



OPERATING INSTRUCTIONS

TKL16 - TKL30

DRUM MOUNTED RECIRCULATING CLEANERS

Build-All LLC
5203 W. Clinton Ave
Milwaukee, WI 53223
414-716-0023
www.Build-All.com
Sales@Build-All.com

SET-UP AND OPERATION

Unpack the TKL and inspect for any visible signs of damage during shipping. If damage has occurred, please contact the distributor where the unit was purchased for proper instructions.

This unit is designed for use with petroleum based solvents with a TCC Flashpoint of 105 degrees Fahrenheit or above.

- STEP 1) Place the drum (#3) of the TKL in the desired location. (If optional caster base was ordered, refer to figure 3 for assembly details)
- STEP 2) Insert baggie liner (#16) into the drum so that it conforms to the inside of the drum. Fold the excess over the top of the drum edge.
- STEP 3) Fill the drum (with baggie liner in place) with appropriate gallons of solvent, see below. *Solvent must have a flashpoint of 100°F or greater and be compatible with the component construction.*
- TKL16 8 - 15 Gallons
TKL30 16 - 28 Gallons
- STEP 4) Slide power cord of pump thru pump pipe. Screw pump (#8) onto pump pipe (#11).
- STEP 5) While the tub (#1) is on the floor, tilt the tub (#1) toward the front of the unit so that the back of the machine is off the floor. Feed the pump (#8) power cord through the coupling located at the center rear of the tub. Screw the pump and pipe assembly into the coupling until the pump inlet screen faces toward the front of the unit.
- STEP 6) Wire the plug (#14) provided to pump power cord; brown wire to brass screw, blue wire to silver screw and green wire to green screw.
- STEP 7) Slide the flex nozzle through the open portion of the collar at the rear of the tub and screw to connector coupling (#9). Screw flex nozzle with connector coupling to volute of pump. **NOTE: OVER TIGHTENING COULD DAMAGE PUMP.** Feed the nozzle end of the flex nozzle through the slot in the center of the back tub wall.
- STEP 8) Carefully position tub of TKL on top of the drum, sliding the tub collar all the way down onto the drum.

- STEP 9) Install the threaded end of the lamp pole (#4) into the coupling located in center of the back sill of the tub. Make sure that the “W” which is welded to the pole is facing the front of the unit. Open the fire cover and engage the fusible link by slipping the hook side of the fusible link (#5) into the “W” on the lamp pole and into the keyhole in the lid. (If the optional deluxe work lamp (fig. 2) was ordered, screw the mounting stud (#25) into the top of the lamp pole (#4). Straighten the flexible arm of the work lamp, slide the black ring up and slip the coupler into the mounting stud and release the black ring. When properly installed the lamp assembly can now be rotated but not removed unless the coupler is disengaged again. Install a maximum 100W incandescent light bulb and snap the shatter guard (#24) into place.
- STEP 10) Install the filter bag (#7) over the bottom of the crumb cup (#6). Insert this assembly through the drain hole in the bottom of the tub.
- STEP 11) Plug the pump power cord into the top receptacle on the back of the electrical assembly (#13). (If the optional work lamp was ordered plug the work lamp power cord into the bottom receptacle which is then operated by the switch on the top of the lamp).
- STEP 12) Plug the electrical assembly power cord into an outlet with 115V/60Hz power source. Switch power to the “on” position. Solvent should be at a steady flow through the flexhose.
The TKL is now ready for use.

*CAUTION: FOLLOW THE CHEMICAL MANUFACTURERS
INSTRUCTIONS FOR PROPER HANDLING OF SOLVENT.*

*CAUTION: THE FUSIBLE LINK SHOULD ALWAYS
BE IN WORKING CONDITION.*

PARTS LIST

Item #	Description	TKL16	TKL30
1	TUB WELDMENT	40142	40145
2	FIRE COVER WITH HINGES	40143	40146
3	BASE DRUM	11592	11608
4	LAMP POLE	40039	40040
5	FUSIBLE LINK	99-12605	99-12605
	5 PK FUSIBLE LINK (99-12605-5)		
6	CRUMB CUP	11584	11584
7	BELL FILTER BAG	11672	11672
8	PUMP 170 GPH	99-12208	99-12208
9	REDUCER COUPLING 3/8" x 1/4"NPT	13944	13944
10	FLEX NOZZLE 3/8"NPT x 42"	12352	12352
11	PUMP PIPE ½ x 18	40098	40098
12	PUMP PLUG	14544	14544
13	ELECTRICAL ASSEMBLY	40028	40028
14	POWER CORD	10848	10848
15	10-16 x 5/8 TEK SCREW	14888	14888
16	BAGGIE LINER - 10 PK	A2626T	A3246T
	BAGGIE LINER - 25 PK	A2626B	A3246B
OPTIONS			
Fig 2	DELUXE WORKLAMP	A3210N	A3210N
23	WORKLAMP - BODY		
24	WORKLAMP - SHATTERGUARD		
25	WORKLAMP - MOUNTING STUD	12872	12872
Fig 3	CASTER BASE	A2624	A3240
26	CASTER BASE WELDMENT		20083
27	CASTER ONLY	10568	10568
Fig 4	SLIP ON FLOW THRU BRUSH	A2638N	A2638N
28	FLOW THRU BRUSH ONLY	10512	10512
29	SLIP-ON HOSE ONLY	12864	12864