

DuctWork #1 Parts - Job#2933344 BROILER

Tag	Part #	CFM	S.P.	Weight	Velocity	QTY	Description
P1	DW0835DWLT-2R-S	660	-0.0324	33.61	1890.76	1	Double Wall Duct - 8" Inner Duct, 35' long - 2 Layers Reduced Clearance - 12" Stainless Steel Outer Shell.
P2	DW0847DWAJD-2R-S	660	-0.0256	55.90	1890.76	1	Double Wall Adjustable Duct - 8" Inner Duct, 47' long - 2 Layers Reduced Clearance - 12" Stainless Steel Outer Shell. Min Length = 18' / Max Length = 50.5' / Adjustment = 32.5' / Adjustable Section May Need To Be Cut.
P3 Assembled w/P4	DW084550DWLTP-2R-S	660	-0.0419	44.22	1890.76	1	Double Wall Duct - 8" Inner Duct, 45.5' long - 2 Layers Reduced Clearance - 12" Stainless Steel Outer Shell - Used With Transition Plate.
P4 Assembled w/P3 System at P4	DW2308TPDBEX	660	0	8.00	1890.76	1	Duct to Curb Transition 3/4" Down Turn, 23" Curb to 8" Duct, 16 GA Aluminized. For Use With Exhaust Fans.
	3M-2000PLUS			0.80		1	Duct - 3M Fire Barrier 2000 Plus Silicone - Used as sealant to Seal Duct Joints.
	DW08DWCLASY-2R-S			5.33		2	Duct - 8" Duct - 12" Double "V" Clamp - 2R Insulation & Single "V" Clamp Included - Reduced Clearance.
	DW12DWRISER-2R-S			6.60		1	Double Wall Riser Cover - Used On 8" Inner Riser, 4' long - 2 Layers Reduced Clearance - 12" Stainless Steel Outer Riser Shell Assembly. Includes Insulation & Single V Clamps For Inner & Outer Connections.
Total Weight				159.79			

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'

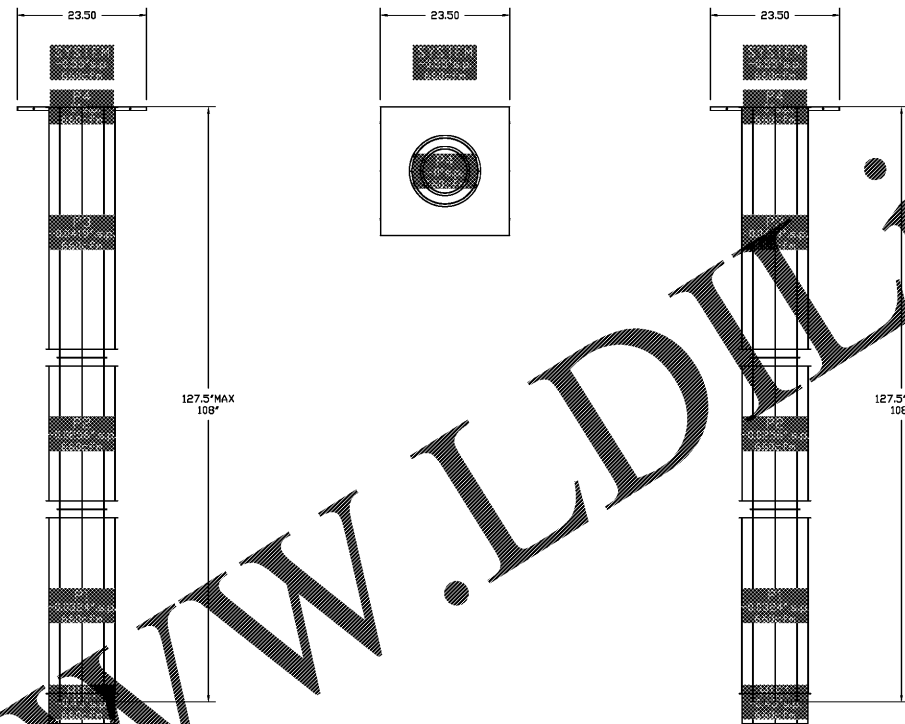
DOUBLE WALL FACTORY BUILT DUCTWORK

- 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.

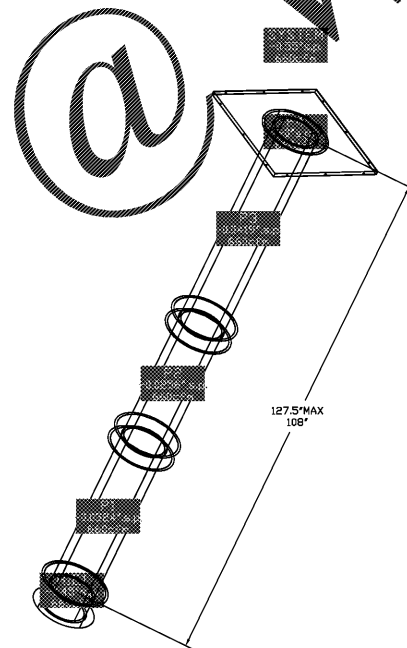
HORIZONTAL	
DUCT DIAMETER	SUPPORT SPACING (Ft)
8"	7'
10"	7'
12"	7'
14"	7'
16"	7'
18"	5'
20"	5'
22"	5'
24"	5'

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

DuctWork #1 Front View DuctWork #1 Top View DuctWork #1 Side View
BROILER BROILER BROILER



DuctWork #1 SE View
BROILER



REVISIONS	
NO.	DESCRIPTION

CAPTIVE
National Accounts
417 North St. Logansport, IN 46947 PHONE: (855) 534-4822 FAX: (714) 722-7213 EMAIL: dan@captiveline.com

HARDEES 4F BATESBURG/LEESVILLE SC
BATESBURG/LEESVILLE, SC,

DATE: 2/28/2017

DWG.#:
2933344

DRAWN BY: RDR

SCALE:
3/4" = 1'-0"

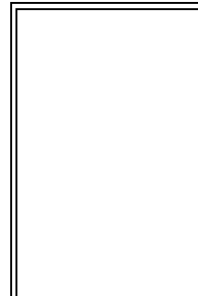
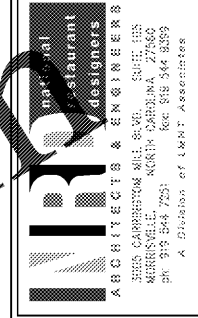
MASTER DRAWING

SHEET NO.
7

Order Plans

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 DRAWINGS.

NRD Project # 16399



HARDEES T24KE PROTOTYPE
143 CHURCH STREET
BATESBURG/LEESVILLE SOUTH CAROLINA 29664

NO.	REVISIONS DESCRIPTION	DATE

HOOD DETAILS	
DRAWN BY	CHECKED BY

CKE SITE ID:

DATE:
2-28-17

SHEET NUMBER:
H7