

DuctWork #3 Parts - Job#293344 GRIDDLE

Tag	Part #	CFM	S.P.	Weight	Velocity	QTY	Description
P1	DW0847DVAJD-2R-S	650	-0.023	55.90	1862.11	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.
P2	DW0890DWASY-2R-S	650	-0.1118	25.15	1862.11	1	Double Wall Duct - 8' Inner 90 Duct - 2 Layers Reduced Clearance - 12' Stainless Steel Outer Shell.
P3	DW0801DWOFFSETASY-2R-S	650	-0.007	9.06	1862.11	1	Double Wall Duct - 8' Inner Duct Riser & 1 Degree Offset - 2 Layers Reduced Clearance - 12' Stainless Steel Outer Shell.
P4 Assembled w/P5	DW08DWTEASY-2R-S	650	-0.018	21.00	1862.11	1	Double Wall Duct - 8' Inner Tee Duct - 2 Layers Reduced Clearance - 12' Stainless Steel Outer Shell.
P5 Assembled w/P4	DW08DWACCDORCDV-2R-S			7.00		1	Double Wall Duct - 8' Inner Access Door & 12' Access Door Cover With Clamps - 2 Layers Reduced Clearance - 12' Stainless Steel Outer Shell.
P6	DW0847DWLT-2R-S	650	-0.0425	42.14	1862.11	1	Double Wall Duct - 8' Inner Duct, 47' long - 2 Layers Reduced Clearance - 12' Stainless Steel Outer Shell.
P7	DW0826DWLT-2R-S	650	-0.0235	20.33	1862.11	1	Double Wall Duct - 8' Inner Duct, 26' long - 2 Layers Reduced Clearance - 12' Stainless Steel Outer Shell.
P8	DW0827DVAJD-2R-S	650	-0.022	34.19	1862.11	1	Double Wall Adjustable Duct - 8' Inner Duct, 27' long - 2 Layers Reduced Clearance - 12' Stainless Steel Outer Shell. Min Length = 18' / Max Length = 26.5' / Adjustment = 8.5' / Adjustable Section May Need To Be Cut.
P9	DW1216SAD			2.97		1	Duct - Horizontal Saddle Support, Used With 12" DD - Includes Uni-Strut Cut To Length, 12 Grade 5 Hex Nuts, 8 Grade 8 Washers.
P10	DW1216SAD			2.97		1	Duct - Horizontal Saddle Support, Used With 12" DD - Includes Uni-Strut Cut To Length, 12 Grade 5 Hex Nuts, 8 Grade 8 Washers.
P11 Assembled w/P12	DW08DWTEASY-2R-S	650	-0.086	21.00	1862.11	1	Double Wall Duct - 8' Inner Tee Duct - 2 Layers Reduced Clearance - 12' Stainless Steel Outer Shell.
P12 Assembled w/P11	DW08DWACCDORCDV-2R-S			7.00		1	Double Wall Duct - 8' Inner Access Door & 12' Access Door Cover With Clamps - 2 Layers Reduced Clearance - 12' Stainless Steel Outer Shell.
P13	DW0801DWOFFSETASY-2R-S	650	-0.007	9.06	1862.11	1	Double Wall Duct - 8' Inner Duct Riser & 1 Degree Offset - 2 Layers Reduced Clearance - 12' Stainless Steel Outer Shell.
P14	DW0827DVAJD-2R-S	650	-0.022	34.19	1862.11	1	Double Wall Adjustable Duct - 8' Inner Duct, 27' long - 2 Layers Reduced Clearance - 12' Stainless Steel Outer Shell. Min Length = 18' / Max Length = 26.5' / Adjustment = 8.5' / Adjustable Section May Need To Be Cut.
P15 Assembled w/P16	DW084550DWLTP-2R-S	650	-0.0409	44.22	1862.11	1	Double Wall Duct - 8' Inner Duct, 45.5' long - 2 Layers Reduced Clearance - 12' Stainless Steel Outer Shell - Used With Transition Plate.
P16 Assembled w/P15	DW2308TPDBEX	650	0	8.00	1862.11	1	Duct to Curb Transition 3/4" Down Turn, 23' Curb to 8' Duct, 16 GA Aluminized. For Use With Exhaust Fans.
System at P16		650	-0.7368				
	3M-2000PLUS			0.80		2	Duct - 3M Fire Barrier 2000 Plus Silicone - Used as sealant to Seal Duct Joints.
	DW08DWCLASY-2R-S			5.33		10	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				405.68			

