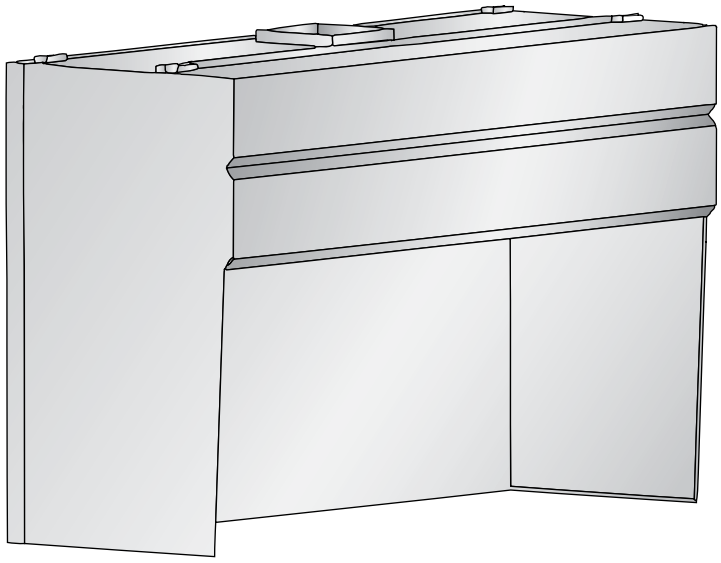
Duo-Aire®

DBSW
Exhaust Only Wall Ventilator

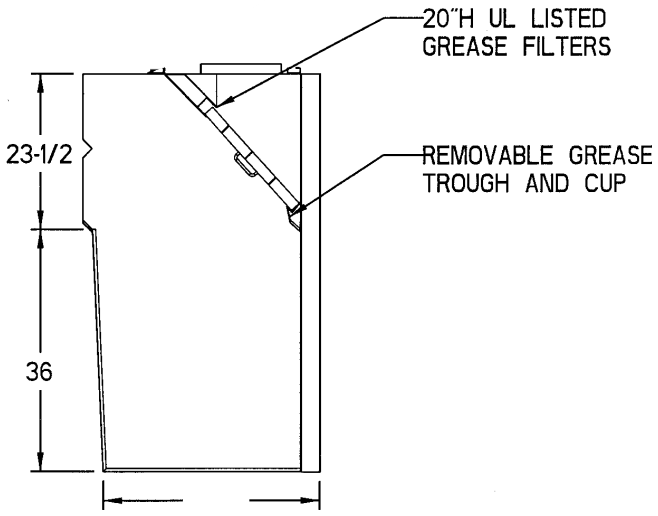


Model DBSW

A single shell, non-compensating, exhaust only wall hung ventilator constructed of stainless steel where visible and aluminized steel in concealed locations. All external seams shall be fluid welded and all internal seams shall be sealed with a high temp. silicone caulk. Ventilator shall be Listed to meet NSF and UL 710 standards and constructed to meet NFPA-96. Grease trough to be easily removable and slope to removable grease cup.

STANDARD FEATURES
- UL Listed Aluminum Grease Filters
- 3" Rear Air Space
- Exhaust Collar Loose or Installed
- Stainless Steel side and Back Panels
- Removable Grease Trough & Cup
- Hanging Brackets

OPTIONS
- All Stainless Steel Construction
- UL Listed Stainless Steel Grease Filters
- UL Listed Insulated Back and Ends for Zero Clearance to Combustible
- Pre-Plumbed Fire Suppression
- UL Listed Globe Lights
- Light Switch
- Fan Switch

