

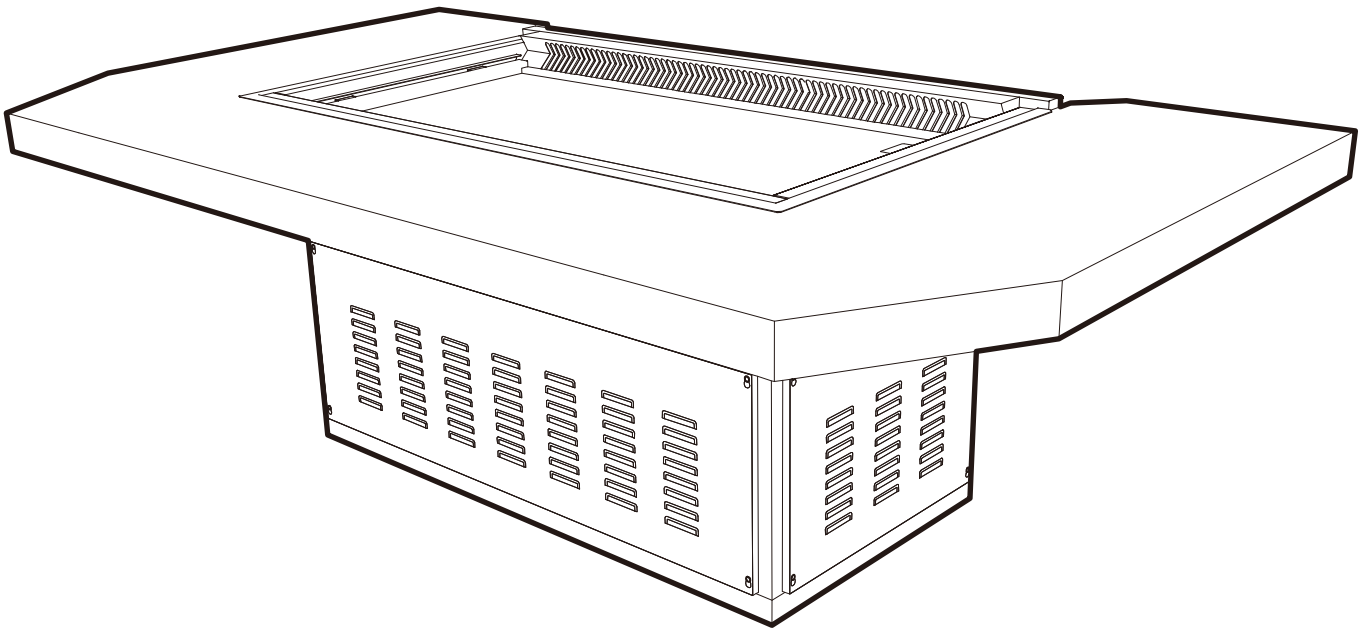
HIBACHI TABLE

TGU-08 / TGU-10



HIBACHI TABLE DATA SHEET

CUSTOMER'S GUIDE



Roaster Tech. Inc.

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FAX: 914.693.0524
WEBSITE: www.roastertech.com
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TEL: 718.599.2747
FAX: 718.599.0235

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ROASTER TECH DOWNDRAFT EXHAUST SYSTEM

- Innovative Roaster Tech Downdraft Exhaust System was commercialized in 1996 by Roaster Tech, Inc.
- Rapidly surpassed conventional canopy hood in hibachi restaurants nationwide.
- Push-air flow maximizes efficiency and minimizes needed amount of makeup air.
- Meets all industrial standards.

MAKEUP AIR

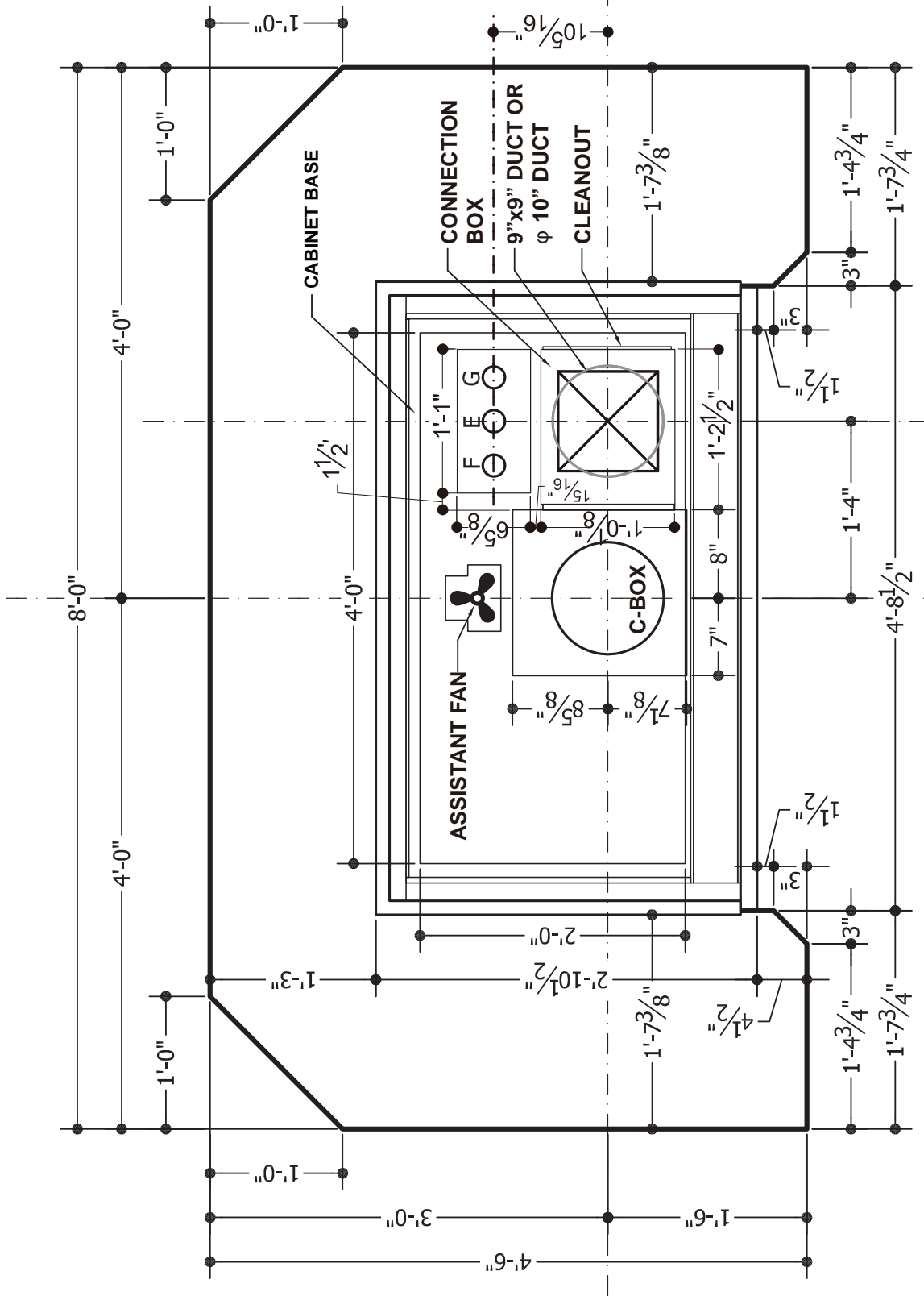
- Makeup air is required by law.
- Canopy must be two feet longer than the teppan plate in all directions. (e.g. minimum canopy for 2'x 4' teppan is 4' x 6')
- Makeup air for each canopy is 2400CFM.
- Makeup air for Roaster Tech Downdraft System is only 845 CFM, according to UL standard.

ENERGY EFFICIENT AND HEALTHY

- Require only approximately 35% exhaust flow rate, 845 CFM.
- Nearly smoke-free, oil mist-free and heat free cooking.
- Both chef and patrons enjoy a more pleasant cooking and dining experiences.
- Clean cooking attracts more guests.

