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# DADANT HD M00472 3/12-FRAME AC POWER EXTRACTOR

### **Easy to assemble.**

Dimensions: 22" diameter, 44-1/2" high floor to top of control box, 15-1/2" floor to bottom of gate

All stainless steel, aluminum and nylon construction – no paint to chip and peel – no plating to peel with age

Stainless steel tank all welded

Loading capacity – Twelve 6-1/4" or shallower frames radially each load with positive frame placement or Three 9-1/8" or \*Layens frames tangentially with included rack. (\*Layens frames: 14-5/16" top bar, 15-15/16" end bar)

Easy-to-assemble legs – simply attach with supplied bolts to leg brackets already in place on the extractor tank. This allows space for a 5-gallon pail to be placed under the honey gate.

Stainless Steel Construction – Satin finish Type 304 high quality food grade, easy cleaning, 22 gauge stainless steel provides years of service while maintaining excellent appearance with no rust, chipping, or flaking.

120 Volt AC motor.

Laser cut reel with spot welded reel clips for positive placement.

Radial extractors are the quickest, easiest, and most efficient way to extract honey from the comb. Uncapped combs are placed in the circular reel like spokes of a wheel with the frame top bars toward the outside of the reel. The reel spins, creating a centrifugal force. Because of the natural slant of the honeycomb cells, honey is thrown from both sides of the comb at once. No further handling of the frames is needed from starting to unloading time, freeing the operator for other work such as uncapping combs for the next load. With radial extractors, the outward pressure is against the top bar, not against the comb surface as in small, non-radial models, eliminating much of the breakage of the combs.



## ASSEMBLY

### 1. Leg Attachment

- a. Remove legs and bolts from package.
- b. Lay tank on side on a soft surface (such as a towel) to prevent damage to the tank.
- c. Begin with inserting one leg into a bracket at a time and start both bolts in through the leg bracket and leg. Once the bolts are in place, tighten. Continue until all three legs are in place and set tank upright.

### 2. Power Cord

- a. Power cord to be plugged into the side of the control box and into a 110V outlet.



## OPERATION

1. Frames of honey should have the cappings cut off both sides.
2. If extracting 6-1/4" frames or smaller - first remove all 3 racks/baskets and set aside.
3. Place 6-1/4" or smaller frames in reel frame clips. Top bar of frame should rest against outer ring of reel with bottom bar toward the center shaft.
4. After loading is complete, close lid and turn directional and speed control knob to desired settings. Begin slow and increase speed gradually.
5. When completed turn speed control knob to lowest setting and allow basket to come to a complete stop before opening.

**Note:** First year combs may require slower initial turning with gradual increases in speed. If you break combs, slow down and increase speed gradually.

Remember to keep the gate open with honey flowing out of the extractor while you are extracting so that you do not cause undo stress on the frames as the honey would build up in the extractor. You can shut the gate while you are changing pails.

## MAINTENANCE

After use, thoroughly clean the extractor with soap and hot water, rinse completely with hot water, and dry for storage until next use.

## SAFETY DISCLAIMER

For the safety of the operator and any bystanders, please do not lift lid while operating. Do not stick hands or any other objects in basket area while in operation, it may result in an injury.