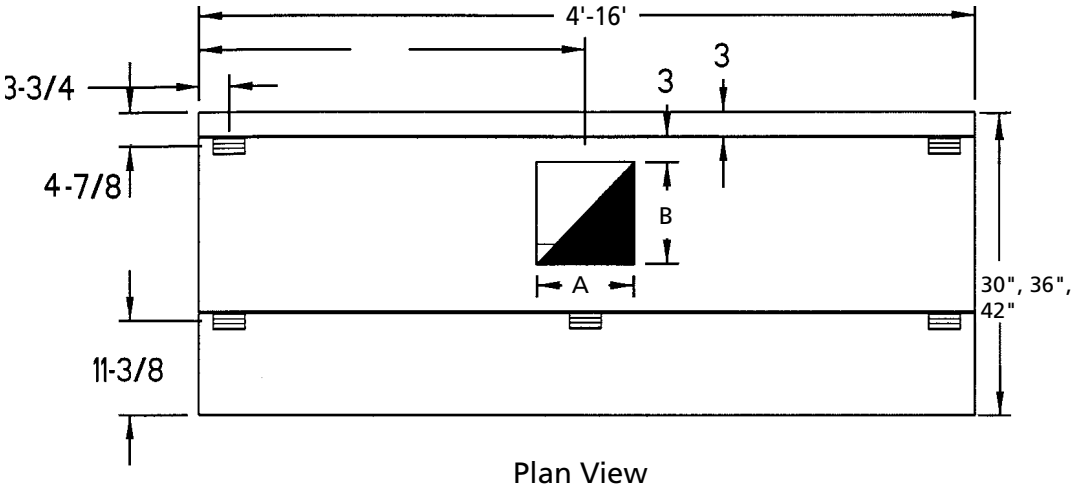


Section
(See reverse side for larger drawing)

Note: Two exhaust ducts required after 12' long.
Note: No front or side overhang required per U.L.

BUILT IN ACCORDANCE WITH NFPA 96

DBSW Series - Exhaust Only Wall Ventilator

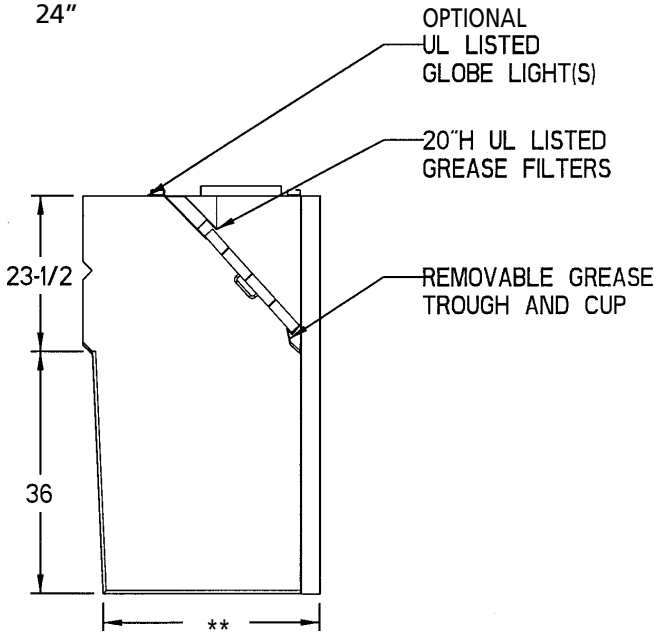


Plan View

Note: Two exhaust ducts required after 12' long.

** DIRECTLY PROPORTIONAL WITH TOP DIMENSION:

TOP	42"	36"	30"
BOTTOM	36"	30"	24"



