INTERNATIONAL DRYING CORPORATION

INSTALLATION GUIDE for Stainless Steel Dryer w/Dual-Motor Top Duct

Motors: TEFC, 1.3 Service Factor, 3550 RPM. Factory extended leads.

Amp Draw: 27 Amp - 10 HP - 230 Volt
32 Amp - 15 HP – 230 Volt

Amperage will vary with elevation and air density.

Starters: 10 or 15 HP – Nema Size 2

Material: Intake/producer – Polished Stainless Steel, 11 ga., Type 304
Ducts – 16 ga. Polished Stainless Steel, Type 304
Nozzles – Foam

*Recommend two feet (2') between side column base and top duct motor base.

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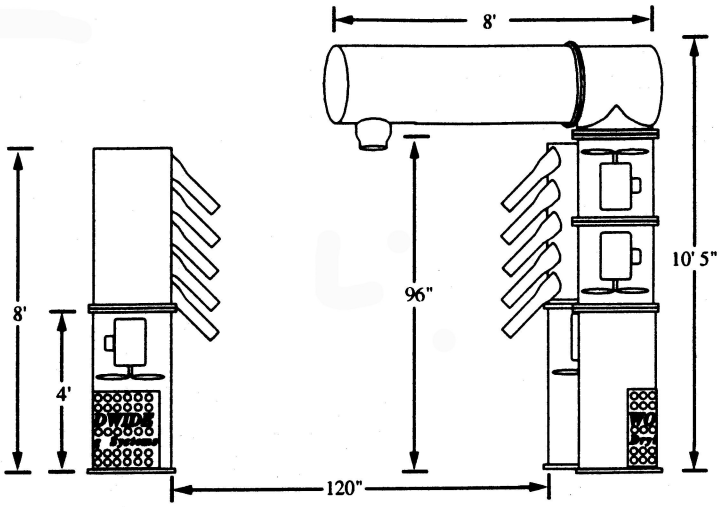


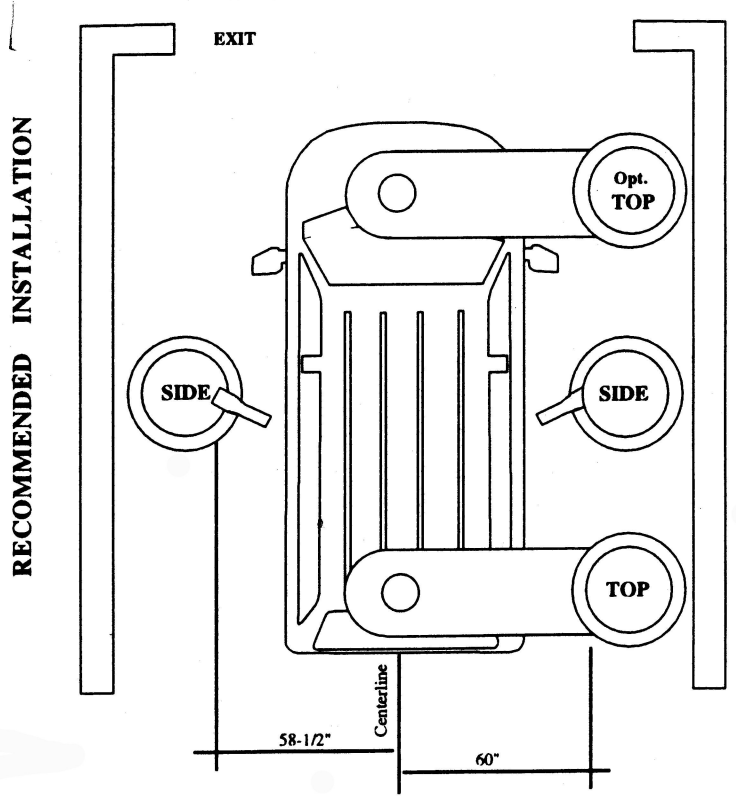
SYSTEM W/DUAL-TOP MOTORS

Motors: TEFC, 1.3 Service Factor, 3550 RPM. Factory extended leads.

Amp Draw: 27 Amp - 10 HP - 230 Volt
32 Amp - 15 HP - 230 Volt
Amperage will vary with elevation and air density.

Starters: 10 or 15 HP - Nema Size 2

Material: Intake/producer - Polished Stainless Steel, 11 ga., Type 304
Ducts - 16 ga. Polished Stainless Steel, Type 304
Nozzles - Molded polymer



*Recommend two feet (2') between side column base and top duct motor base.

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Nozzles, clamps and setups are packed inside the top duct 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 on (1) anchor bolt to floor during assembly/testing (secure fully after adjustments are made).

Place motor assembly (consisting of two (2) 2' motor housings and elbow) **(#2)** on top of intake. Secure with setups.

Lift 6' top duct **(#3)** and secure horizontally with setups to elbow. DO NOT POSITION BOTTOM OUTLET FACING STRAIGHT DOWN – ANGLE BACK SLIGHTLY TOWARD WASH SYSTEM (APPROX. 10 DEG.).

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

Above steps must be repeated if system has two (2) top ducts. Note: 2nd top duct may be placed 2' – 3' from 1st top duct, before placing side columns OR 2nd top duct may be placed after side columns as depicted in layout sketch on page 2 of these instructions. This is determined by operator preference and facility. A MINIMUM OF 2' – 3' IS ALWAYS RECOMMENDED BETWEEN COMPONENTS, FRONT TO BACK FOLLOWNG THE LENGTH OF TUNNEL.

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 conveyer.

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) ½" X 3- ½" CONCRETE ANCHORS. ALSO SECURE EACH COMPONENT TO THE NEXT WITH THE STAINLESS SETUPS PROVIDED VIA THE SIX (6) HOLE PATTERNS WITH ARE EVENLY SPACED AROUND EACH FLANGE.

Remove excess paper from stainless and polish with damp cloth or stainless steel cleaner. Perform routine maintenance checks on all joints, welds & stress points including but not limited to the directional air vanes located in the top duct at the point of exit. Remove any loose or questionable vanes. Repair any other cracked or questionable welds.

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