

INTERNATIONAL DRYING CORPORATION

INSTALLATION GUIDE for Molded Resin Dryer DUAL-MOTOR ASSEMBLY

Nozzles, clamps and setups are packed inside the intake.

Find centerline of wash system.

Set the intake (#1) for top duct 60" from centerline, facing intake toward wall, or if preferred, in another direction away from wash system. Secure by at least one (1) anchor bolt to floor during assembly/ testing (secure fully after adjustments are made).

Place dual-motor assembly w/transition (23-1/2" to 18") and elbow (#2) on top of intake. Secure with setups. STABILIZE CORNER ELBOW BY SECURING EYELET TO CEILING VIA CUSTOMER PROVIDED 300# RATED CHAIN.

Lift straight tube (#3) w/elbow and reducer nozzle. Secure horizontally with setups to 1st elbow. DO NOT POSITION BOTTOM OUTLET FACING STRAIGHT DOWN - ANGLE SLIGHTLY BACK TOWARD WASH SYSTEM (APPROX. 10 DEG.). STABILIZE CORNER ELBOW BY SECURING EYELET TO CEILING VIA CUSTOMER PROVIDED 300# RATED STABILIZER BAR ANCHORED TO CEILING.

Clamp large polymer nozzle (#4) to reducer using worm gear clamp (provided).

Position intake/producer (A) for passenger side column a recommended distance of two feet (2') from the intake/producer for the top duct. Set intake/producer for passenger side column 58-1/2" from centerline, facing intake toward wall, or if preferred, in another direction away from wash system. Secure by at least one (1) anchor to floor while testing (secure fully after adjustments are complete).

Place five (5) nozzle side column (B) on top of intake/producer. Angle outlets approx. 10 deg. back toward wash system. Secure. Attach 2' polymer nozzles using worm gear clamps (provided).

Repeat above step for driver's side column placing intake/producer 19" from outside rail of conveyor.

Complete electrical hookup to enclosure panel with starters. Electrician needs only to tap into exterior junction boxes. Start dryer, and if possible, wash and dry cars making sure nozzle angles and adjustments are per operator's preference. Timers and delays may be set at this time also.

Upon completion of above adjustments, SECURE EACH STAINLESS COMPONENT TO FLOOR WITH AT LEAST SIX (6) 1/2" X 3-1/2" CONCRETE ANCHORS. ALSO SECURE RESIN COMPONENTS, WITH STAINLESS SETUPS PROVIDED, VIA EACH HOLE AS PROVIDED IN MOLDED PART - SIX (6) TOTAL PER FLANGE.

Remove excess paper from stainless & polish with damp cloth or stainless steel cleaner. Wipe resin components with damp cloth and, if necessary, use mild abrasive cleanser to remove rub marks incurred in shipping and handling. Perform routine maintenance checks on all joints & stress points.

NOTE: The impellor located in the motor housing as part of the air producer is NOT DESIGNED TO ROTATE IN EXCESS OF 3600 RPM.