Section

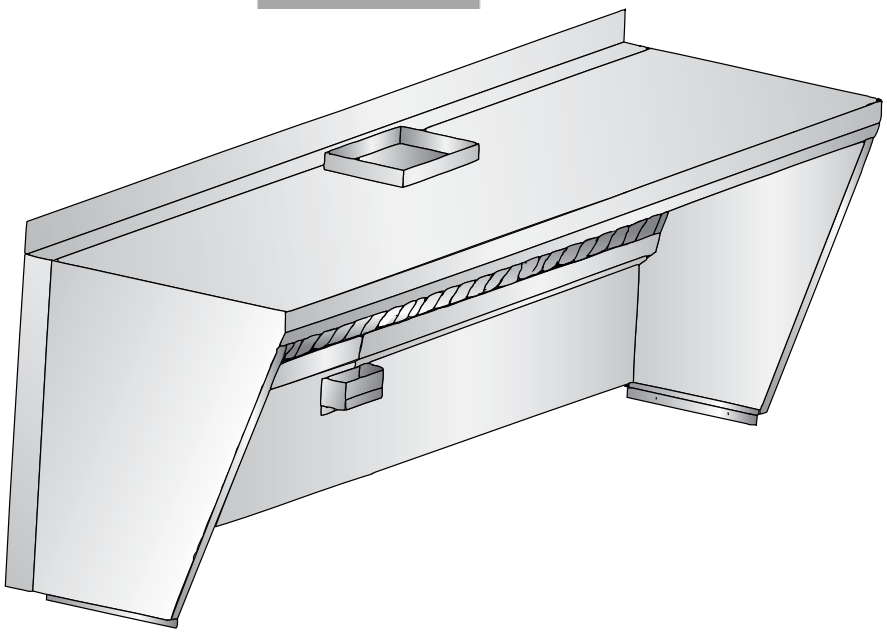
EXHAUST RATE REQUIREMENTS

(Recommended Min. Exhaust Flow Rate)	TEMPERATURE OF EQUIPMENT		
	400˚	600˚	700˚
CFM Exhaust / Ft.	200	225	-

ORDER ENTRY INFORMATION
Project:
Item:
Representative:
Model:
Length: Qty:
Width: Height:
Exhaust CFM:
Entered by:
Date:
Drawings Req'd: Y N
List Miscellaneous Options Separately
Duo-Aire®

Duo-Aire®

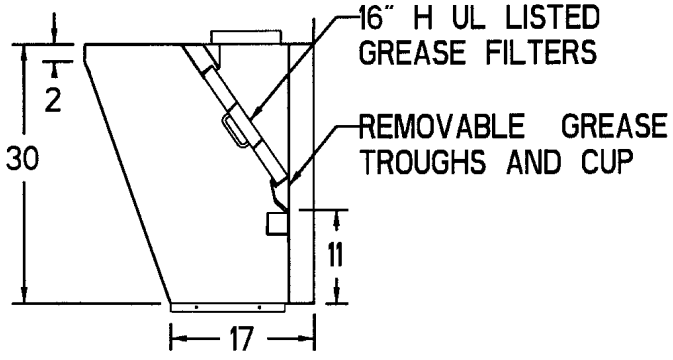
DBSL
Exhaust Only Low Side Wall Ventilator



Model DBSL (base mount shown)
A single shell non-compensating exhaust only back shelf ventilator constructed of stainless steel where visible and aluminized steel where concealed. All external seams shall be fluid welded and all internal seams shall be sealed with a high temp. silicone caulk. Ventilator shall be Listed to meet NSF and UL 710 standards and constructed to meet NFPA-96. Grease trough to be easily removable and slope to removable grease cup.

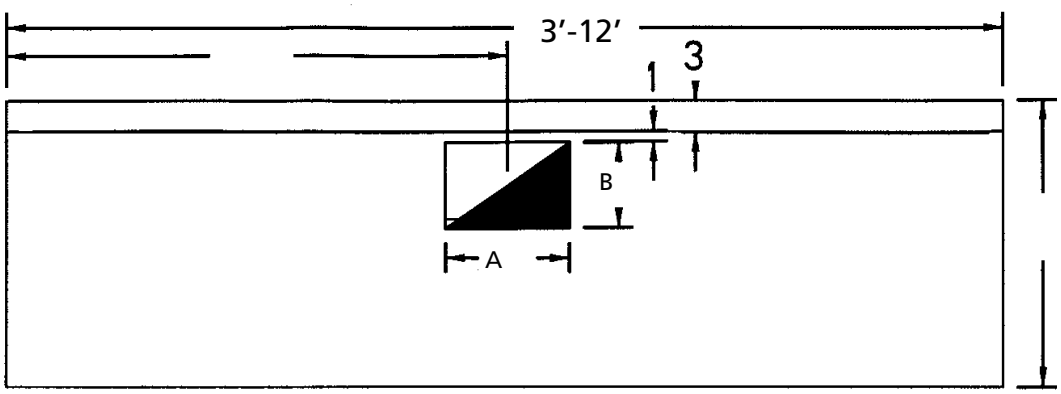
STANDARD FEATURES
- UL Listed Aluminum Grease Filters
- Removable Grease Trough & Cup
- Exhaust Collar Installed or Loose
- Integral 3" Rear Standoff
- Wall or Base Mount Design
- Stainless Steel Construction

