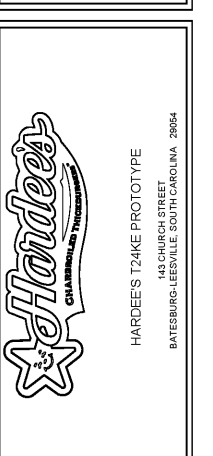


3500 CARROLLWOOD MILL RD. SUITE 100  
 BATESBURG, NC 27601  
 252-554-7252  
 252-554-9259  
 Fax: 252-584-9259  
 A Division of Captive Air Systems



HARDEE'S T24KE PROTOTYPE  
 143 CHURCH STREET  
 BATESBURG/LEESVILLE, SOUTH CAROLINA, 29064

NO.	REVISIONS DESCRIPTION	DATE

HOOD DETAILS  
 DATE: 2-28-17  
 SHEET NUMBER: H8

DuctWork #2 Parts -- Job#2933344 Blodgett Oven

Tag	Part #	CFM	S.P.	Weight	Velocity	QTY	Description
P1	DW1035DWLT-2R-S	900	-0.0201	39.95	1650.12	1	Double Wall Duct - 10" Inner Duct, 35' long - 2 Layers Reduced Clearance - 14" Stainless Steel Outer Shell.
P2	DW1047DWAJD-2R-S	900	-0.0169	67.02	1650.12	1	Double Wall Adjustable Duct - 10" Inner Duct, 47' long - 2 Layers Reduced Clearance - 14" Stainless Steel Outer Shell. Min Length = 18' / Max Length = 49.5' / Adjustment = 31.5' / Adjustable Section May Need To Be Cut.
P3 Assembled w/P4	DW104550DWLTP-2R-S	900	-0.026	52.63	1650.12	1	Double Wall Duct - 10" Inner Duct, 45.5' long - 2 Layers Reduced Clearance - 14" Stainless Steel Outer Shell - Used With Transition Plate.
P4 Assembled w/P3 System at P4	DW1910TPDBEX	900	0	7.50	1650.12	1	Duct to Curb Transition 3/4" Down Turn, 19-1/2' Curb to 10" Duct, 16 GA Aluminized. For Use With Exhaust Fans.
		900	-0.357				
	3M-2000PLUS			0.80		1	Duct - 3M Fire Barrier 2000 Plus Silicone - Used as sealant to Seal Duct Joints.
	DW10DWCLASY-2R-S			6.10		2	Duct - 10" Duct - 14" Double 'V' Clamp - 2R Insulation & Single 'V' Clamp Included - Reduced Clearance.
	DW14DWRISER-2R-S			7.55		1	Double Wall Riser Cover - Used On 10" Inner Riser, 4' long - 2 Layers Reduced Clearance - 14" Stainless Steel Outer Riser Shell Assembly. Includes Insulation & Single V Clamps For Inner & Outer Connections.
Total Weight				187.65			

SINGLE WALL FACTORY BUILT DUCTWORK

- ALL DUCTWORK IS REQUIRED TO BE INSTALLED WITH THE MAXIMUM SUPPORT SPACING LISTED BELOW.
- FOR A COMPLETE LIST OF APPROVED SUPPORT METHODS, SEE THE INSTALLATION AND OPERATION MANUAL.
- DUCTWORK SHALL SLOPE NOT LESS THAN 1/16" PER LINEAR FOOT TOWARDS THE HOOD OR AN APPROVED GREASE COLLECTION RESERVOIR.
- WHERE HORIZONTAL DUCTS EXCEED 75 FEET IN LENGTH, THE SLOPE SHALL NOT BE LESS THAN 3/16" PER LINEAR FOOT.

DUCT DIAMETER	HORIZONTAL WALL SUPPORT (ft)	VERTICAL WALL SUPPORT (ft)	VERTICAL CURB SUPPORT (ft)
8"	10'	10'	24'
10"	10'	10'	24'
12"	10'	10'	24'
14"	10'	10'	24'
16"	10'	10'	24'
18"	10'	10'	24'
20"	10'	10'	24'
22"	10'	10'	24'
24"	10'	10'	24'

