

# **SYNERGY EXPRESS**

## **MODEL -HI-FLOW FILL**

### **STATION INSTALLATION INSTRUCTIONS**

#### **I. PARTS:**

Fill Station Assembly  
4 pcs. ea. Mounting screws and anchors  
1 pc. Outlet Tubing, 10' long  
1 pc. Tubing clamp  
Metering Tip Kit  
1 pc. ea. Tubing with foot strainer, ceramic weight  
Priming ring  
Worm clamp (For 607-2B only)

#### **II. INSTALLATION: CAUTION: ALL WORK DONE SHOULD ADHERE TO ALL APPLICABLE PLUMBING CODES.**

- 1 Hold assembly to wall, locate positions of mounting screws. Drill holes in wall about 1" deep. Mount assembly to wall using screws and anchors provided.
- 2 Install priming ring in outlet tubing (large diameter), a few inches from one end. Slip tubing over threads of injector, with priming ring close to the injector. Secure with tubing clamp and cut to convenient length.
- 3 Attach water supply hose (not provided) to water inlet and tighten. **Note:** For the ***SYNERGY EXPRESS Hi-Flow Station***, attach water supply tube (not provided) to the water inlet barb and secure with worm clamp.

#### **III. CHEMICAL ADJUSTMENT: CAUTION: Be careful when working with hazardous chemicals.**

- 1 Select metering tip using Table 1 as a guide. Screw tip into inlet barb of injector.
- 2 Cut inlet tube to convenient length, at least 18" long to insure priming but not more than 6' (greater lifts reduce injection capacity).
- 3 Slip ceramic weight over tubing and insert end with foot strainer into chemical. Attach other end to inlet barb of injector. Table 1: Induction readings taken at 50-psi inlet pressure & 9 GPM.

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GREATER METERING TIPS	1 CPS	
COLOR	OZ/GAL	RATIO
Clear	0.21	606.3 – 1
Purple	0.26	496.9 – 1
Yellow	0.44	288.6 – 1
Green	0.83	155.0 – 1
Pink	0.95	134.1 – 1
Turquoise	1.57	81.6 – 1
Black	2.01	63.6 – 1
Gray	2.64	48.4 – 1
Red	3.40	37.7 – 1
Blue	4.11	31.1 – 1
Brown	5.64	22.7 – 1
White	7.19	17.8 – 1
Orange	8.71	14.7 – 1
None	14.88	8.6 – 1

**NOTE:** IN ORDER  
FOR UNIT TO  
OPERATE  
PROPERLY, FLOW  
RATE NEEDS TO BE  
10 GPM OR

*Induction rates may vary from product to product field test are recommended*

*\*field test are recommended.\**

**RETURNS: NO MERCHANDISE MAY BE RETURNED FOR CREDIT  
WITHOUT NUANCE WRITTEN PERMISSION. RETURN MERCHANDISE  
AUTHORIZATION NUMBER REQUIRED IN ADVANCE OF RETURN.**

### **WARRANTY:**

**NUANCE** products are warranted against defective material and workmanship under normal use and service for one year from the date of manufacture. This limited warranty does not apply to any products which have a normal life shorter than one year or failure and damage caused by chemicals, corrosion, improper voltage supply, physical abuse, or misapplication. Rubber and synthetic rubber parts such as “o”- rings, diaphragms, squeeze tubing and gaskets are considered expendable and are not covered under warranty. This warranty is extended only to the original buyer of **NUANCE** products. If products are altered or repaired without prior approval of **NUANCE**, this warranty will be void.

Defective units or parts should be returned to the factory with transportation prepaid. If inspection shows them to be defective, they will be repaired or replaced without charge, F.O.B. factory. **NUANCE** assumes no liability for damages. Return merchandise authorization number, to return units for repair or replacement, must be granted in advance of return.