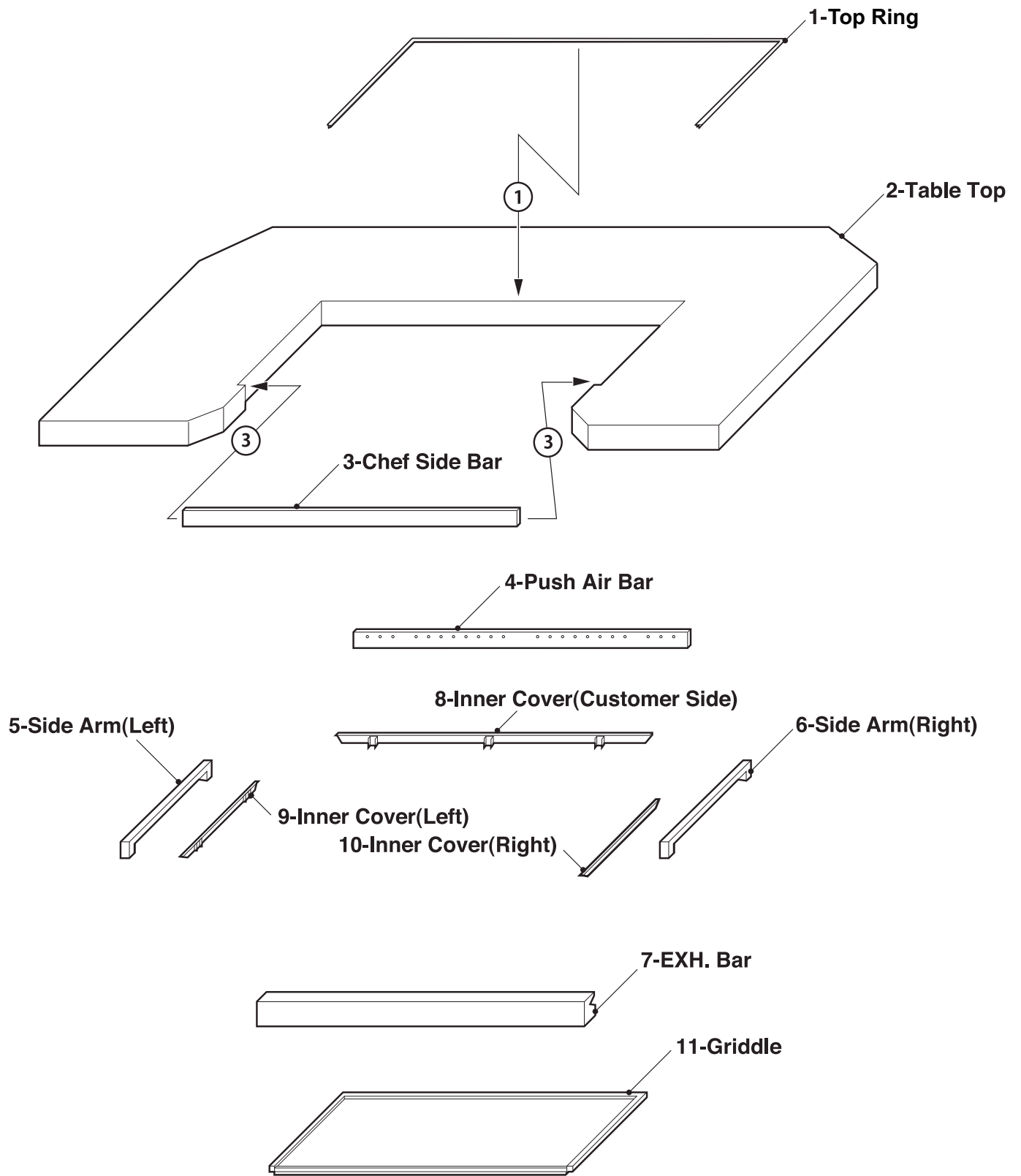
HIBACHI STANDARD SPECIFICATION

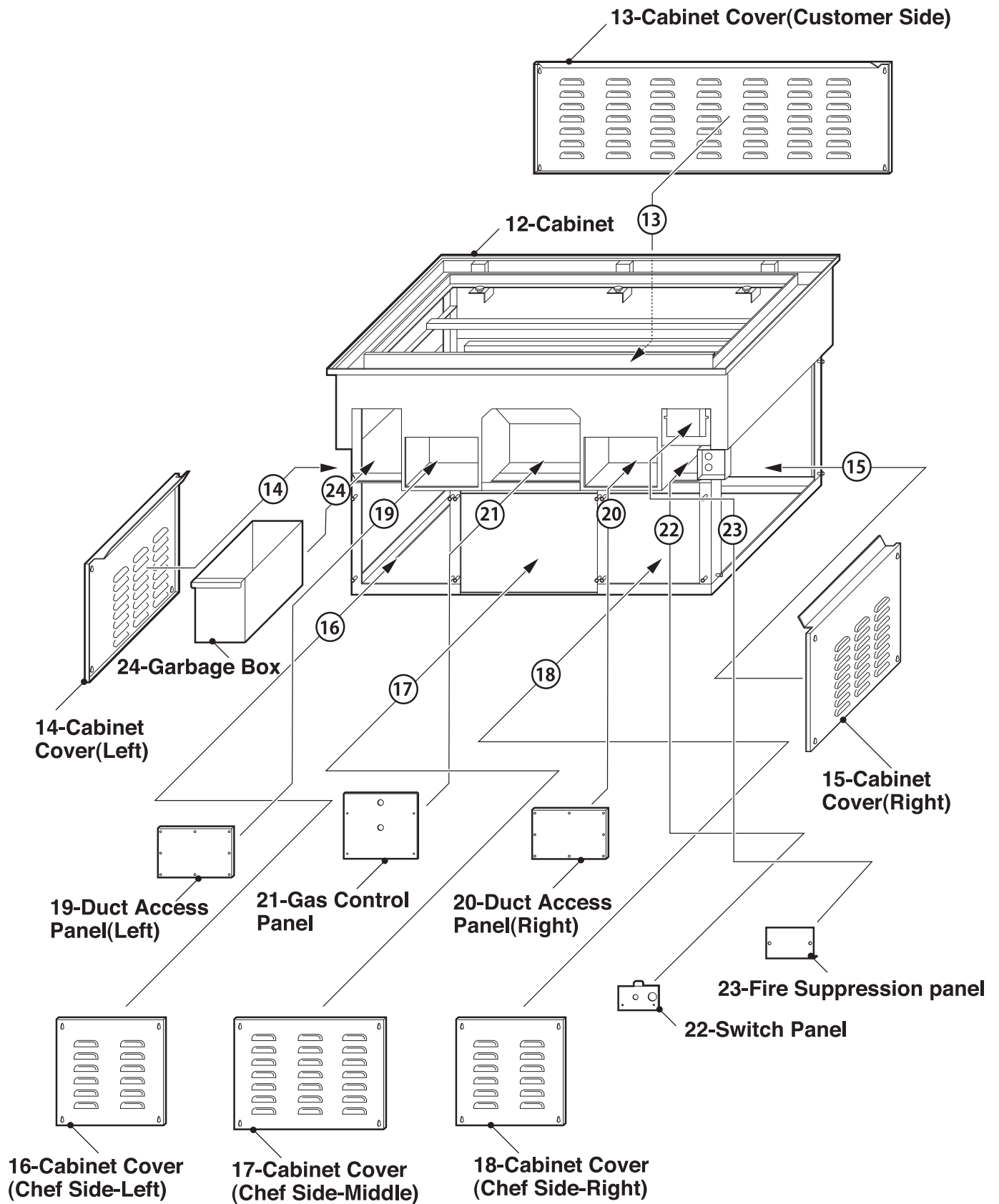
Model	TGU-08	TGU-10
Griddle Dimension	4'-0" x 2'-0"	5'-0" x 2'-0"
Table Dimension (Standard)	8'-0" x 4'-6"	9'-0" x 4'-6"
Duct Size	9"x9" OR Ø10"	10"x10" OR Ø11"
Required Static Pressure (Per Unit)	1.25	1.25
Exhaust Air-Flow	845 CFM	1040 CFM
Heat Source	Natural Gas or Propane	Natural Gas or Propane
Gas Consumption	38,000 BTU	38,000 BTU
Diameter of Gas Supply Line	3/4"	3/4"
Electric Requirement for the Table	1.02 amp / 115V	
Griddle Type	Hot-Rolled Steel or Stainless Steel	
Table Top	Formica, Plywood (Maple, Red Oak, Walnut and Cherry) or Granite	