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'

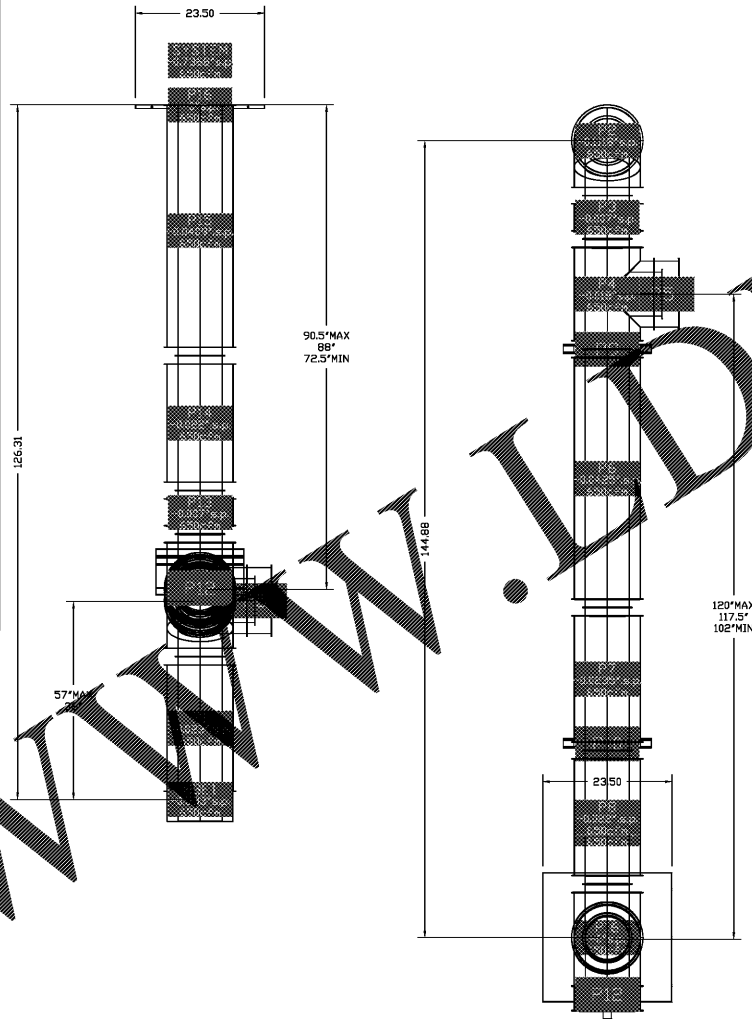
DOUBLE WALL FACTORY BUILT DUCTWORK

- 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		VERTICAL			
DUCT DIAMETER	SUPPORT SPACING (ft)	TYPE	WALL SUPPORT (ft)	CURB SUPPORT (ft)	FLOOR SUPPORT (ft)
8"	7'	2R HT	20'	24'	24'
10"	7'	2R HT	20'	24'	24'
12"	7'	2R HT	20'	24'	24'
14"	7'	2R HT	20'	24'	24'
16"	7'	2R HT	20'	24'	24'
18"	5'	2R HT	20'	24'	24'
20"	5'	2R HT	20'	24'	24'
22"	5'	2R HT	20'	24'	24'
24"	5'	2R HT	20'	24'	24'

DuctWork #3 Front View GRIDDLE

DuctWork #3 Top View GRIDDLE



REVISIONS	
DESCRIPTION	DATE



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. 9

**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

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NO.	REVISIONS DESCRIPTION	DATE

CHECKED BY #1	CHECKED BY #2	APPROVED BY

CKE SITE ID:  
DATE: 2-28-17

SHEET NUMBER:  
**H9**