

BLU FUSION SALT SYSTEM BROMINE GENERATOR START-UP AND MAINTENANCE INSTRUCTIONS



DAY 1

- ✓ WITH YOU HOT TUB TURNED OFF REMOVE ONE OF YOUR FILTERS AND FILL YOUR HOT TUB BY ATTACHING THE CHARCOAL PRE-FILTER TO YOUR HOSE AND INSERTING IT INTO THE FILTER CHAMBER.
- ✓ ONCE THE HOT TUB IS FILLED, TURN THE TUB ON AND HEAT TO AT LEAST 90°. (THIS WILL LIKELY TAKE 4 – 6 HOURS)
- 1. WITH THE JETS RUNNING ON HIGH, ADD **TRU BLU! SODIUM BROMIDE** AT THE RATE OF APPROXIMATELY **1.2 LBS** PER 100 GALLONS OF WATER.
 - a. USE THE **TRU BLU! TEST STRIPS** TO MEASURE THE NaBr LEVEL.
 - b. THE IDEAL RANGE FOR CLEARWATER SPAS IS 1200 – 1400 PPM; FOR BULLFROG SPAS 1700 – 1900 PPM.
- 2. ADD ENTIRE PACKET OF **TRU START** TO WATER
- 3. USING THE **4-WAY TEST STRIPS**, CHECK THE WATER CHEMISTRY & RECORD MEASUREMENTS. REFER TO “USING 4-WAY TEST STRIP” AND “MAKING ADJUSTMENTS TO WATER CHEMISTRY” FOR HELP WITH THIS STEP.

BROMINE (BR)	2 – 3 PPM	NEVER EXCEED 8 PPM
TOTAL ALKALINITY (TA)	80 – 120 PPM	ADD ALKALINITY INCREASER IF NEEDED
pH	7.2 – 7.6	ADD SPA DOWN OR UP AS NEEDED ^{1,2}
CALCIUM (TOTAL HARDNESS)	150 – 250 PPM	ADD CALCIUM BOOSTER IF NEEDED

- 4. SET THE BLU FUSION UNIT TO A LEVEL 7 ON THE CONTROL FACE. NOTE, YOU WILL NEED TO ADJUST THIS LEVEL TO ACCOMMODATE FOR YOUR SPA
- 5. ADJUST THE FILTRATION (CIRCULATION) TIMES USING THE CHART BELOW:

HOT TUB BRAND	SET EACH CYCLE FOR	TOTAL HOURS PER DAY
BULLFROG SPAS	6 HOURS	12 HOURS
CLEARWATER SPAS	NO CHANGE – USES A 24-HOUR CIRCULATION PUMP	

- 6. **ADD 2 CAPFULS OF RENEW** AND LEAVE YOUR HOT TUB COVER OPEN FOR AT LEAST **45 MINUTES** AFTER ADDING THE RENEW. YOU WILL ALSO NEED TO **WAIT** AT LEAST **45 MINUTES** AFTER ADDING THE RENEW BEFORE USING YOUR HOT TUB.

DAY 2

- 1. CLEAN FILTERS

DAY 3

- 1. CHECK WATER CHEMISTRY USING THE 4-WAY TEST STRIPS.
 - a. MAKE ADJUSTMENTS TO pH / ALK / TH AS NEEDED.
- 2. CHECK YOUR BROMINE LEVEL ON THE 4-WAY TEST STRIPS.
 - a. IF YOUR BROMINE IS TOO HIGH (DARK PURPLE) ADJUST THE BLU FUSION LEVEL DOWN 1 NUMBER
 - b. IF YOUR BROMINE IS TOO LOW (WHITE) ADJUST THE BLU FUSION LEVEL UP 1 NUMBER
 - i. THE HIGHER THE NUMBER YOUR BLU FUSION IS SET ON, THE MORE BROMINE IT WILL PRODUCE
 - ii. THE LOWER THE NUMBER YOUR BLU FUSION IS SET ON, THE LESS BROMINE IT WILL PRODUCE
 - iii. DO NOT FOCUS ON THE NUMBER IT’S SET AT. ONLY THE AMOUNT OF BROMINE IT IS PRODUCING.
- 3. THE BLU FUSION SYSTEM WILL TAKE 24 – 48 HOURS TO MAKE NOTICEABLE ADJUSTMENTS TO YOUR BROMINE LEVELS, SO WAIT AT LEAST 1 DAY AFTER ADJUSTING BEFORE TESTING AGAIN.
 - a. NEVER ALLOW BROMINE TO STAY ABOVE 6 PPM AS IT CAN CAUSE DAMAGE TO YOUR SPA.