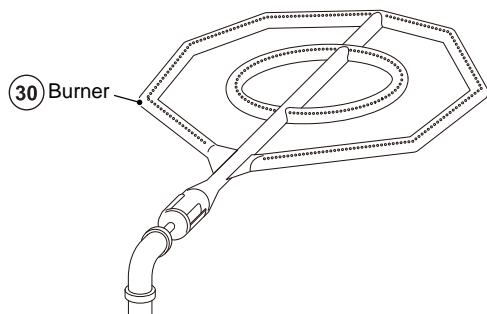
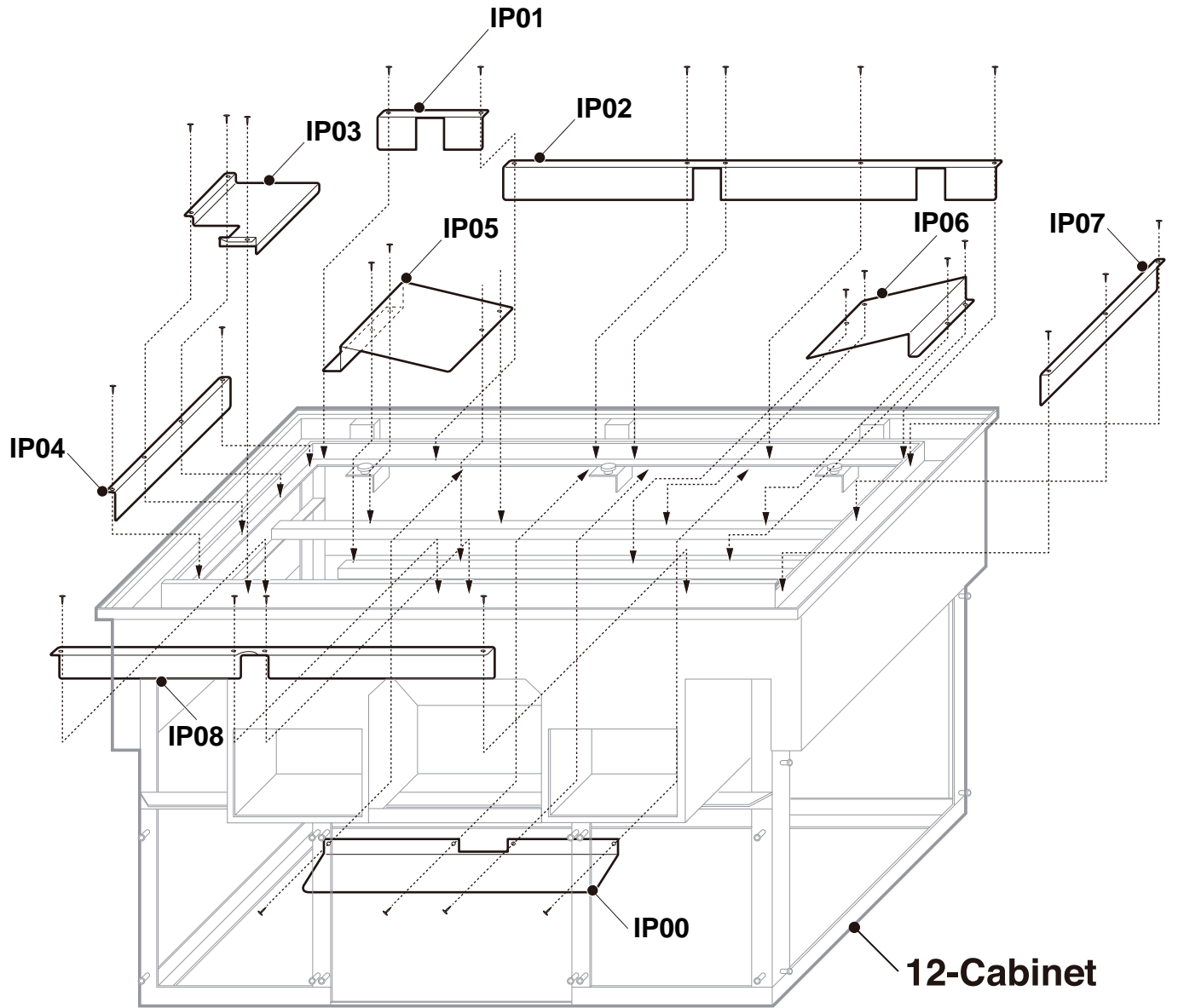


TGU-08 STANDARD HIBACHI TABLE SPECIFICATION

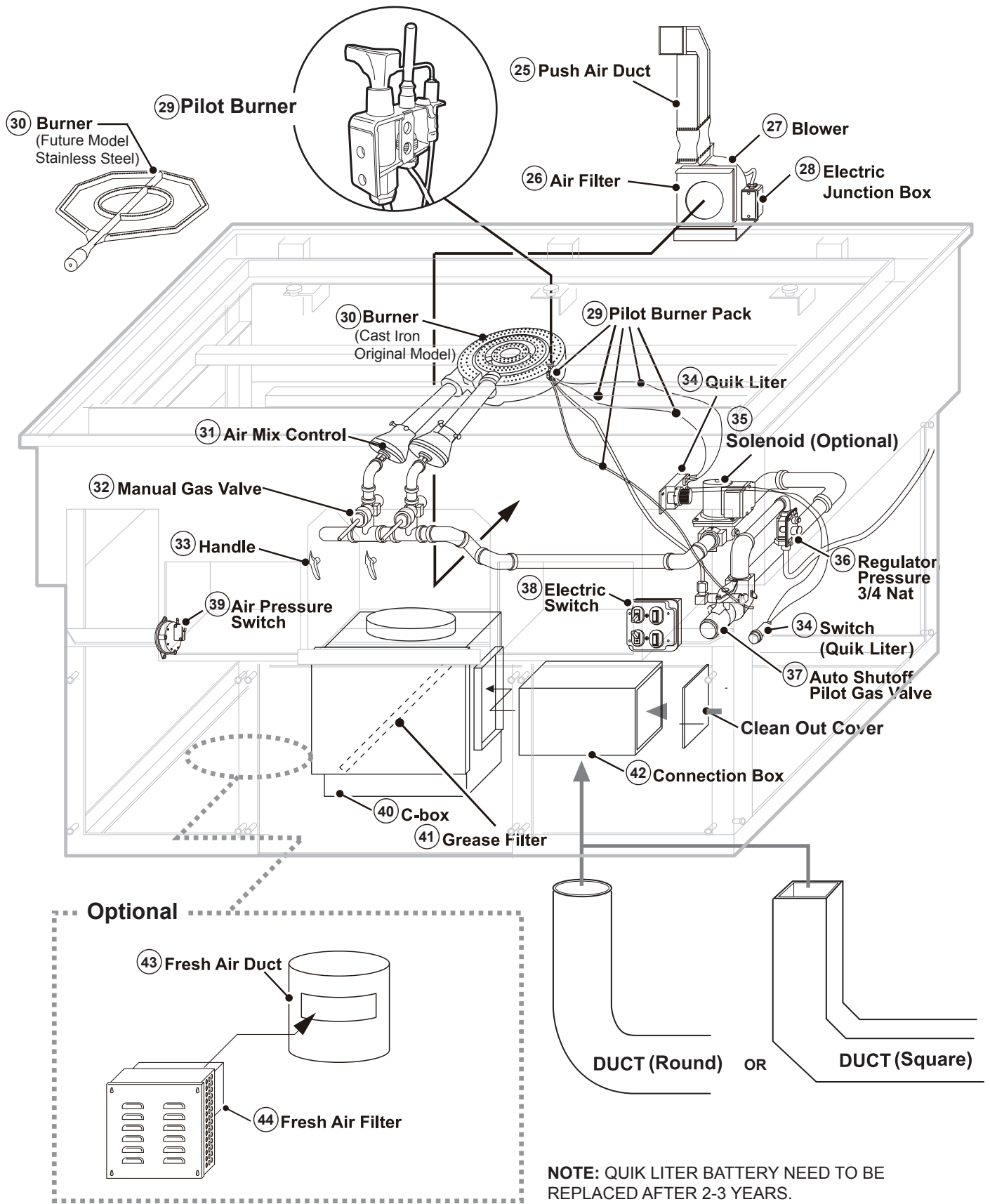
1 N.T.S.

