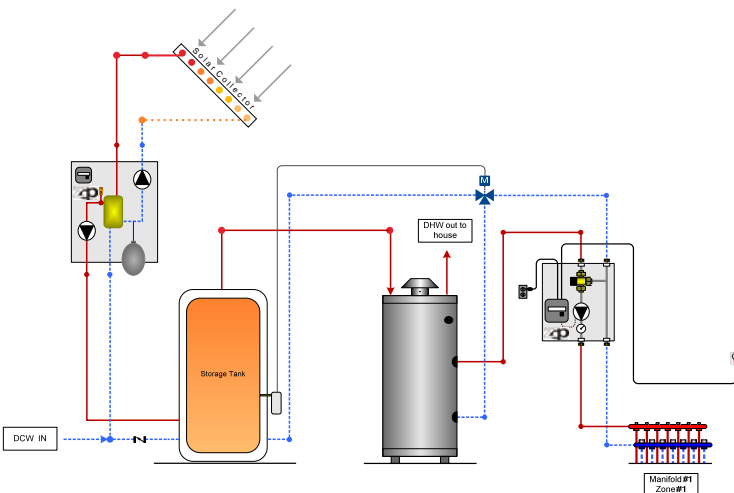
After a great deal of work we are proud to introduce our new greatly improved, completely redesigned website www.zcpinc.com. We plan to make this a dynamic website, constantly keeping our customers advised of updates, new products and news from ZCP Manufacturing Inc. We have added an easy selection chart with quick connections to specific panel models with Literature pieces, submittals and data sheets and IOMs easily accessible. We have added a new “scroll” over panel layout drawing which helps explain visually and with text the functioning and typical layout of our CMBP panel.

HXPro Solar

Our chief engineer, Brian Wheeldon, has been instrumental in introducing our new HXPro Solar piping panel. Brian installed a proto type model in his home 2 years ago and has been monitoring his energy savings since then. Using the ZCP HXPro 2 pump piping panel, a 120 gallon storage tank and one 5' X 7' evacuated tube type solar panel in his Calgary, Alberta home (latitude ~52° North) Brian results have been quite interesting.

The panel uses 2 Grundfos™ 15-58 three speed pumps (60 watts each energy consumption), during February of this year (2009) Brian's average energy savings have been 30,000 BTU (about he and his

wife's daily DHW energy consumption). February is probably the coldest month in Calgary and this has been the minimum amount of energy he has generated per month since he has been monitoring his results.



The pumps run an average of 5 hours per day. Also included in the panel is a Flat Plate™ heat exchanger (available in single or double wall configuration based on local codes), and a digital solar controller.

This simple, reliable solar piping panel is made with stainless steel piping with no solder connection, only

couplings, so the possibility of leaks is virtually eliminated. It is cETLus listed and made to CSA and UL 508 standards. Our pricing is also very competitive.



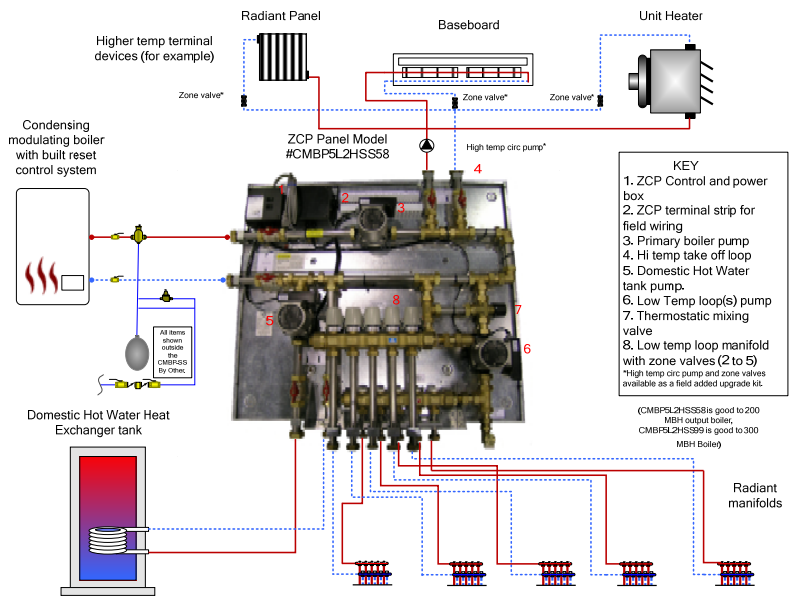
CMBP Panel

We are currently introducing our new CMBP (Condensing Modulating Boiler Panel) panel with Stainless steel piping. This panel is designed to work with today's popular Condensing Modulating boilers which have their own dedicated control, outdoor reset, and DHW makeup systems. The panel is supplied with boiler pump, DHW pump and low temp system pump, with a 1" take off for a high temp loop with an optional field add-on plug in high temp pump model. A typical system designed with a CMBP is shown below:

We supply 2 current models, a lower flow model capable of a system capacity of 200,000 BTU/hr output and a higher flow model capable of 300,000 BTU/hr output. CMBP has either a single outlet low temp loop or a manifold with up to 5 zones. The lower flow model is capable of a total of 50,000 BTU/hr output from the low temp outlet or manifold. The higher flow model is capable of a total of 100,000 BTU/hr output from the low temp outlet or manifold.

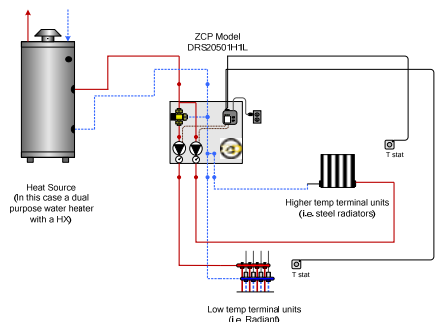
The high temp outlet is designed to control zones of higher temp terminal units, such as baseboard, fan coils, unit heaters, etc. or higher temp radiant loops such as staple ups.

The CMBP is designed to work seamlessly with today's modern condensing boilers – helping them operate to their maximum efficiency with unsurpassed reliability. The manufacturing efficiencies of our unique stainless piping technology have allowed us to price this product at a much more competitive price than was previously possible. All ZCP Panels are cETLus listed and made to CSA and UL 508 standards. All panels come with a single 115/1/60 15 amp 6' pigtail, with a labeled terminal strip with only low voltage wiring required.



2052T Panel

Another in a great number of new products ZCP is proud to introduce is our 2052T 2 pump, 2 pump panel. This extremely flexible, inexpensive panel is made to our high manufacturing standards with 3/4" stainless pipe which virtually eliminates leaks. Here is a typical installation:



Call us today for all your panel needs.