

Pensotti Radiator Packages include the following items:

- (2) A55400T Reducers
- (1) Manual Air Vent
- (1) Thermostatic valve with flow setter & white cap
- (2) Drain plugs (pre-installed)
- A set of mounting brackets
- (2) 1/2" Pex tubing fittings
- (2) 1/2" Copper pipe fittings
- (2) White Escutcheons
- (2) White Radsnap Pipe Covers

Available Pensotti Radiator Accessories (sold separately):

- V71110Q - Angle Valve w/By-Pass
- V71510Q - Straight Valve w/By-Pass
- A40400A - Thermostatic Operator

MODEL	HEIGHT (in.)	LENGTH (in.)	BASEBOARD EQUIVALENT* (ft.)	BTUH OUTPUT**			WEIGHT (lbs.)
				180° F	140° F	110° F	
HD12-16D	12	16	3.33	1934	1068	519	17
HD12-24D	12	24	5.00	2900	1600	781	24
HD12-32D	12	32	6.67	3866	2133	1041	31
HD12-40D	12	40	8.33	4831	2661	1300	39
HD12-48D	12	48	10.00	5800	3200	1559	46
HD16-16D	16	16	4.17	2418	1331	648	23
HD16-24D	16	24	6.25	3626	1999	972	33
HD16-32D	16	32	8.34	4835	2665	1297	43
HD16-36D	16	36	9.38	5440	2996	1460	48
HD16-40D	16	40	10.42	6044	3330	1621	52
HD16-48D	16	48	12.51	7253	3995	1945	63
HD20-16D	20	16	4.96	2876	1583	771	28
HD20-24D	20	24	7.44	4313	2375	1153	40
HD20-32D	20	32	9.91	5749	3166	1539	53
HD20-36D	20	36	11.15	6469	3562	1733	58
HD20-40D	20	40	12.39	7186	3958	1924	64
HD20-48D	20	48	14.87	8626	4746	2310	76
HD24-16D	24	16	5.71	3310	1819	884	31
HD24-24D	24	24	8.56	4964	2730	1327	48
HD24-32D	24	32	11.41	6619	3641	1767	66
HD24-36D	24	36	12.84	7445	4094	1989	75
HD24-40D	24	40	14.26	8270	4548	2211	81
HD24-48D	24	48	17.11	9926	5459	2651	97
HD36-16D	36	16	7.83	4541	2457	1170	48
HD36-20D	36	20	9.79	5678	3071	1464	56
HD36-24D	36	24	11.75	6814	3685	1757	72
HD36-32D	36	32	15.66	9083	4913	2341	88

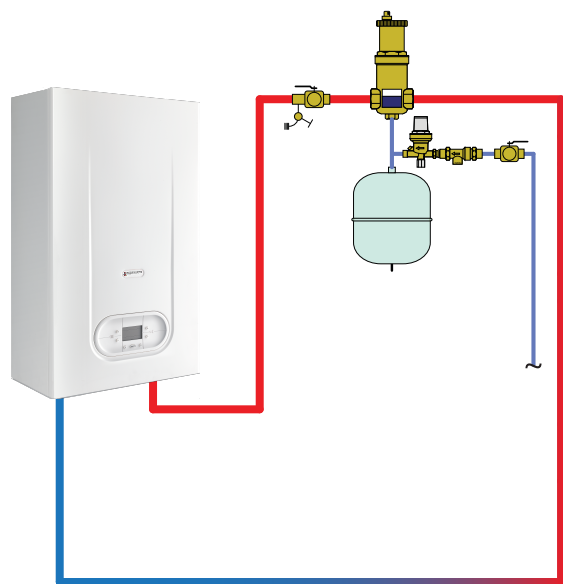
* Baseboard equivalent is calculated using an average water temp of 180°F @ 580 btu per ft. of baseboard. **Outputs are based upon a 24° ΔT with a room temperature of 68°F

Pensotti Panel Radiators combine the comfort of radiant floor heating with the convenience of convective base-board.

The versatile piping options and ease of installation make the Pensotti Panel Radiators a suitable heating element for almost any installation.