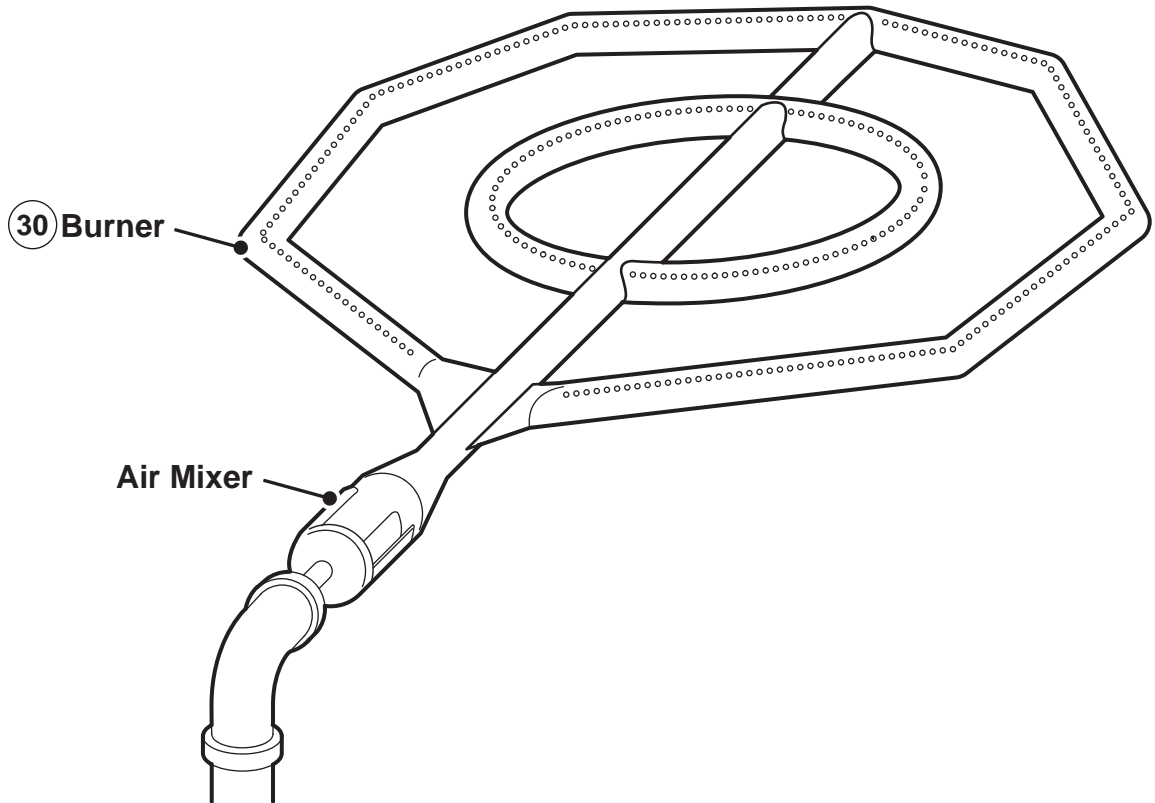




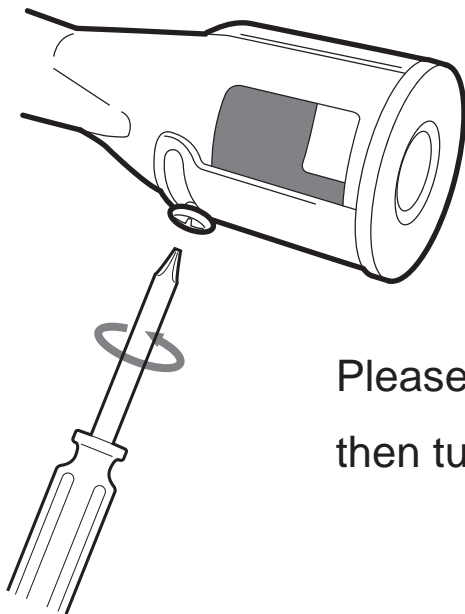


HIBACHI INNER PANEL(NEW BURNER)

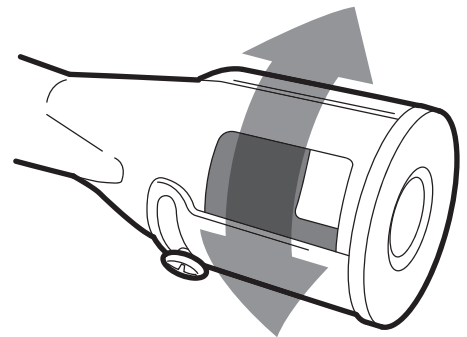




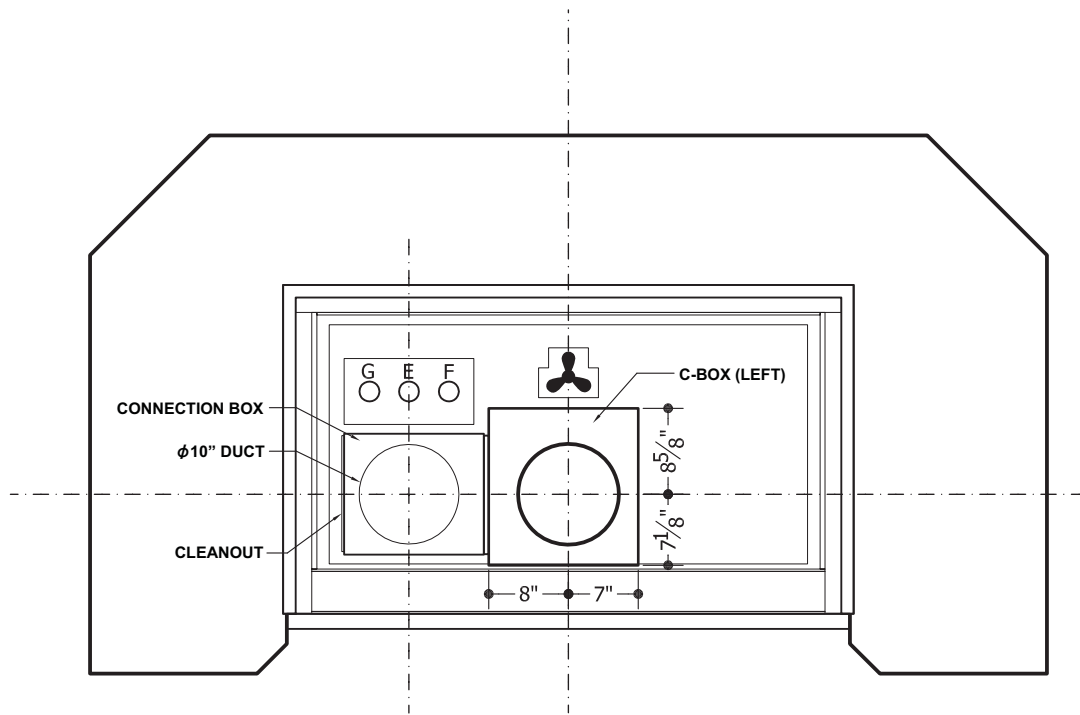
1



2

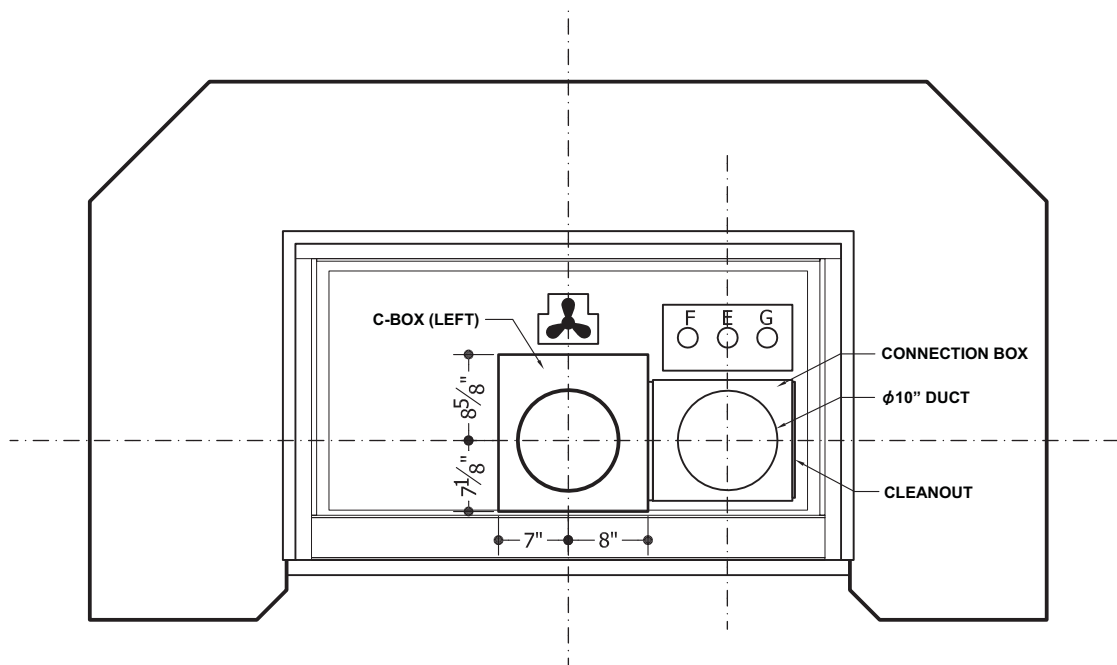


Please loosen this screw (1),
then turn to control the air(2).

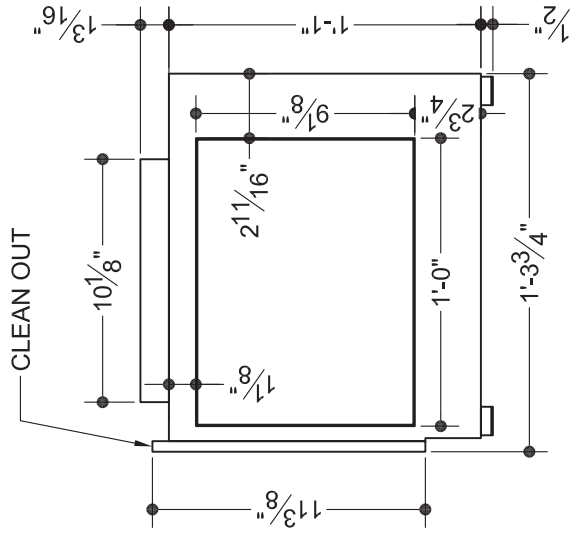
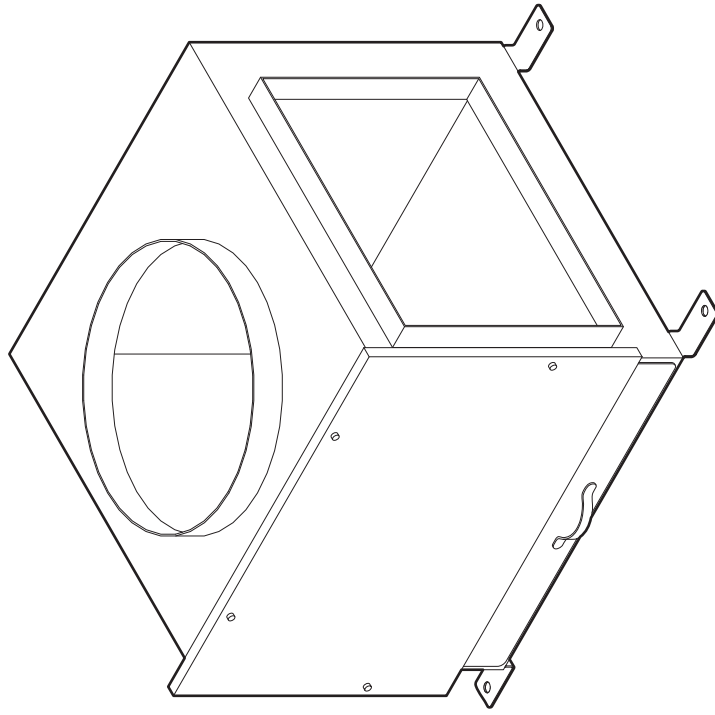


