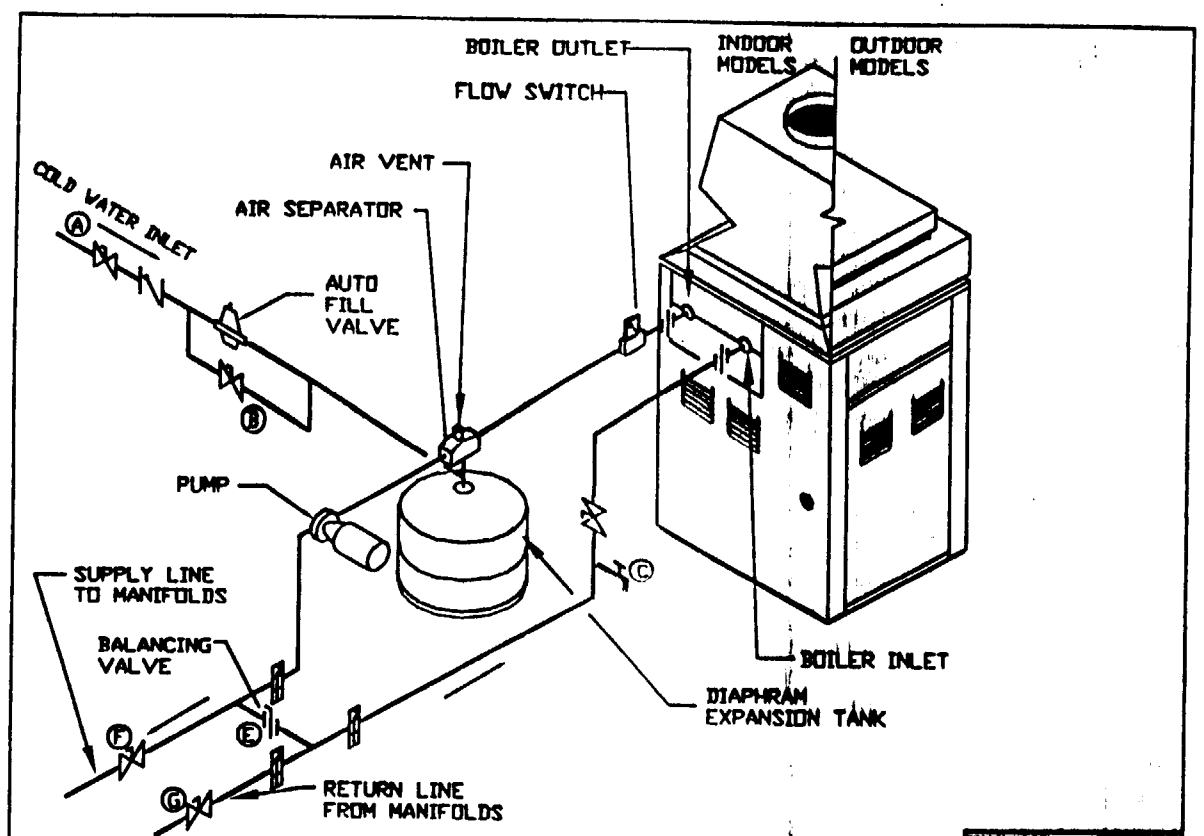
BOILER TH WIRES

(L2) COMM

120 VAC

(L1) HOT



Installing the expansion tank - radiant floor systems water applications:

1. Assemble the expansion fill package as shown in the detail using appropriate flexible pipe sealant.
2. Connect the inlet of the air separator to the outlet of the boiler. (or system heat source)
3. Verify that the arrow on the air separator is pointing in the direction of flow.
4. Connect the outlet of the air seperator to the inlet of the primary system pump.

KEY

- BALL VALVE
- THERMOMETER
- UNION
- DRAIN VALVE
- CIRCUIT SETTER
- CHECK VALVE

Expansion Tank Installation Water Applications

Drawing No:
PEG-404

Thawpak Material List

Heating/Controls Eq. List

QTY	PART NUMBER	DESCRIPTION
1	H3-135	RAYPAK BOILER
1	HTX-15	2.1 GAL. EXPANSION TANK
1	CB-1S	1" BALANCING VALVE
1	VJR125TM	1-1/4" SPIROVENT AIR SEPERATOR
3	TL5A2	THERMOMETERS
1	T201-FP	DIGITAL WALL THERMOSTATS
2	VT2417G13A01A	ERIE 1" ZONE VALVES
1	VL500	ERIE ZONE CONTROL PAENELS
1	TE 150	TEKMAR FLOOR THERMOSTAT
1	111-C	TACO PUMP ON BOILER

NOTES:

1. SEE INSTALLATION INSTRUCTIONS FOR LAYOUT DETAILS
2. SYSTEM BY-PASS VALVE MUST BE INSTALLED
3. ALL PIPING FROM BOILER TO MANIFOLDS, SUPPLIED BY OTHERS
4. DUE TO UNFORESEEN CONDITIONS AT TIME OF INSTALLATION, RUNS MAY VARY FROM GIVEN LENGTH
5. LAY PLASTIC TUBING BEFORE CUTTING FROM ROLL
6. KEEP TUBING 6' MAX FROM SIDES & DRAINS
7. NOT RESPONSIBLE FOR SYSTEM OPERATION IF NOT INSTALLED AS SHOWN ON PRINT
8. KEEP TUBING 6' AWAY FROM ALL TOILETS.
9. ALL CIRCUIT LENGTHS INCLUDE A 6' ALLOWANCE FOR RISERS TO MANIFOLDS AND PLACEMENT TOLERANCE.

LIABILITY

This drawing and our recommendations and suggestions, are intended to assist our customers. Our design represents our best judgment based on our experience and the best facts provided to us, any use thereof is at the sole risk of the customer.

It is assumed that the customer will install the THAW-PAK system in compliance with all local, state and national codes.

Concept Portland

THAW-PAK DISTRIBUTOR
Performance Engineering Group, Inc.

DRAWN BY
Darren Mazurek

APPROVAL
Alan Deal

ISSUED FOR

2/28/01	INSTALLATION

This drawing and the concept thereof has been prepared to assist in the installation of your system. Customer agrees to keep confidential and not disclose this drawing or copies thereof without our written consent.

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Peg04-084R22A

SHEET NO.
M3
OF M3