

DuctWork #4 Parts - Job#293344 FRYER

Tag	Part #	CFM	S.P.	Weight	Velocity	QTY	Description
P1	DW1045DWASY-2R-S	838	-0.0385	17.48	1536.44	1	Double Wall Duct - 10' Inner 45 Duct - 2 Layers Reduced Clearance - 14' Stainless Steel Outer Shell.
P2	DW1035DWLT-2R-S	838	-0.0173	39.95	1536.44	1	Double Wall Duct - 10' Inner Duct, 35' long - 2 Layers Reduced Clearance - 14' Stainless Steel Outer Shell.
P3	DW1047DWAJD-2R-S	838	-0.0187	67.02	1536.44	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.
P4	DW1418SAD			3.48		1	Duct - Horizontal Saddle Support, Used With 14" OD - Includes Uni-Strut Cut To Length, 12 Grade 5 Hex Nuts, 8 Grade 8 Washers.
P5 Assembled w/P6	DW10DWTEASY-2R-S	838	-0.011	34.25	1536.44	1	Double Wall Duct - 10' Inner Tee Duct - 2 Layers Reduced Clearance - 14' Stainless Steel Outer Shell.
P6 Assembled w/P5	DW10DWACCDQRCQV-2R-S			13.00		1	Double Wall Duct - 10' Inner Access Door & 14' Access Door Cover With Clamps - 2 Layers Reduced Clearance - 14' Stainless Steel Outer Shell.
P7	DW1027DWAJD-2R-S	838	-0.01	40.81	1536.44	1	Double Wall Adjustable Duct - 10' Inner Duct, 27' long - 2 Layers Reduced Clearance - 14' Stainless Steel Outer Shell. Min Length = 18' / Max Length = 25.5' / Adjustment = 7.5' / Adjustable Section May Need To Be Cut.
P8	DW1418SAD			3.48		1	Duct - Horizontal Saddle Support, Used With 14" OD - Includes Uni-Strut Cut To Length, 12 Grade 5 Hex Nuts, 8 Grade 8 Washers.
P9	DW1045DWASY-2R-S	838	-0.022	17.48	1536.44	1	Double Wall Duct - 10' Inner 45 Duct - 2 Layers Reduced Clearance - 14' Stainless Steel Outer Shell.
P10 Assembled w/P11	DW1027DWAJDTP-2R-S	838	-0.01	40.97	1536.44	1	Double Wall Adjustable Duct Transition Plate - 10' Inner Duct, 27' long - 2 Layers Reduced Clearance - 14' Stainless Steel Outer Shell. Min Length = 18' / Max Length = 25.5' / Adjustment = 7.5' / Adjustable Section May Need To Be Cut.
P11 Assembled w/P10 System at P11	DW2310TPDBEX	838	0	8.00	1536.44	1	Duct to Curb Transition 3/4" Down Turn, 23" Curb to 10" Duct, 16 GA Aluminized. For Use With Exhaust Fans.
	3M-2000PLUS			0.80		2	Duct - 3M Fire Barrier 2000 Plus Silicone - Used as sealant to Seal Duct Joints.
	DW10DWCLASY-2R-S			6.10		6	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				331.67			

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

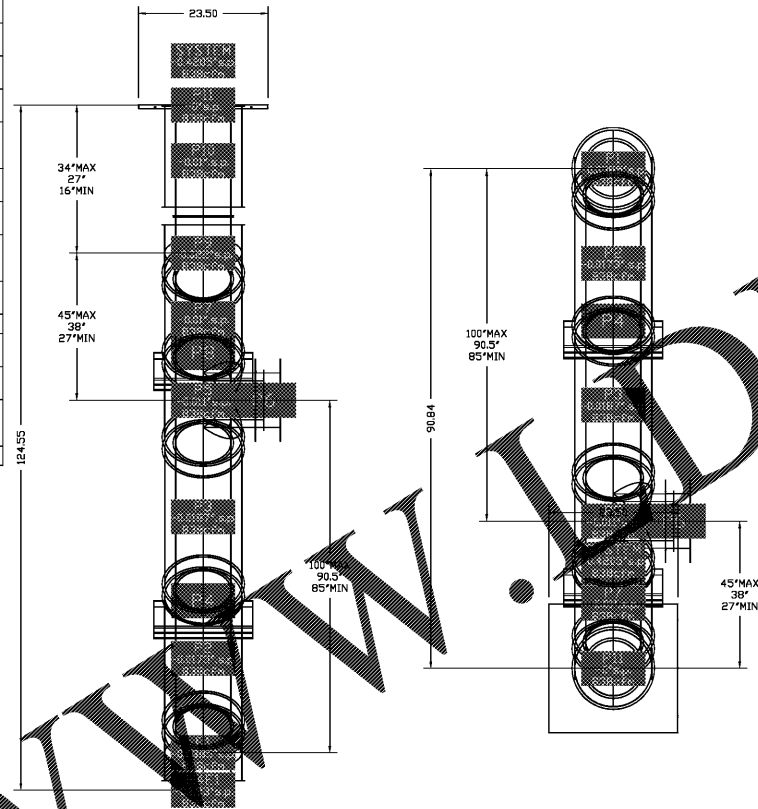
- ALL DUCTWORK IS REQUIRED TO BE INSTALLED WITH THE MAXIMUM SUPPORT SPACING LISTED BELOW.
- FOR A COMPLETE LIST OF APPROVED SUPPORT METHODS, SEE THE ENTIRE INSTALLATION AND OPERATION MANUAL.
- DUCTWORK SHALL SLOPE NOT LESS THAN 1/16" PER LINEAR FOOT TOWARDS THE HOOD OR AN APPROVED GREASE COLLECTION RESERVOIR.
- 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)	SUPPORT (ft)
2R & 2R HT	20'	24'	24'
3R	10'	24'	24'
3Z	10'	24'	24'

DuctWork #4 Front View FRYER

DuctWork #4 Top View FRYER



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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. 11

NRD Project # 16399

Hardee's
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HOOD DETAILS
DATE: 2-28-17

SHEET NUMBER: H11

Order Plans @ WWW.CAPTIVEAIR.COM

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