

**HARVEST TEC MODEL 482  
12 VOLT & 110 VOLT STATIONARY APPLICATOR  
SET-UP AND OPERATION INSTRUCTIONS**

The Harvest Tec Model 482 Applicator is designed to hang on the side of any 55-gallon drum. The components in the applicator are compatible with any live bacterial or enzyme base crop preservative, as well as any organic-based product containing propionic, acetic or formic acid.

**SET-UP INSTRUCTIONS:**

1. Hang the pumping unit, head down, on any 55-gallon drum lip.
2. Drop the intake line into the fine-threaded bung opening of the drum.
3. Disconnect the ¼-turn Quik Fittings on the regulator and screw that assembly into the coarse-threaded bung opening of the drum. Re-connect the Quik Fittings.
4. Locate the spray tip holder in a location to attain the maximum coverage of the crop being treated.

**OPERATING INSTRUCTIONS:**

1. Select the proper spray tip for the application range required from the chart below:

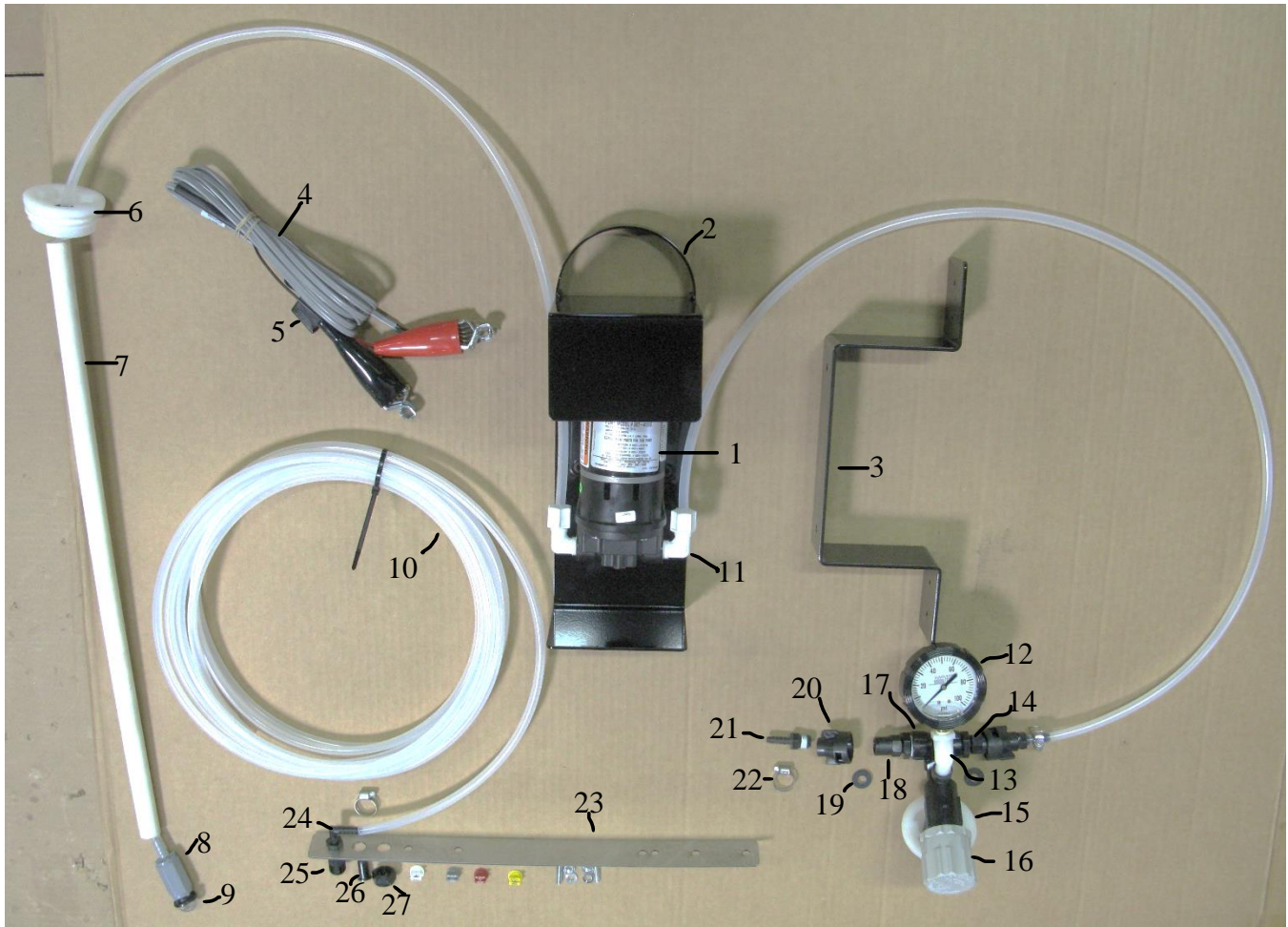
PSI	POUNDS PER HOUR					
	15	20	30	40	50	60
XR8002 (YELLOW)	50	68	82	98	110	120
XR8004 (RED)	116	136	170	196	220	240
XR8006 (GREY)	180	206	255	295	325	364
XR8008 (WHITE)	240	280	335	390	435	482

