

# Specification

Palm Tree Dumping Bananas MISC-001

Includes OMNIPOD<sup>®</sup>



## 1.0 GENERAL

**1.1** The specified feature shall be suitable for installation in public swimming facilities as well as Spary Grounds and shall be the Palm Tree Dumping Banans manufactured by Rain Drop Products. It shall operate at a water flow rate of 90 gallons per minute. It shall produce a cyclical overturning of five different bananas of water as they are filled. The supplier shall furnish feature complete with all anchoring and fastening devices, required gaskets and base skirts. Pumps and valves to regulate flow shall be supplied separately. Installation shall be supplied by others.

## 2.0 DESIGN:

**2.1 Construction:** The stem and the branches shall be supplied separately so that either piece can be individually replaced should damage or vandalism occur. All materials shall be inert to pool chemicals.

**2.2 Bananas:** shall be a smooth finish of molded fiberglass with a high gloss urethane finish on the exterior and a white soft glow gel coat finish on the interior. Colors are ultraviolet stabilized to inhibit fading. Buckets shall dump no more than 1.5 gallons of water at any one time.

**2.3 Stem, Mast, and Branches:** shall be rigid reinforced fiberglass with a high gloss urethane white finish, UV stabilized to inhibit fading. Attachment flange for 8 in main stem shall provide eight 3/4 inch bolt holes on a 17 inch bolt pattern to integrate with stainless steel bolt circle unit for mounting at the base, mast and branches shall have flanged Bolted connections between stem and mast and mast and branches.

**2.4 Hangers:** shall be SS cable chain to attach buckets to branches. All bearings, bolts, and fasteners to be 304 SS.

**2.5 Fasteners:** shall be type 304 stainless steel for all (6) anchor bolts. Anchor bolts for mounting to foundation shall be thunder stud expansion type anchor bolts.

**2.6 Base Skirt:** shall be ABS molded plastic made in two piece construction to rigidly attach to stem.

**2.7 Color:** the stem, branches, and skirt of Tumble-Buckets shall only be supplied in white and all buckets supplied in green, blue, red, orange, and yellow.

## 3.0 PACKAGING

**3.1** Shall be packaged to protect against damage in transit.

## 4.0 INSTALLATION

**4.1** Drawings and instructions shall be supplied by manufacturer for ease of installation.

**4.2** Mounting shall allow the feature to be installed in existing or new (cured) concrete with stainless steel anchor wedges. For SprayGrounds or pools an OMNIPOD<sup>®</sup> to mount it at a later date, take down for winterization or for moving to another location is provided.

## 5.0 WARRANTY

**5.1** Shall be furnished by manufacturer providing a guarantee against all defects in workmanship and material for a period of five years from the date of shipment, on all components. Excluding only normal wear and tear and improper operation or installation.