1 HIBACHI TABLE (LEFT SIDE C-BOX CONNECTION)
N.T.S.

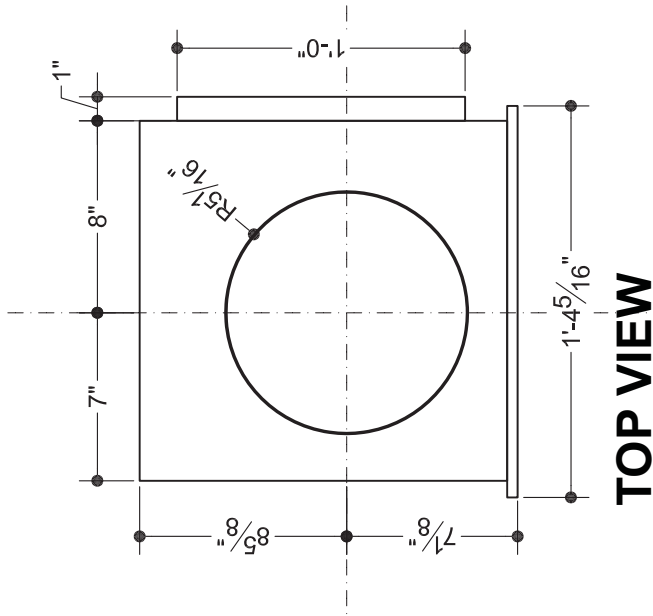
NOTE: There are two types of c-boxes (left and right).
Choosing which type of c-box depends on the
main duct location.



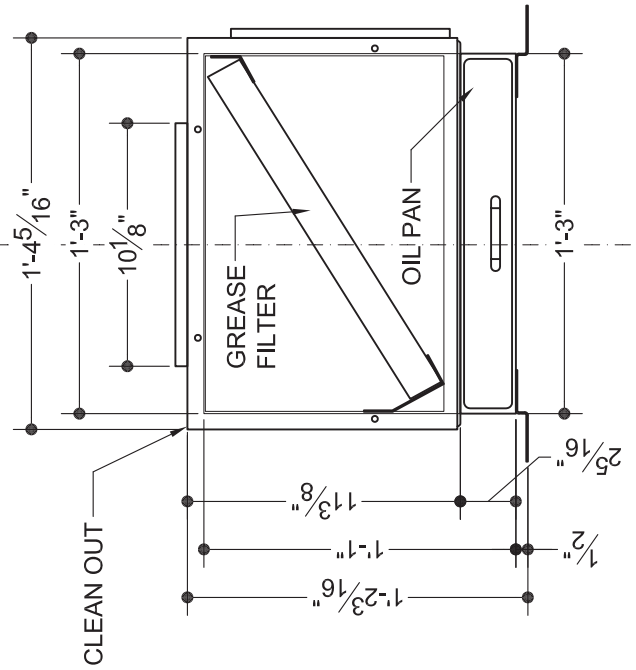
2 HIBACHI TABLE (RIGHT SIDE C-BOX CONNECTION)
N.T.S.