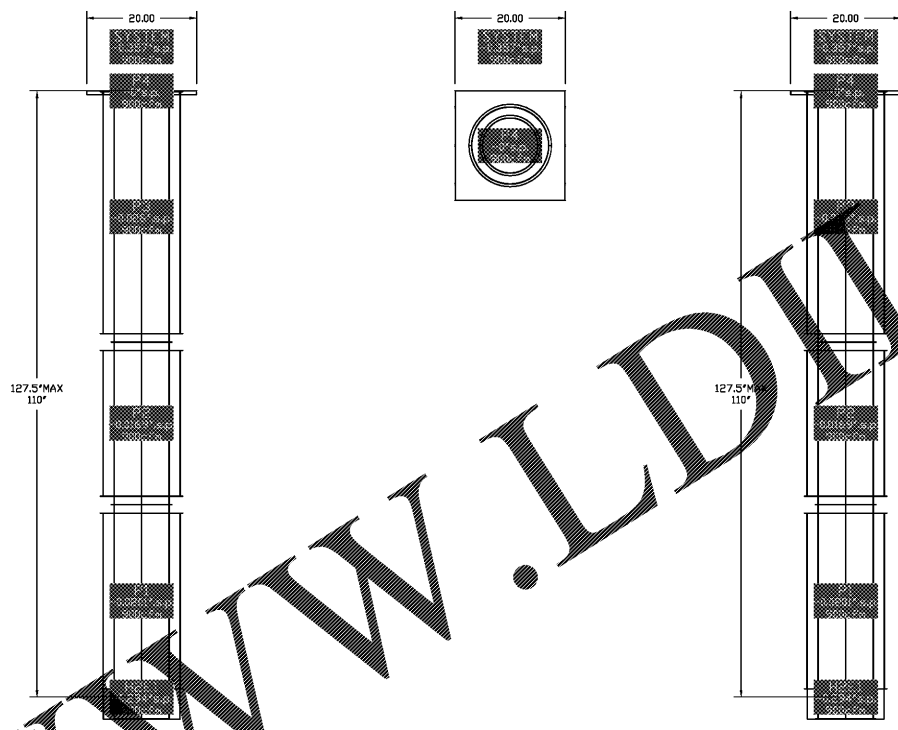
DOUBLE WALL FACTORY BUILT DUCTWORK

- ALL DUCTWORK IS REQUIRED TO BE INSTALLED WITH THE MAXIMUM SUPPORT SPACING LISTED BELOW.
- FOR A COMPLETE LIST OF APPROVED SUPPORT METHODS, SEE THE ENTIRE INSTALLATION AND OPERATION MANUAL.
- DUCTWORK SHALL SLOPE NOT LESS THAN 1/16" PER LINEAR FOOT TOWARDS THE HOOD OR AN APPROVED GREASE COLLECTION RESERVOIR.
- WHERE HORIZONTAL DUCTS EXCEED 75 FEET IN LENGTH, THE SLOPE SHALL NOT BE LESS THAN 3/16" PER LINEAR FOOT.

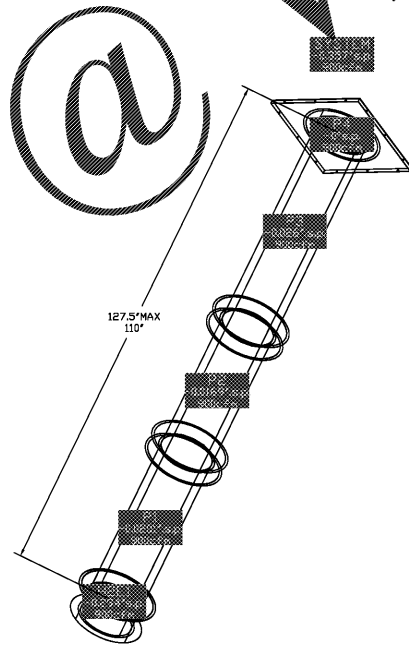
HORIZONTAL	
DUCT DIAMETER	SUPPORT SPACING (ft)
8"	7'
10"	7'
12"	7'
14"	7'
16"	7'
18"	5'
20"	5'
22"	5'
24"	5'

TYPE	VERTICAL		
	WALL SUPPORT (ft)	CURB SUPPORT (ft)	FLOOR SUPPORT (ft)
2R & 2R HT	20'	24'	24'
3R	10'	24'	24'
3Z	10'	24'	24'

DuctWork #2 Front View Blodgett Oven  
 DuctWork #2 Top View Blodgett Oven  
 DuctWork #2 Side View Blodgett Oven



DuctWork #2 SE View Blodgett Oven



THIS DRAWING IS PROVIDED FOR REFERENCE ONLY. HOOD CONTRACTOR SHALL SELECT AND CERTIFY ALL EXHAUST/M.U. AIR FANS. ALL SYSTEMS SHALL MEET ALL APPLICABLE REQUIREMENTS OF STATE AND LOCAL CODES AND OTHER REQUIREMENTS AS SHOWN IN DESIGN DRAWING.

Order Plans

WWW.LDOnline.com

**REVISIONS**  
 DESCRIPTION DATE

**CAPTIVE AIR SYSTEMS**  
 National Accounts  
 417 North St. Logansport, IN 46947 PHONE: (859) 534-4822 FAX: (774) 722-7213 EMAIL: dan@captive.com

HARDEE'S 4F BATESBURG/LEESVILLE SC  
 BATESBURG/LEESVILLE, SC,

DATE: 2/28/2017  
 DWG.#: 2933344  
 DRAWN BY: RDR  
 SCALE: 3/4" = 1'-0"  
 MASTER DRAWING

SHEET NO. 8