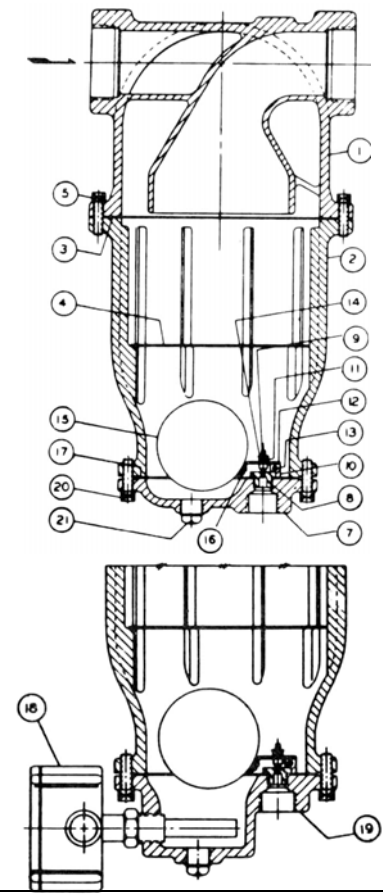
PARTS LIST AND MAINTENANCE INSTRUCTIONS FOR "ST" AND "STH" MODELS

When several parts require replacement, it is suggested that you order a repair kit which includes items #8 - #17 (ST model) and #8 - #18 (STH model)

ITEM#	DESCRIPTION	QTY	¾"	1"	1¼"	1½"	2"	2½"	3"	4"	5"
1	Cover (separator)	1	0.75T1S	1T1S	1.25T1S	1.5T1S	2T1S	2.5T1S	3T1S	4T1F	ST1F
2	Body (separator)	1	0.75ST5	1ST5	1.25ST5	1.5ST5	2ST5	2.5ST5	3ST5	4ST5	5ST5
3	Gasket	1	0.75T3	521497	1.25T3	1.5T3	2ST3	2.5T3	3T3	4T3	5T3
4	Baffle	1	0.75ST6	1ST 6	1.25ST6	1.5ST6	2ST6	2.5ST6	3ST6	4ST6	5ST6
5	Cap Screws (separator)	Set	(6) 2121317031	(8) 2121317031	(8) 2121317031	(10) 2121317031	(10) 2121319831	(14) 2121319831	(16) 2121319831	(16) 2121319831	(18) 2121319831
6	Plug (separator)	1	-	-	1/4NPT	1/4NPT	1/4NPT	1/4NPT	1/4NPT	1/4NPT	1/4NPT
7	Cover Trap	1	9010	9010	9010	9011	9011	9011	9011	9011	9511
8	Valve Seat	1	901								
9	Valve	1	902								
10	Fulcrum Holder	1	903								
11	Spacer	1	904								
12	Lever	1	905								
13	Fulcrum	1	906								
14	Cotter Pin	1	908A								
15	Float	1	907								2525
16	Float Screw	1	-								
17	Gasket (trap)	1	908								953
	Repair Kit (Items 9 – 17)		9008								9508
18	Heating Element	1	50WATT								
19	Cover (STH)	1	9011								
	Heater Kit (Items 17 - 19)		90050								
20	Cap Screws (trap)	set	(6) 2121317031								
21	Plug (trap)	1	ST258Z23								
22	Blow Down Valve	1	9013								

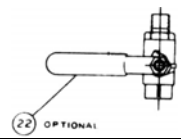


To replace valve and seat

(A new valve or seat will not seat perfectly with an old valve seat, therefore replace both.)

1. Remove cotter pin (#7 ST, #19 STH) from body (#2) and hold cover in vise.
2. Remove fulcrum pin (#13)
3. Remove cotter pin (#14) and spacer (#11)
4. Replace with new valve (#9)
5. Remove valve seat (#8) with a socket wrench and replace. (Assemble in reverse order using a new gasket, #17)

To convert ST model to STH Model (¾" through 1¼")

6. Remove six cap screws (#20) from ST cover (#7) and body (#2).
7. Holding ST cover (#7) in a vise, remove (#8-#16 + #21) as follows:
   a. Remove fulcrum pin (#13)
   b. Lift off the float and valve assembly (#9 - #16)
   c. Using a socket wrench remove valve seat (#8)
   d. Lift out fulcrum holder (#10)
   e. Remove plug (#21)
8. Reassemble in reverse order on STH cover (#19)
9. Replace STH cover on body using new gasket (#17)
10. Install heating element (#18)

Blow-down valve (#22) may be installed in place of plug (#21)