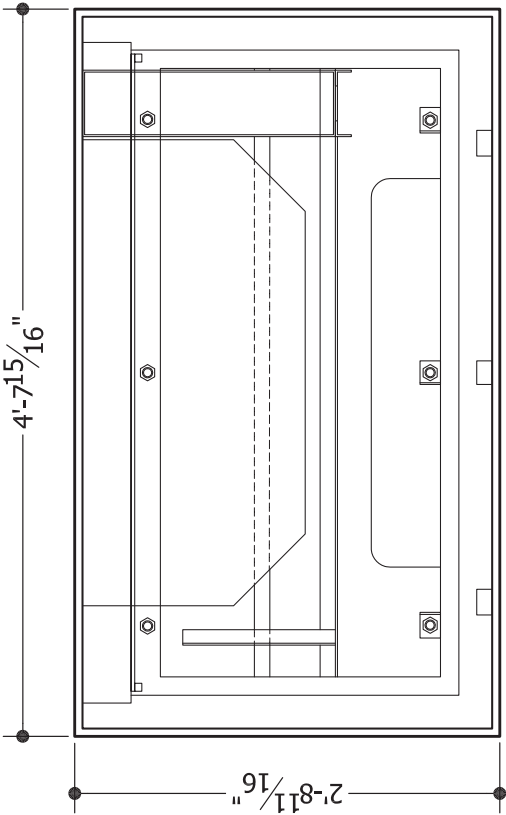
SIDE ELEVATION



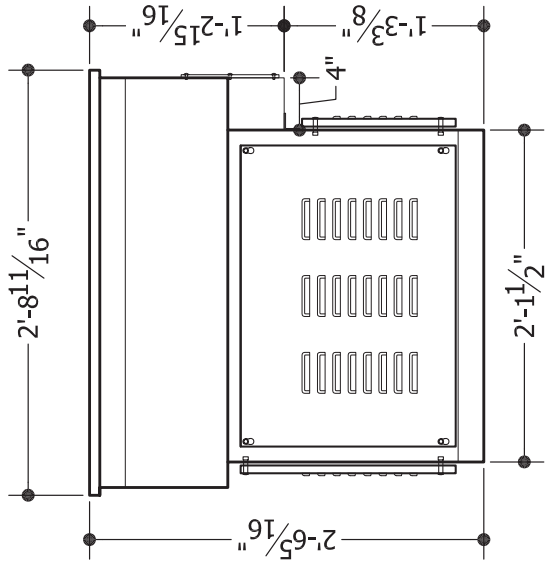
TOP VIEW



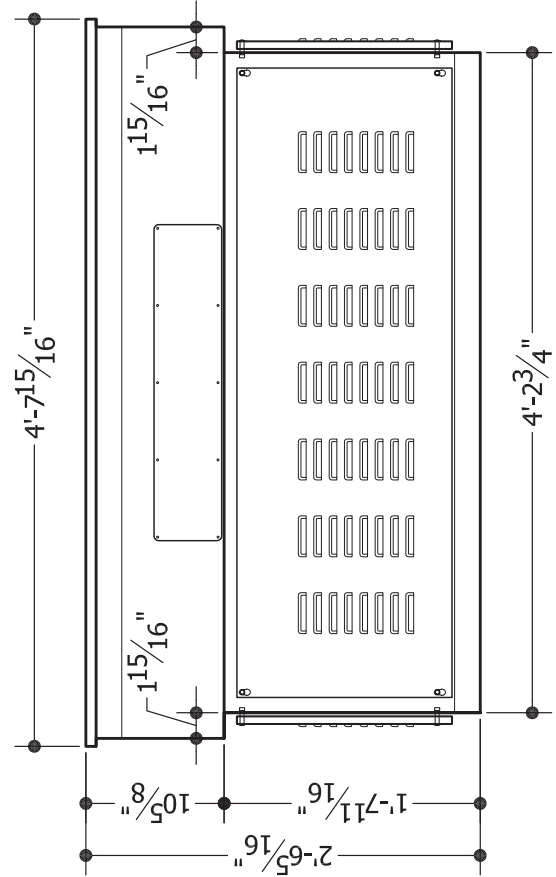
REAR ELEVATION



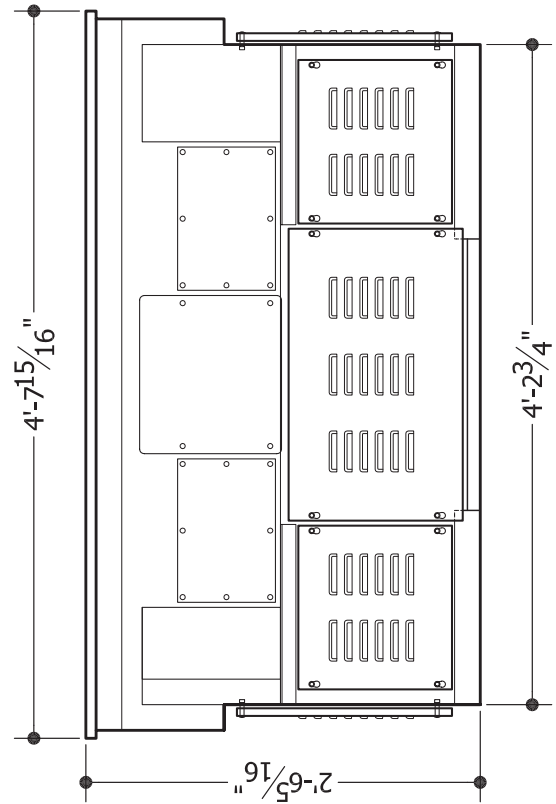
TOP VIEW



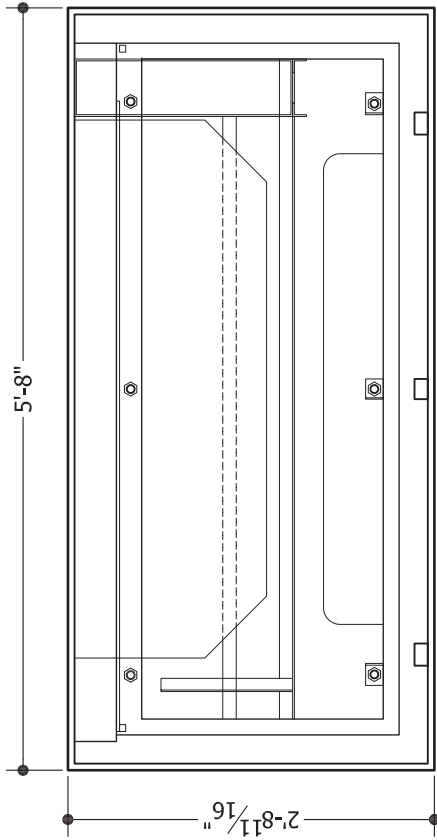
SIDE VIEW



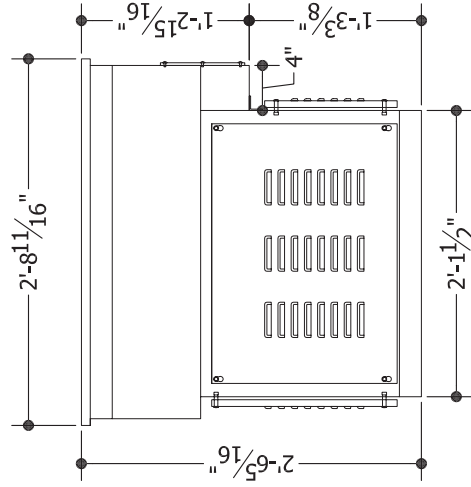
FRONT SIDE (CUSTOMER)



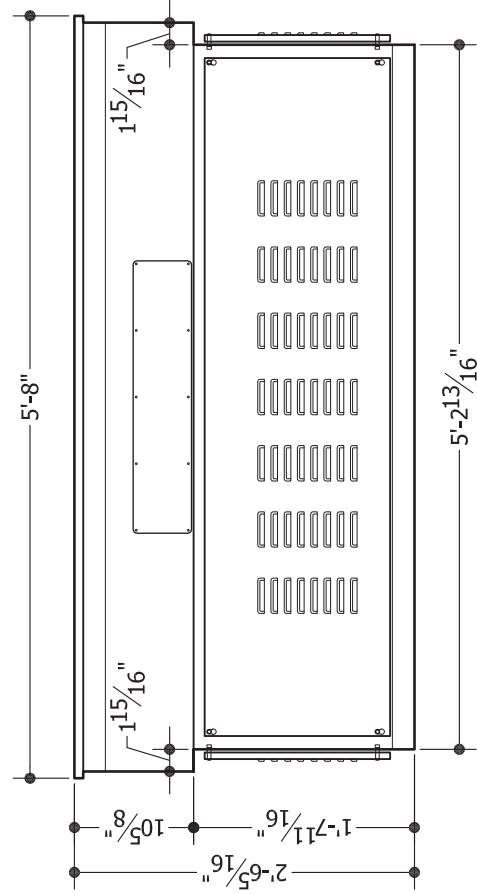
REAR SIDE (CHEF)



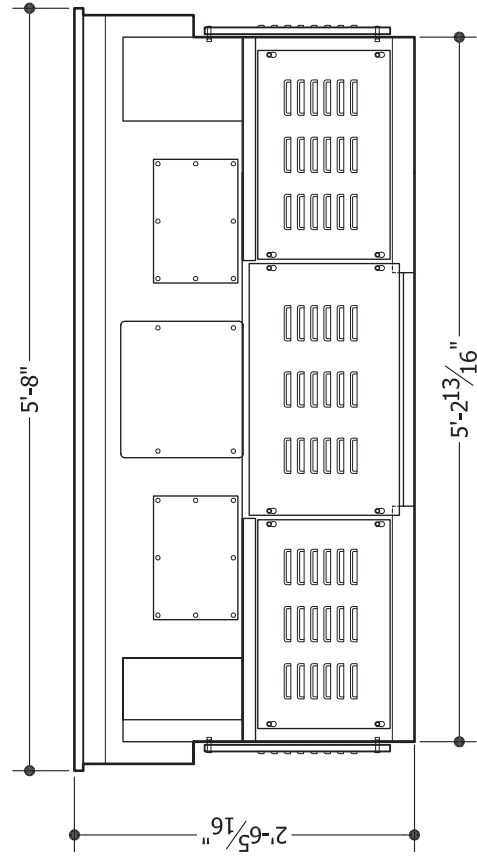
TOP VIEW



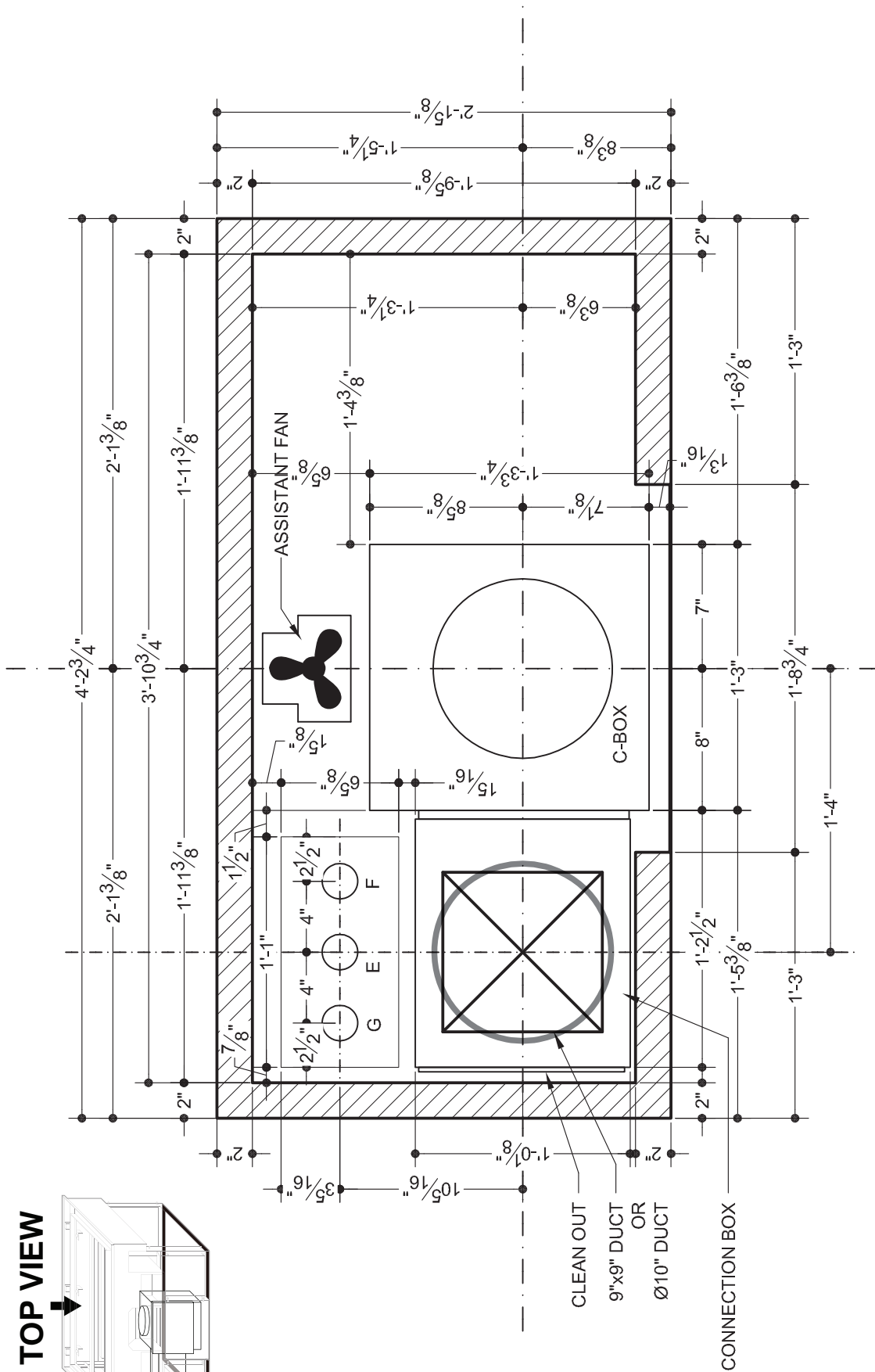
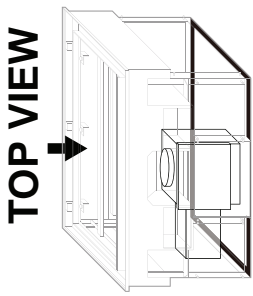
SIDE VIEW



FRONT SIDE (CUSTOMER)

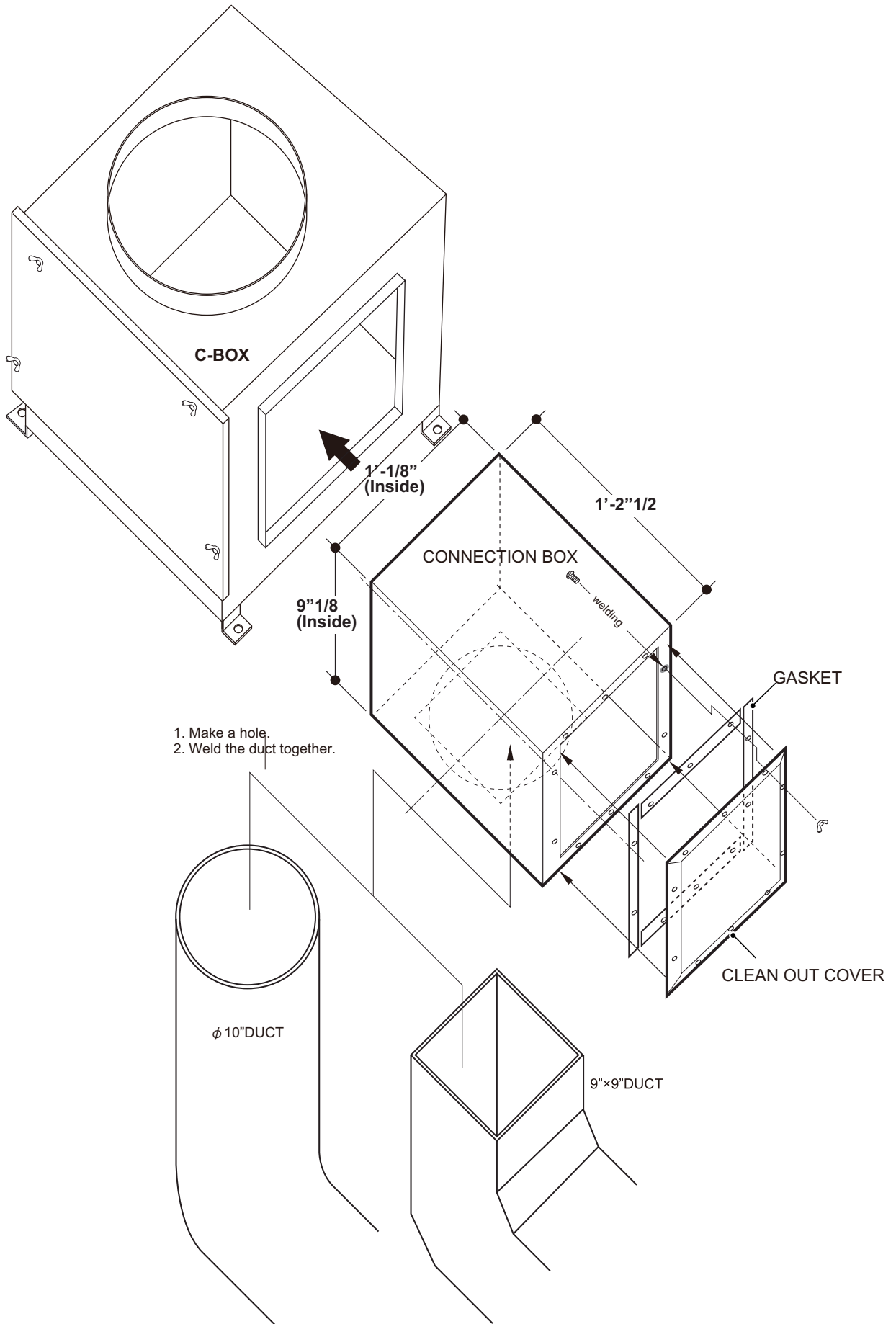


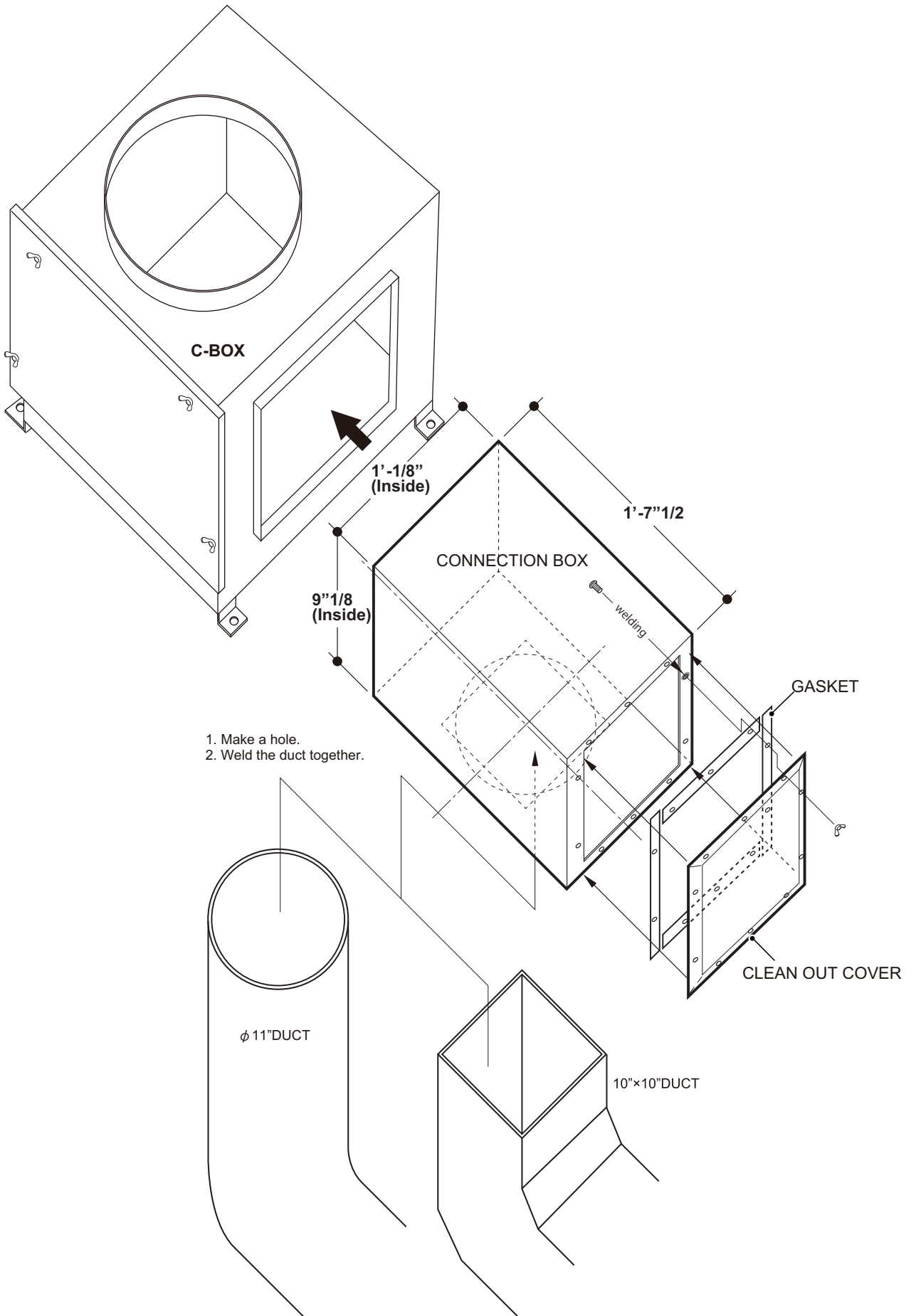
REAR SIDE (CHEF)