2. Insert tip in tip holder along with tip check valve
3. Adjust pressure with regulator to obtain desired application rate from the chart above.

**MAINTENANCE:**

1. When using inoculant-based products, clean system daily.
2. Do not use system with petroleum-based products (oil or gas.)
3. Flush and drain system for winter storage. Do not use anti-freeze.
4. Keep intake line strainer in place and clean.

## 482 Pumping Kit Parts Breakdown



Ref	Description	Part No.	Qty	Ref	Description	Part No.	Qty
1	Pump- 12 volt	007-4120S	1	17	Tee 1/2"	003-TT12P	1
NP	Pump- 110 volt	007-4120R	1	18	Quick Connect- Male	004-4710	2
2	Transfer Pump Base	001-4571A	1	19	Washer	004-1207W	2
3	Transfer Pump Reel	001-4571B	1	20	Quick Connect- Female	004-1207H	2
4	Power Lead w/Clamps	006-4722	1	21	Fitting	003-A1414P	2
NP	Weather Box- 110v only	006-4888	1	22	Hose Clamp- Mini	003-9002	3
NP	Switch	006-2197T	1	23	Nozzle Holder	001-4215	1
5	15amp Fuse- 12v only	Hardware	1	24	Fitting	003-EL1414P	1
6	Bung Cap- Coarse	003-4352A	1	25	Nozzle Body	004-4721	1
7	1/2" PVC Pipe	Hardware	2ft	26	Tip Check	004-4468	1
8	Check Valve	002-4564	1	27	Nozzle Cap	004-4723	1
9	Suction Screen	002-4565	1				
10	1/4" EVA Tubing	002-9006	34ft		Tip- White	004-XR8008VS	1
11	3/8MPT x 1/4HB	003-JEL3814	2		Tip- Gray	004-XR8006VS	1
12	Gauge	002-2207Z	1		Tip- Red	004-XR8004VS	1
13	Elbow 45 Street	003-SE4514	1		Tip- Yellow	004-XR8002VS	1
14	Reducer	003-RB1214P	2				
15	Bung Cap- Fine Thread	003-4352B	1				
NP	Fitting (cap mounting)	003-M3412P	1				
16	Regulator	002-4716	1				

## **Harvest Tec, LLC. Warranty and Liability Agreement.**

Harvest Tec, LLC. will repair or replace components that are found to be defective within 12 months from the date of manufacture. Under no circumstances does this warranty cover any components which in the opinion of Harvest Tec, LLC. have been subjected to negligent use, misuse, alteration, accident, or if repairs have been made with parts other than those manufactured and obtainable from Harvest Tec, LLC.

Our obligation under this warranty is limited to repairing or replacing free of charge to the original purchaser any part that in our judgment shows evidence of defective or improper workmanship, provided the part is returned to Harvest Tec, LLC. within 30 days of the failure. Parts must be returned through the selling dealer and distributor, transportation charges prepaid.

This warranty shall not be interpreted to render Harvest Tec, LLC. liable for injury or damages of any kind, direct, consequential, or contingent, to persons or property. Furthermore, this warranty does not extend to loss of crop, losses caused by delays or any expense prospective profits or for any other reason. Harvest Tec, LLC. shall not be liable for any recovery greater in amount than the cost or repair of defects in workmanship.

There are no warranties, either expressed or implied, of merchantability or fitness for particular purpose intended or fitness for any other reason.

This warranty cannot guarantee that existing conditions beyond the control of Harvest Tec, LLC. will not affect our ability to obtain materials or manufacture necessary replacement parts.

Harvest Tec, LLC. reserves the right to make design changes, improve design, or change specifications, at any time without any contingent obligation to purchasers of machines and parts previously sold.

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