OPTIONS
- UL Listed Stainless Steel Grease Filters
- UL Listed Insulated Back and Ends for Zero Clearance to Combustible
- Pre-Plumbed Fire Suppression
- Wall Mount Design
- Light Switch
- Fan Switch

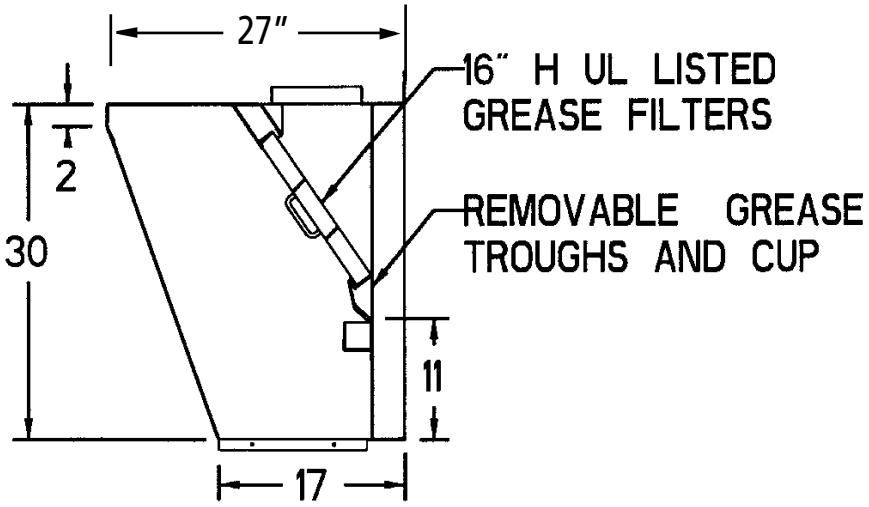


Section
(See reverse side for larger drawing)
NOTE: To be mounted 36" above finished floor
NOTE: Two exhaust ducts required after 12' long

