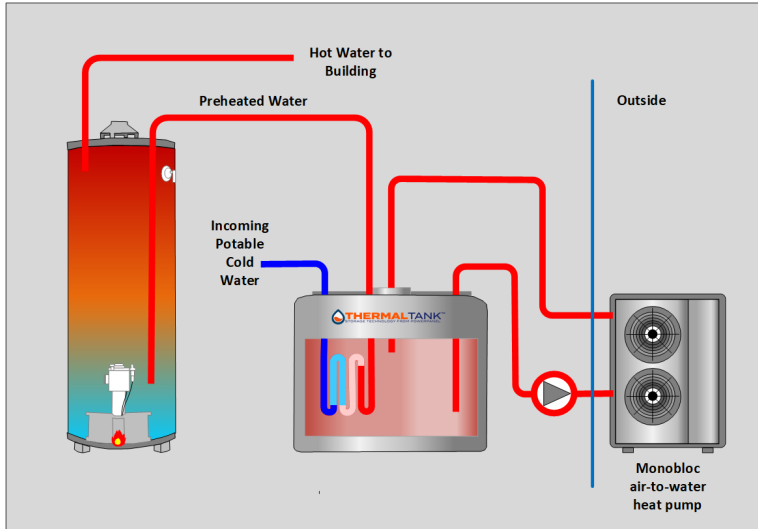


More efficient, more cost effective, easier to install-- built with advanced technology materials that will long outlast conventional ones

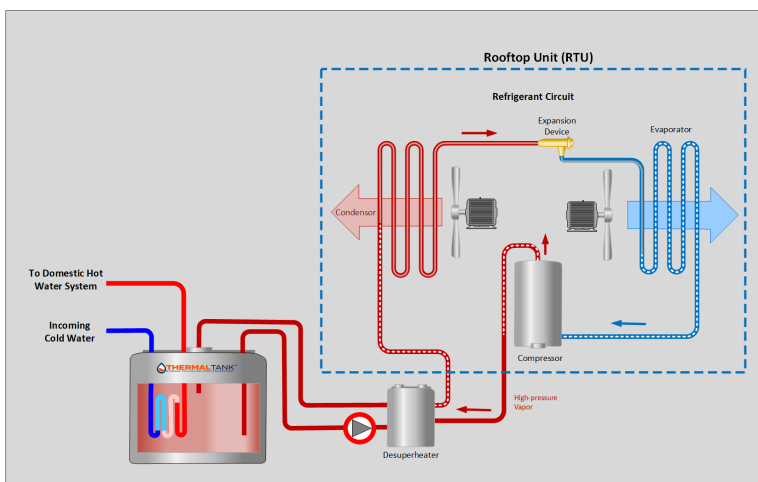
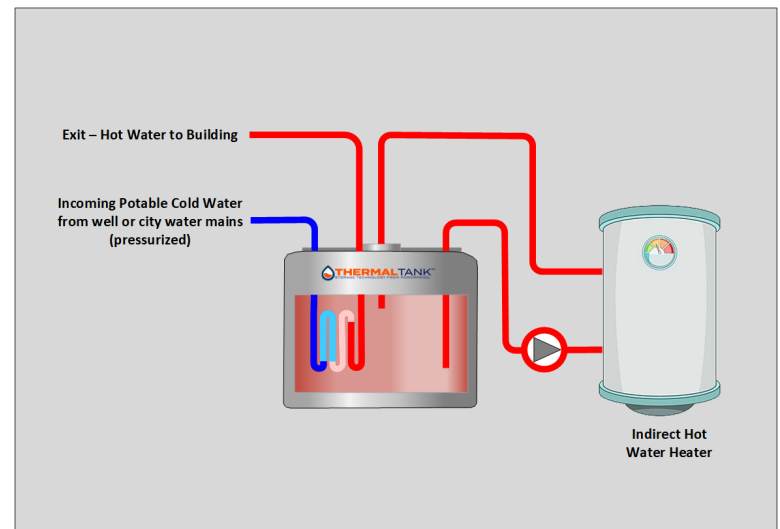


## 1. System with heat pump and direct water heater

- Large storage capacity allows “off peak” heat pump operation when electricity rates are lower, which decreases energy costs
- Higher volume of pre-heated water increases capacity of back up systems by up to 2x, increasing design margins and enabling the downsizing of other system equipment
- Multiple Thermal Tank sizes allow for a wider range of boiler and heat pump equipment for any application

## 2. System with boiler and indirect water heater

- When coupled with larger Thermal Tank capacities, allows the use of lower-cost boilers to meet large peak loads
- Lower maintenance costs—because the operating fluid remains in a static fixed-charge condition, boilers, are not subject to the effects of sediment and scale as they would be in systems using traditional potable fluids