WEEKLY

- 1. TEST AND ADJUST WATER CHEMISTRY USING 4-WAY TEST STRIPS
- 2. CLEAN FILTER
- 3. AFTER EVERYTHING ON THE 4-WAY TEST STRIPS IS 100% PERFECT START ADDING HOT TUB SERUM TOTAL MAINTENANCE 1 CAPFUL WEEKLY.
- 4. CHECK AND TREAT FOR PHOSPHATES - REFER TO “TESTING FOR PHOSPHATES” AND “TREATING FOR PHOSPHATES” FOR HELP WITH THIS STEP.
- 5. ADD 2 CAPFULS OF RENEW AND LEAVE THE HOT TUB COVER OPEN FOR 45 MINUTES.

ANNUALLY		EVERY 3 YEARS
DRAIN & REFILL YOUR HOT TUB. (MAY BE REQUIRED MORE FREQUENTLY WITH HEAVIER USE OF YOUR HOT TUB)	BULLFROG ONLY REMOVE, CLEAN & REINSTALL BLU FUSION ELECTRODE. CLEAN BY SOAKING IN A DILUTE VINEGAR SOLUTION OVERNIGHT.	REPLACE YOUR BLU FUSION ELECTRODE AND SACRIFICIAL ZINC ANODE. CALL PREMIERE HOT TUBS FOR DIRECTIONS.

TESTING YOUR HOT TUB WATER



FIRST WEEK (DAILY)

	DAY	1	2	3	4	5	6	7
	DATE							
	IDEAL RANGE							
BROMINE	3 – 5 PPM							
ALKALINITY	80 – 120 PPM							
PH	7.2 – 7.6							
CALCIUM (TH)	150 – 250 PPM							

WEEKLY

	WEEK #	2	3	4	5	6	7	8
	DATE							
	IDEAL RANGE							
BROMINE	3 – 5 PPM							
ALKALINITY	80 – 120 PPM							
PH	7.2 – 7.6							
CALCIUM (TH)	150 – 250 PPM							

WEEKLY

	WEEK #	9	10	11	12	13	YOU HAVE COMPLETED YOUR 1 ST QUARTER. CONTINUE TESTING YOUR WATER WEEKLY.
	DATE						
	IDEAL RANGE						
BROMINE	3 – 5 PPM						
ALKALINITY	80 – 120 PPM						
PH	7.2 – 7.6						
CALCIUM (TH)	150 – 250 PPM						

ANNUALLY

- ✓ DRAIN & REFILL YOUR HOT TUB
- ✓ **BULLFROG ONLY:** REMOVE, CLEAN & REINSTALL BLU FUSION ELECTRODE. CLEAN BY SOAKING IN A DILUTE VINEGAR SOLUTION OVERNIGHT.

EVERY 3 YEARS

REPLACE YOUR BLU FUSION ELECTRODE AND SACRIFICIAL ZINC ANODE. CALL PREMIERE HOT TUBS FOR DIRECTIONS.

IF YOU FIND THAT YOU HAVE ADDITIONAL QUESTIONS OR WOULD LIKE TO LEARN MORE ABOUT WATER CHEMISTRY, GIVE US A CALL TO FIND OUT WHEN OUR NEXT SPA ORIENTATION CLASS WILL BE HELD IN A SHOWROOM NEAR YOU.

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