Revised 7/04

First Wash

FUNCTIONS

- The first wash acts as a stop bath by stopping the action of the first developer on the film emulsion.
- It protects the reversal bath from first-developer carryover.

SPECIFICATIONS

Parameter	Aim	Tolerance	Acceptable Range
Time	2 minutes	± 15 seconds	1 to 4 minutes
Temperature	100.4°F (38°C)	± 2.0°F (± 1.1°C)	92 to 103°F (33.3 to 39.4°C)
Flow Rate	2 gal/minute (7.6 L/minute)	—	—
Agitation	2-second air burst every 10 seconds ($^5/_8$-inch [17 mm] solution rise)*	—	—

*For rack-and-tank machines.

Water Conservation

If you need to conserve water, you can use this table to calculate wash flow rates for your film load:

FLOW RATES FOR SPECIFIC FILM SIZES

Format	Rate (L/min)*
135-24	0.8
135-36	1.1
120	1.1
220	2.2
4 x 5-inch	0.27
8 x 10-inch	1.08

*Flow rates may vary with wash-tank volume.