BUILT IN ACCORDANCE WITH NFPA 96



Plan View



Section

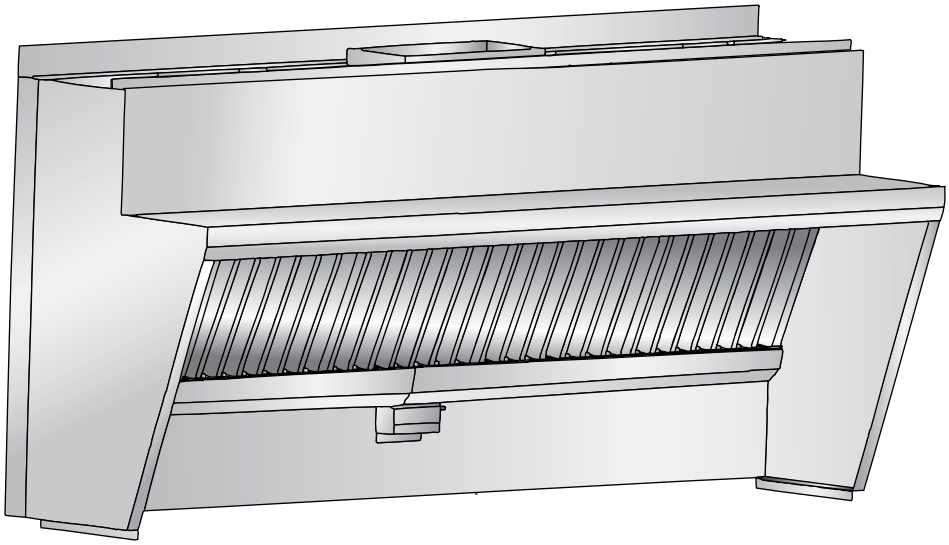
EXHAUST RATE REQUIREMENTS

(Recommended Min. Exhaust Flow Rate)	TEMPERATURE OF EQUIPMENT		
	400˚	600˚	700˚
CFM Exhaust / Ft.	200	225	-

ORDER ENTRY INFORMATION
Project:
Item:
Representative:
Model:
Length: Qty:
Width: Height:
Exhaust CFM:
Entered by:
Date:
Drawings Req'd: Y N
List Miscellaneous Options Separately
Duo-Aire®

Duo-Aire®

DBS
Exhaust Only Low Side Wall Ventilator

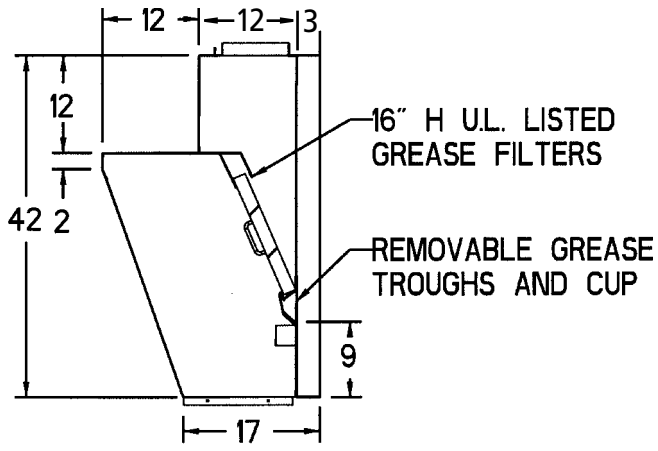


Model DBS (base mount shown)

A single shell non-compensating exhaust only back shelf ventilator constructed of stainless steel where visible and aluminized steel where concealed. All external seams shall be fluid welded and all internal seams shall be sealed with a high temp. silicone caulk. Ventilator shall be Listed to meet NSF and UL 710 standards and constructed to meet NFPA-96. Grease trough to be easily removable and slope to removable grease cup.

STANDARD FEATURES
- UL Listed Aluminum Grease Filters
- Removable Grease Trough & Cup
- Built-In Plate Shelf
- Exhaust Collar Installed or Loose
- 3" Rear Standoff
- Wall or Base Mount Design
- Stainless Steel Where Shows

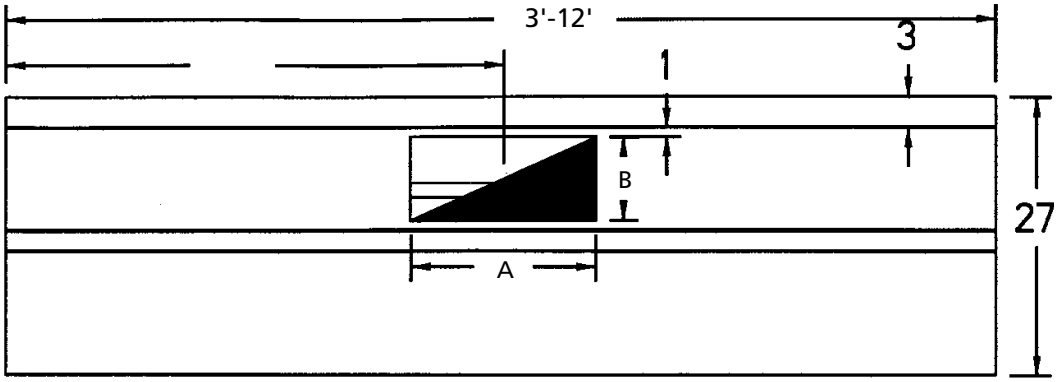
OPTIONS
- UL Listed Stainless Steel Grease Filters
- UL Listed Insulated Back and Ends for Zero Clearance to Combustible
- Pre-Plumbed Fire Suppression
- Wall Mount Design
- Light Switch
- Fan Switch



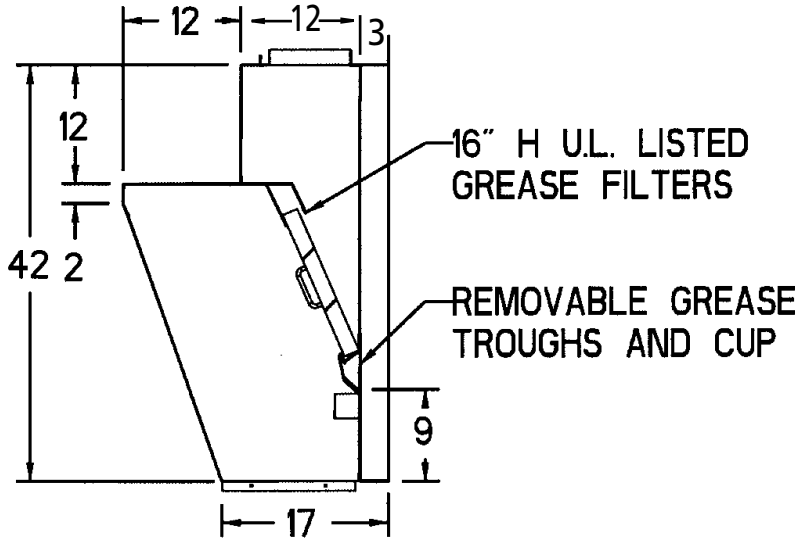
Section

NOTE: To be mounted 36" above finished floor

BUILT IN ACCORDANCE WITH NFPA 96



Plan View



Section

EXHAUST RATE REQUIREMENTS

(Recommended Min. Exhaust Flow Rate)	TEMPERATURE OF EQUIPMENT		
	400˚	600˚	700˚
CFM Exhaust / Ft.	200	225	-

ORDER ENTRY INFORMATION
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Model:
Length: Qty:
Width: Height:
Exhaust CFM:
Entered by:
Date:
Drawings Req'd: Y N
List Miscellaneous Options Separately
Duo-Aire®

ENGINEERING WORKSHEET

DBSW SERIES

400˚F. EQUIPMENT

Length in Ft.	Exhaust CFM 200/Ft.	Exhaust Collar A X B	Duct Velocity FPM	Filter Area Sq. Ft.	Filter Velocity FPM	Static Pressure
4	800	9 x 8	1600	4.2	191	.75
5	1000	10 x 9	1600	5.3	189	.75
6	1200	10 x 10	1728	6.3	191	.75
7	1400	11 x 11	1666	7.4	190	.75
8	1600	12 x 12	1600	8.4	191	.75
9	1800	13 x 12	1662	9.5	190	.75
10	2000	15 x 12	1600	10.5	191	.75
11	2200	16 x 12	1650	11.6	190	.75
12	2400	18 x 12	1600	12.6	191	.75
13	2600	(2)11 x 10	1702	14.0	186	.75
14	2800	(2)11 x 11	1666	15.0	187	.75
15	3000	(2)12 x 11	1636	15.8	190	.75
16	3200	(2)12 x 12	1600	16.8	191	.75

DBSW SERIES

600˚F. EQUIPMENT

Length in Ft.	Exhaust CFM 225/Ft.	Exhaust Collar A X B	Duct Velocity FPM	Filter Area Sq. Ft.	Filter Velocity FPM	Static Pressure
4	900	9 x 9	1600	4.2	214	.75
5	1125	10 x 10	1620	5.3	212	.75
6	1350	11 x 11	1607	6.3	214	.75
7	1575	12 x 11	1718	7.4	213	.75
8	1800	13 x 12	1662	8.4	214	.75
9	2025	15 x 12	1620	9.5	213	.75
10	2250	16 x 12	1688	10.5	214	.75
11	2475	18 x 12	1650	11.6	213	.75
12	2700	20 x 12	1620	12.6	214	.75
13	2925	(2)11 x 11	1741	14.0	209	.75
14	3150	(2)12 x 11	1718	15.0	210	.75
15	3375	(2)12 x 12	1688	15.8	214	.75
16	3600	(2)13 x 12	1662	16.8	214	.75

ENGINEERING WORKSHEET

DBSL SERIES

400˚F. EQUIPMENT

Length in Ft.	Exhaust CFM 200/Ft.	Exhaust Collar A X B	Duct Velocity FPM	Filter Area	Filter Velocity FPM	Static Pressure
3	600	8X6	1818	3.2	188	.75
4	800	8X8	1818	4.2	190	.75
5	1000	10X8	1786	5.3	189	.75
6	1200	12X8	1791	6.3	190	.75
7	1400	14X8	1795	7.4	189	.75
8	1600	16X8	1748	8.4	190	.75
9	1800	18X8	1800	9.5	189	.75
10	2000	20X8	1802	10.5	190	.75
11	2200	22X8	1803	11.6	190	.75
12	2400	24X8	1805	12.6	190	.75

DBSL SERIES

600˚F. EQUIPMENT

Length in Ft.	Exhaust CFM 225/Ft.	Exhaust Collar A X B	Duct Velocity FPM	Filter Area Sq. Ft.	Filter Velocity FPM	Static Pressure
3	675	10x6	1607	3.2	251	.75
4	900	12x6	1800	4.2	214	.75
5	1125	12x8	1679	5.3	212	.75
6	1350	12X10	1627	6.3	214	.75
7	1575	12X12	1575	7.4	213	.75
8	1800	12X12	1800	8.4	214	.75
9	2025	14X12	1731	9.5	213	.75
10	2250	16x12	1692	10.5	214	.75
11	2475	16X12	1861	11.6	213	.75
12	2700	18x12	1800	12.6	214	.75

ENGINEERING WORKSHEET

DBS SERIES

400˚F. EQUIPMENT

Length in Ft.	Exhaust CFM 200/Ft.	Exhaust Collar A X B	Duct Velocity FPM	Filter Area	Filter Velocity FPM	Static Pressure
3	600	8X6	1818	3.2	188	.75
4	800	8X8	1818	4.2	190	.75
5	1000	10X8	1786	5.3	189	.75
6	1200	12X8	1791	6.3	190	.75
7	1400	14X8	1795	7.4	189	.75
8	1600	16X8	1748	8.4	190	.75
9	1800	18X8	1800	9.5	189	.75
10	2000	20X8	1802	10.5	190	.75
11	2200	22X8	1803	11.6	190	.75
12	2400	24X8	1805	12.6	190	.75

DBS SERIES

600˚F. EQUIPMENT

Length in Ft.	Exhaust CFM 225/Ft.	Exhaust Collar A X B	Duct Velocity FPM	Filter Area Sq. Ft.	Filter Velocity FPM	Static Pressure
3	675	10x6	1607	3.2	251	.75
4	900	12x6	1800	4.2	214	.75
5	1125	12x8	1679	5.3	212	.75
6	1350	12X10	1627	6.3	214	.75
7	1575	12X12	1575	7.4	213	.75
8	1800	12X12	1800	8.4	214	.75
9	2025	14X12	1731	9.5	213	.75
10	2250	16x12	1692	10.5	214	.75
11	2475	16X12	1861	11.6	213	.75
12	2700	18x12	1800	12.6	214	.75