



# Application Guide

## Mobile D-I-P® Blower System

### For Craft Breweries

(Visit [www.sonicairsystems.com](http://www.sonicairsystems.com) for industry specific questionnaire)

1050 Beacon St.  
Brea, California 92821  
Phone: (714) 255-0124  
Fax: (714) 255-8366  
[www.sonicairsystems.com](http://www.sonicairsystems.com)

#### Customer Information:

	Date
Company Name	Contact Name
Address	Contact Title
City	Office Phone Number <span style="float: right;">Ext. <input style="width: 50px;" type="text"/></span>
State / Province	Mobile Phone Number
Zip / Postal Code	Fax Number
Country	Email Address

#### 1. How did you hear about Sonic?

Which Trade Magazine _____	Craft Brewery Show _____	Name of Referral _____
What Search Engine _____	Existing Sonic Customer _____	Other _____

#### 2. List brewery production rates:

Bottling/Canning _____ BPM/CPM	Average Hours per Week for Bottle/Can Filling _____ Hours per Week
Keg Rinsing Rate _____ Kegs per Hour	Volume of Brite Tanks or Uni-Ferment Tanks _____ Gallons
Number of C-I-P Cycles _____ Cycles per Week	Internal Tanks/Piping _____ Gallons
External Tanks _____ Tanks	Brew House _____ Square Feet

#### 3. Please complete the following D-I-P® applications you are considering:

##### A. Drying Cans

Size \_\_\_\_\_ Oz.    Beer Temperature \_\_\_\_\_ °F    Dry Prior to Ink Code     Dry Top and Pull Tabs

##### B. Drying Bottles

Size \_\_\_\_\_ Oz.    Beer Temperature \_\_\_\_\_ °F    Prior to Ink Code     Dry Under Crown and Sides

Prior to Labeling     Pre-Labeled Bottles

##### C. Drying Kegs

After Fill/Rinse     Prefer Sonic Air Knives     Prefer Sonic Hand Held Trigger Nozzle     Speed \_\_\_\_\_ FPM

##### D. Air Rinsing at Depalletizing

Bottles     Gripper Conveyor     Speed \_\_\_\_\_ FPM    Distance from Air Rinse to Closure/Rinse/Air Knife \_\_\_\_\_ Feet

Can     Twist     Speed \_\_\_\_\_ FPM

##### E. Push CO<sub>2</sub> Out of Brite/Uni-Fermentation Tanks

Tank Volume \_\_\_\_\_ Gallons    Diameter of Bottom Outlet Port \_\_\_\_\_ Inches    Diameter of Top Outlet Port \_\_\_\_\_ Inches

Diameter and Length of Outlet Hose from Brew House \_\_\_\_\_ Inches X \_\_\_\_\_ Feet

Maximum Desired Vent Time \_\_\_\_\_ Minutes



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## F. Hand Held D-I-P® for External Air Nozzle Drying in Brew House

Quantity of Tanks \_\_\_\_\_ Tanks      Length of All Piping \_\_\_\_\_ Feet

Size of Brew House Floor Area \_\_\_\_\_ X \_\_\_\_\_ Square Feet      Current Total Time for C-I-P \_\_\_\_\_ Minutes

## G. 160°F Hot Air Drying After C-I-P of Tanks and Internal Piping

Quantity of Tanks \_\_\_\_\_ Tanks      Volume of Tanks \_\_\_\_\_ Gallons

Diameter and Length of Piping \_\_\_\_\_ Inches X \_\_\_\_\_ Feet

Required Drying Time \_\_\_\_\_ Minutes

## H. Air Convey Hops/Flavors to Tanks

Quantity of Tanks To Feed \_\_\_\_\_ Tanks      Height of Tank Inlet From Floor \_\_\_\_\_ Feet

Volume of Product to Convey \_\_\_\_\_ Cubic feet      Total Fill Time \_\_\_\_\_ Minutes

## 4. What is the goal for bottle/can drying?

Visual/Touch       Ink Code Clear       Label Quality       Other \_\_\_\_\_

## 5. What is your current drying method?

Compressed Air Nozzles       Manual Labor (Rags)       Compressed Air Knives

Blower Air Knives       None (New Application)       Other \_\_\_\_\_

## 6. How effective is your current drying method?

Very Effective       Somewhat Effective       Not Effective       Not Applicable (New Application)

## 7. What are the problems and costs associated with the current method?

Quality (High Reject Rates)       Extra Conveyor Runs       High Compressed Air Energy Costs

Decreased Production       Not Enough Compressed Air       Your Cost per kW/Hr for Electricity \_\_\_\_\_ ¢

Brew House's Total Compressor Horsepower Usage \_\_\_\_\_ HP

## 8. What 3 phase electrical power is available?

Volts       50 Hz       60 Hz

## 9. What is the altitude of the brewery?

Altitude       Feet       Meters

## 10. How many lines do you have?

\_\_\_\_\_ Bottling Lines      \_\_\_\_\_ Canning Lines      \_\_\_\_\_ Kegging Lines

Hours of Operations: \_\_\_\_\_ Hours Per Day      \_\_\_\_\_ Days Per Week

## 11. When do you plan to purchase this system?

Purchase Date

## 12. Please provide any additional notes of comments: