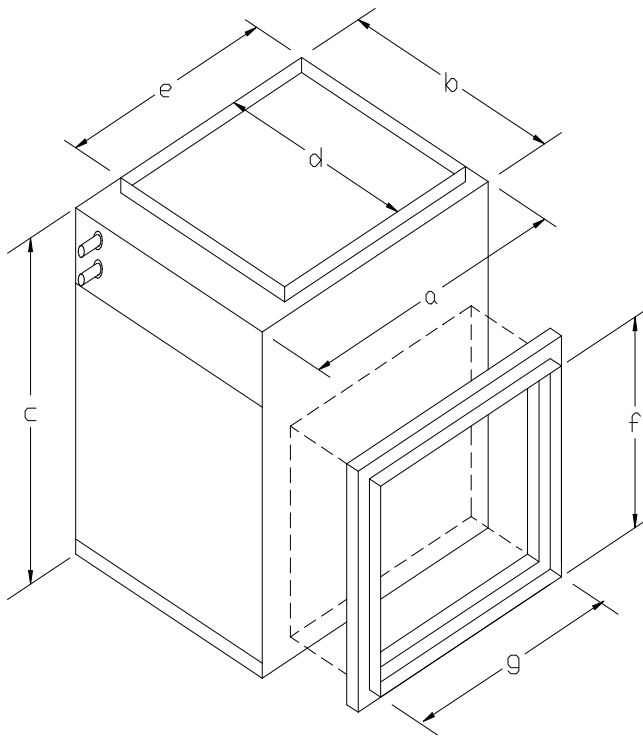


Designed for Comfort: Thermal-pac™ air handlers work with domestic water heaters or boilers to provide space heating for any home.

Features simple reliable relay control

- Three independently selectable fan speeds for each operating mode: heating, cooling and continuous run.
- Compatible with all 24-volt thermostats.



- **Ultimate comfort:** delivers warmer, more comfortable air than typical combo systems, heat pumps and many furnaces.
- **Quiet performance:** engineered and dynamically balanced for quiet operation.
- **Good value:** costs less to install than a furnace, yet provides better comfort.
- **Dependable:** unlike a furnace, the thermal-pac™ has no burner or vent system to fail.
- **A total package:** add air conditioning and air filtration for complete indoor comfort.

Physical Properties

Model Type	Cabinet dimensions			Supply air	Return air	water inlet and outlet	Shipping Weight
	a	b	c	d x e	f x g		
TP30	20"	14"	24"	12"x16"	12"x16"	1/2"	80 lb.
TP63	22"	25"	31.5"	20"x20"	18"x23"	3/4"	100 lb.
TP80	22"	25"	31.5"	20"x20"	18"x23"	3/4"	100 lb.

- **Freeze protection:** optional add on sensor available
- **Daily pump exerciser:** optional cycle timer available as special order
- **Cooling unit controls:** pre-wired for easy installation.
- **Flexible mounting:** unit mounts in any direction -- up, down, horizontal discharge left or right.
- **Return air:** can be mounted on left or right side, bottom, or back of unit.
- **Easy servicing:** Heating coil slides out front; all parts accessible through the front.
- **Add-on cooling:** is easy with a slab coil or A coil.

Unit Specifications: Thermal-pac air handlers

MODEL:	TP30	TP63	TP80
*Heating Capacity (Btu/h) 130F water	28,000	58,000	73,000
*Heating Capacity (Btu/h) 140F water	30,000	63,000	80,000
*Heating Capacity (Btu/h) 160F water	37,000	80,000	103,000
*Heating Capacity (Btu/h) 180F water	48,000	99,000	125,000
(USGPM) Heating	3.0	4.8	4.8
Nominal Airflow (CFM)	800	1200	1800
Cooling Capacity (Tons)	1.5-2.0	2.0-3.0	2.5-5.0
Blower Motor Full Load (Amps)	4.9	4.9	10.2
Circulator Full Load (Amps)	0.8	0.8	0.8

*based on 70F return air, high fan speed at 0.25" W.C. static pressure and 20F water temperature drop through the coil.

Blower Specifications (CFM) with 1" washable filter

Model	External Static Pressure (in. wc)					External Static w/integral slab cooling coil				
	0.2	0.3	0.4	0.5	0.6	0.05	0.1	0.2	0.3	0.4
TP30	-	800	760	720	670	-	-	730	700	660
TP63	1300	1220	1160	1110	1070	1220	1160	1110	1070	1040
TP80	N/R	1900	1850	1780	1700	1900	1860	1820	1760	1700

All airflows at maximum speed.