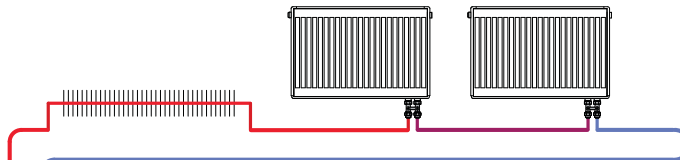
An integral thermostatic valve with flow setter is factory installed in each panel radiator. This combined with a thermostatic operator provides an easy, inexpensive method to sub-zone where each radiator can become a separate heating zone.

NOTE: These piping diagrams are meant to represent the most popular methods for piping panel radiators. Additional piping diagrams can be found in the Pensotti Panel Radiator Installation Manual. For more information consult a qualified heating professional for assistance.



Series Circuit w/By-Pass Valves

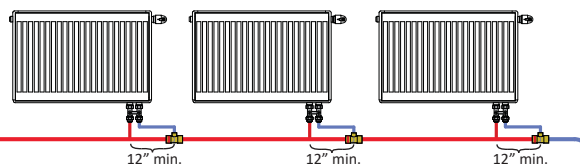
- Maximum 2 GPM and/or 4 radiators
- Thermostatic operators should **NOT** be used



- A55400T 3/4"EK X 1/2" REDUCER
- { V71110Q ANGLE VALVE W/BY-PASS
- { V71510Q STRAIGHT VALVE W/BY-PASS
- { A394-1/2" PEX - 1/2" PEX ADAPTER
- { A431-1/2" COPPER - 1/2" COPPER ADAPTER

Monoflow w/Thermostatic Operators and Valves w/ By-Pass

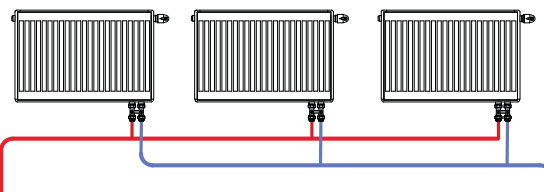
- Min. 12" spacing between supply tee and monoflow tee
- Thermostatic operators offer individual radiator zoning



- A40400A THERMOSTATIC OPERATOR
- A55400T 3/4"EK X 1/2" REDUCER
- { V71110Q ANGLE VALVE W/BY-PASS
- { V71510Q STRAIGHT VALVE W/BY-PASS
- { A394-1/2" PEX - 1/2" PEX ADAPTER
- { A431-1/2" COPPER - 1/2" COPPER ADAPTER

Reverse Return w/Thermostatic Operators and Valves w/ By-Pass

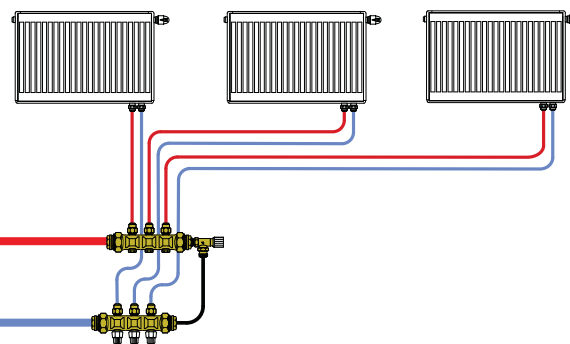
- Isolation valves are optional
- Thermostatic operators offer individual radiator zoning



- A40400A THERMOSTATIC OPERATOR
- A55400T 3/4"EK X 1/2" REDUCER
- { V71110Q ANGLE VALVE W/BY-PASS
- { V71510Q STRAIGHT VALVE W/BY-PASS
- { A394-1/2" PEX - 1/2" PEX ADAPTER
- { A431-1/2" COPPER - 1/2" COPPER ADAPTER

Homerun w/Thermostatic Operators and Manifold By-Pass

- Thermostatic operators offer individual radiator zoning



- A40400A THERMOSTATIC OPERATOR
- A55400T 3/4"EK X 1/2" REDUCER
- { V71110Q ANGLE VALVE W/BY-PASS
- { V71510Q STRAIGHT VALVE W/BY-PASS
- { A394-1/2" PEX - 1/2" PEX ADAPTER
- { A431-1/2" COPPER - 1/2" COPPER ADAPTER