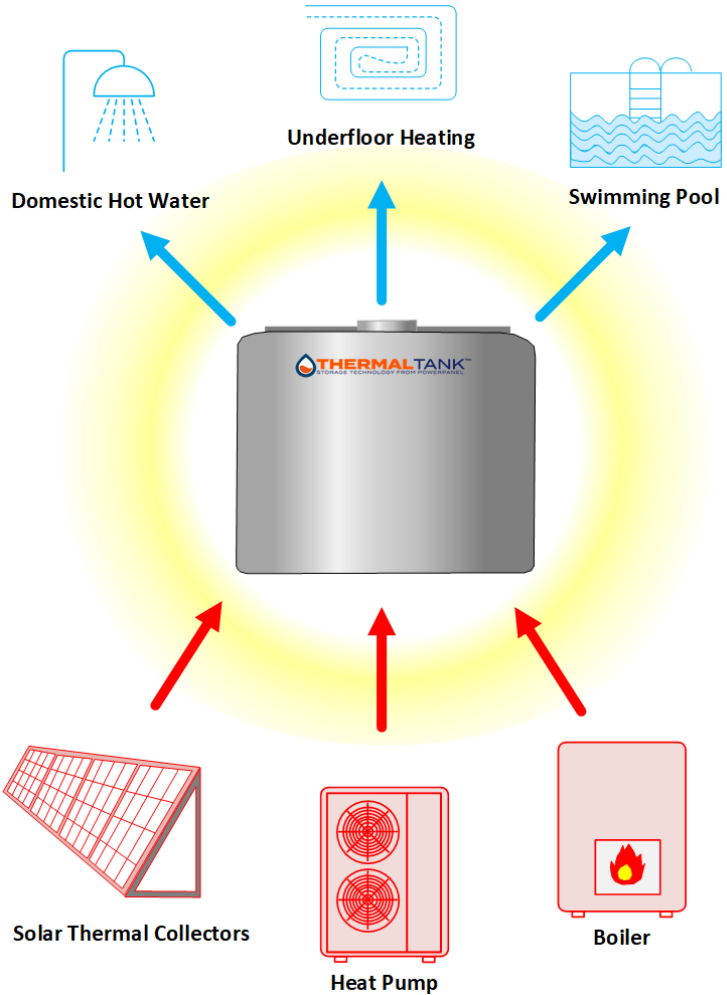
## 3. System with desuperheater and rooftop HVAC

- Creates a large thermal buffer with higher storage capacity
- Enables recovering waste heat from loads which would otherwise be lost and allows storing it until it’s needed
- An example of waste heat recovery in system design and application would be facilities with both large air conditioning and hot water loads

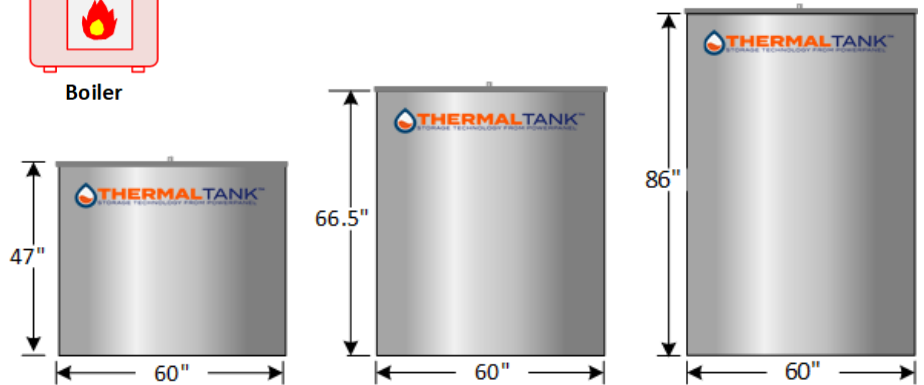
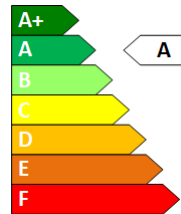
**GENERAL BENEFITS**

- Heat Pump Ready
- Support Heating with Solar
- Heart of the System

ALL IN ONE



PowerPanel products fully qualify for all Federal and other incentives (including the 40% Federal Income Tax Credit) because they are made in the U.S.A– and are ideal for “Green Infrastructure” projects



	350	500	700
Capacity (GAL)	350	500	700
Assembly Number	PPTS0115.03	PPTSS0177.01	PPTS0182.01
Tank Height (Inches)	47	66.5	86
Tank Diameter (inches)	60	60	60
Assembly Weight (lbs.)	130	162	204
Energy Storage (35°C Delta, kWh)	54	77	108
Temperature Loss – 24 hr (free convection)	3.8°F (2.1°C)	3°F (1.6°C)	2.4°F (1.3°C)