IN-FLOOR RETURN – PVC

INSTRUCTIONS

640-900X

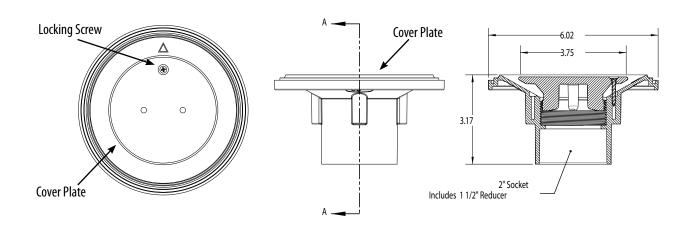
WARNING

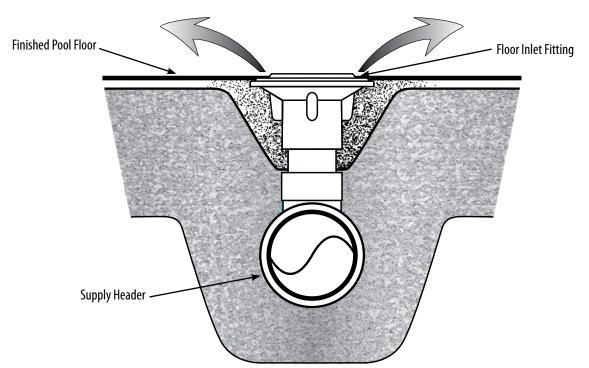


Read and follow all instructions in this owner's manual and on the equipment. Failure to follow instructions can cause severe injury and/or death.



Use of this fitting as a suction outlet is hazardous. Risk of hair entrapment, drowning or disembowelment. Do not use cover on any suction or outlet fitting. Use only as exact replacement cover on a floor inlet fitting.





Please see other side for specifications.

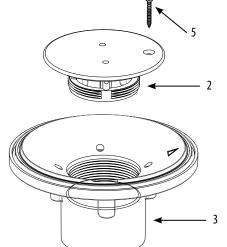
Flow Chart for 2" Floor Inlet 640-900X G.P.M. / P.S.I. at Turns Open

TURNS	LBS. PER SQ. INCH AT INLET																				
OPEN	.5	1	1.5	2	2.5	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5	8	8.5	9	9.5	10	
1/4	5	10	11	13	15	16	17	18	19	20	22	23	25	26	27	28	29	30	31	32	2
1/2	9	15	20	25	29	32	35	38	40	43	45	47	49	51	53	55	57	59	60	62	
3/4	19	27	33	38	43	47	52	55	58	62	64	67	70	72	75	77	80	82	84	86	≥
1	28	38	45	52	58	63	63	72	76	80	84	87	90	93	96	100	_	_	-	-	SPE
1-1/2	46	58		67	76	83	90	96	_	_	_	_	_	_	_	_	_	_	_	_	NO P
2	64	80		92	103	_	_	_	_	_	_	_	-	_	_	_	_	_	_	-	B
2-1/2	74	93		_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	-	

- 1. In calculating head loss for in return piping, design 8 ft. of head pressure (3.47 PSI) at last inlet fitting to provide sufficient pressure throughout return system for proper distribution of heated water and chemicals.*
- 2. All pressure return lines should be sized at 8 ft. per second. If using copper lines, they should not exceed 8 feet as erosion will take place at sharp turns causing serious damage to pool structure and surrounding decking if lines are buried. Check local code requirements.

Gutter

Suggested Line Sizes Return 6" 5" 5" 4" 3" 2" (typ) Main Drain 1½"



	Part #	Description
1	640-9000	Floor Return Fitting Assembly
2	215-4850	Adjustable Floor Return Fitting
3	215-8200	Floor Return Body
4	808-0243	Warning Label for Suction
5	819-0054	Screw #6 X 1" PFH 316 SS
7	421-4070	2" x 1 1/2" Reducer Bushing
8	900-1012WW	Poly Bag w/Logo 10x12

WARRANTY

For product registration visit: www.waterwayplastics.com. For Warranty questions or claims please contact point of purchase.





*See general note 1 above.