Hi Brent, 2-7-18

Having reviewed the drawings and the information on the "Application Questionnaire" I recommend the SP05 SunPower unit for chilling the cold plunge while adding heat to the Hot Tube "A".  The cost on that unit will be $3350.44

With regards to the possibility of overheating the Hot Tub "A" when chilling the Cold Tub, I see this as quiet unlikely since I see the Cold Tub target temperature of a modest 15 C.  Therefor the SunPower will not be required to run a great deal however I recommend the way to prevent the overheating condition from occurring is with a temperature control set on the source water coming from Hot Tub "A".  A simple temperature controller with a set of contacts to open when the source water temperature exceeds the desired set point (103 or 104) can be used for this.  I would estimate these components, not a product we offer, could be purchased for roughly $200.  I will provide my thoughts and a few recommendations by the close of business on Friday.

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