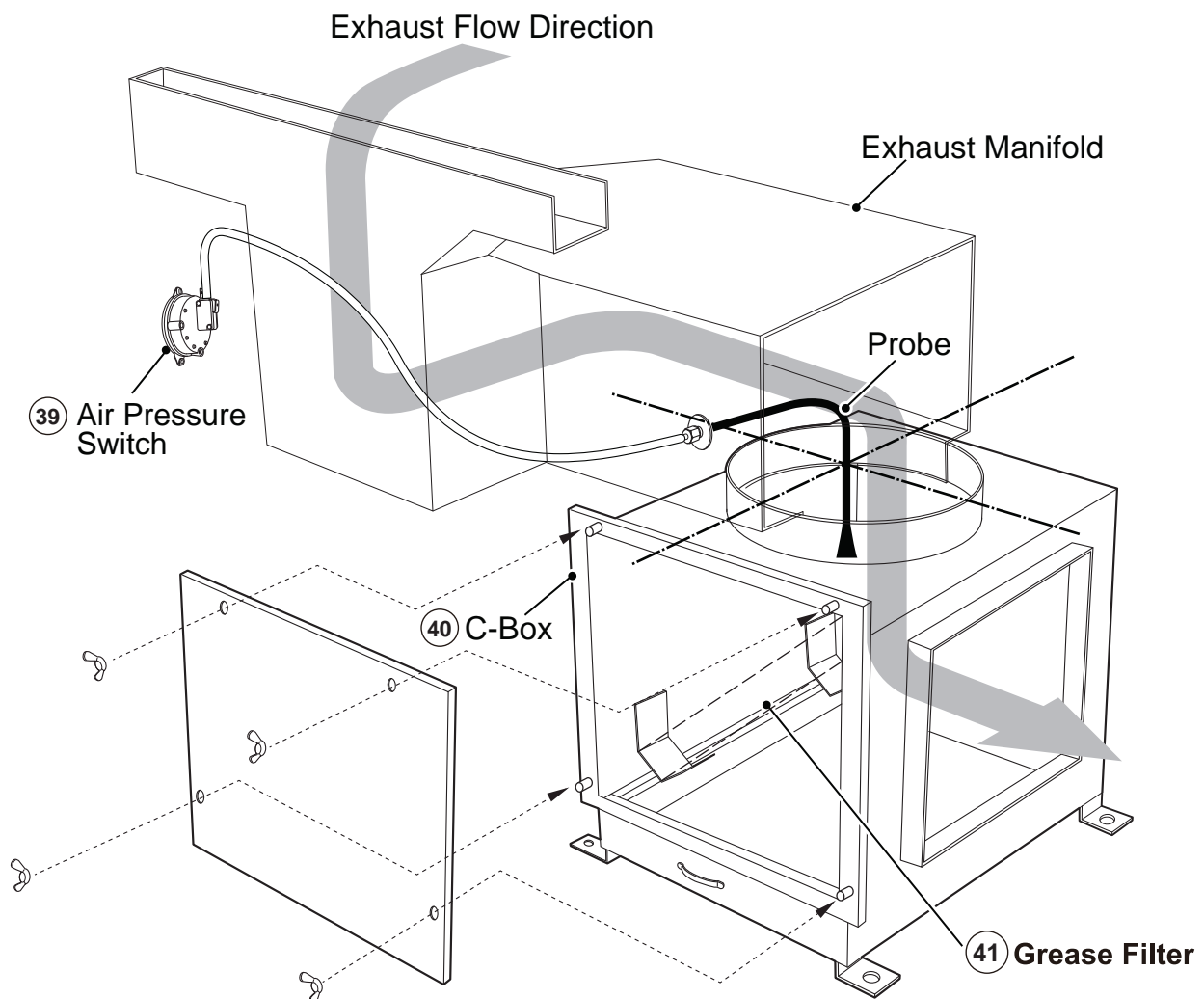


○ HIBACHI TABLE TGU-08 C-BOX LOCATION (LEFT)
N.T.S.

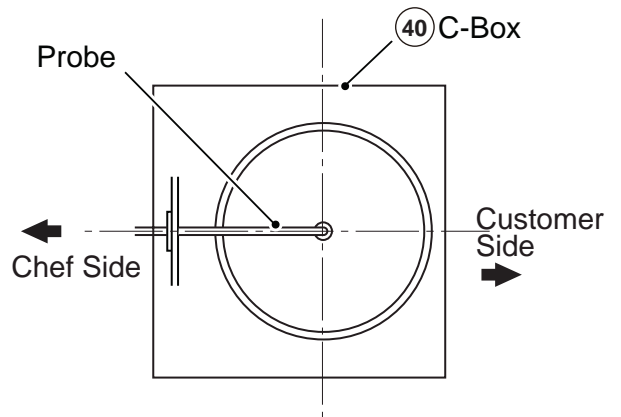
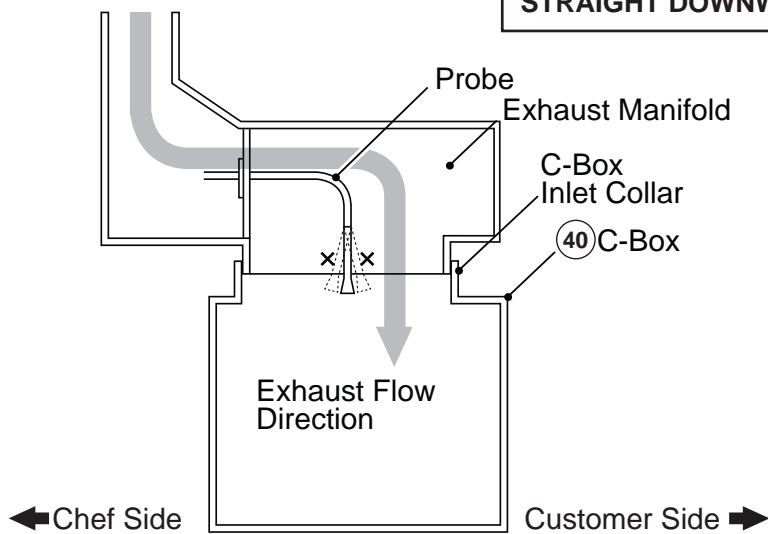
▨ CABINET BASE

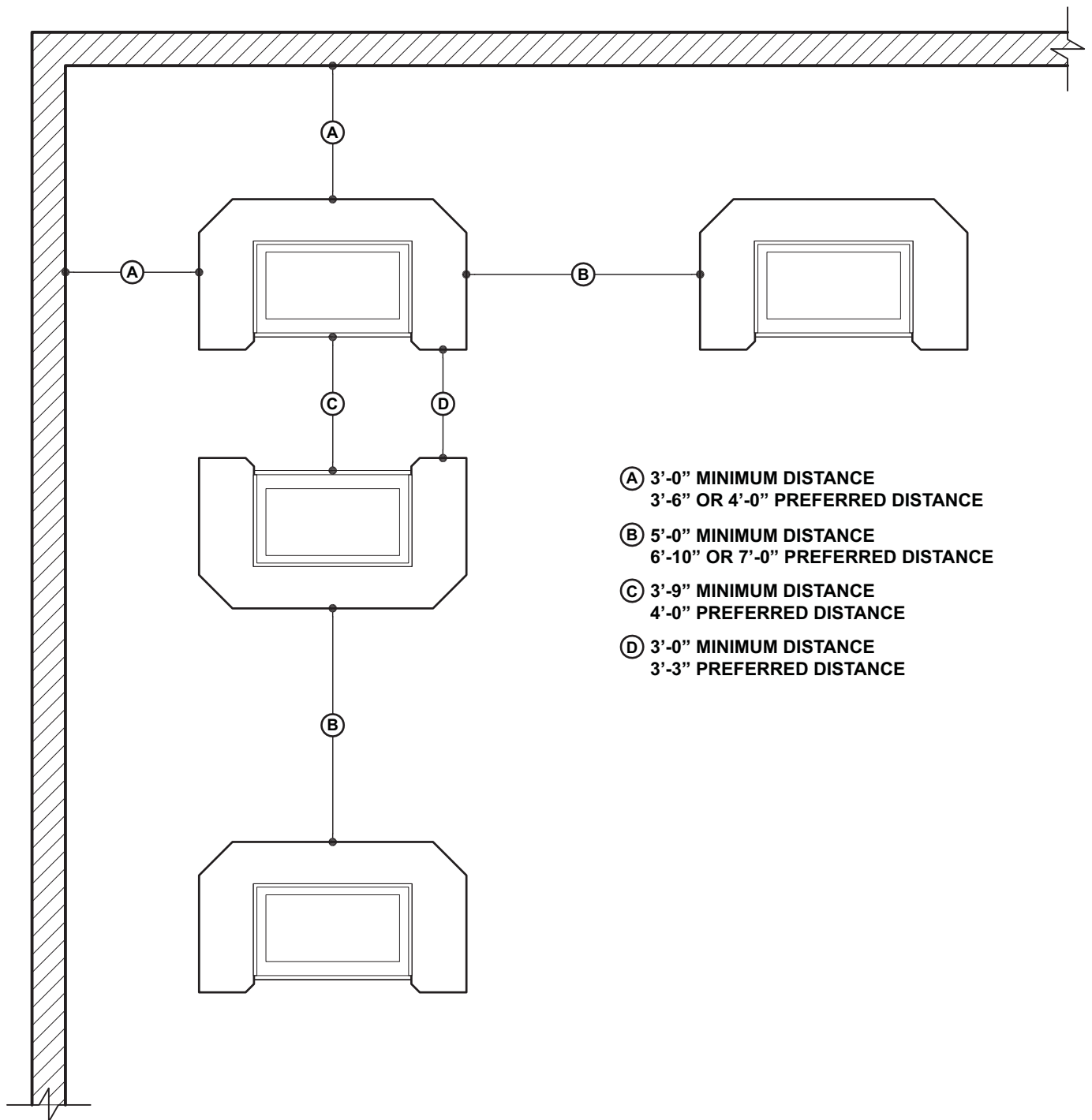






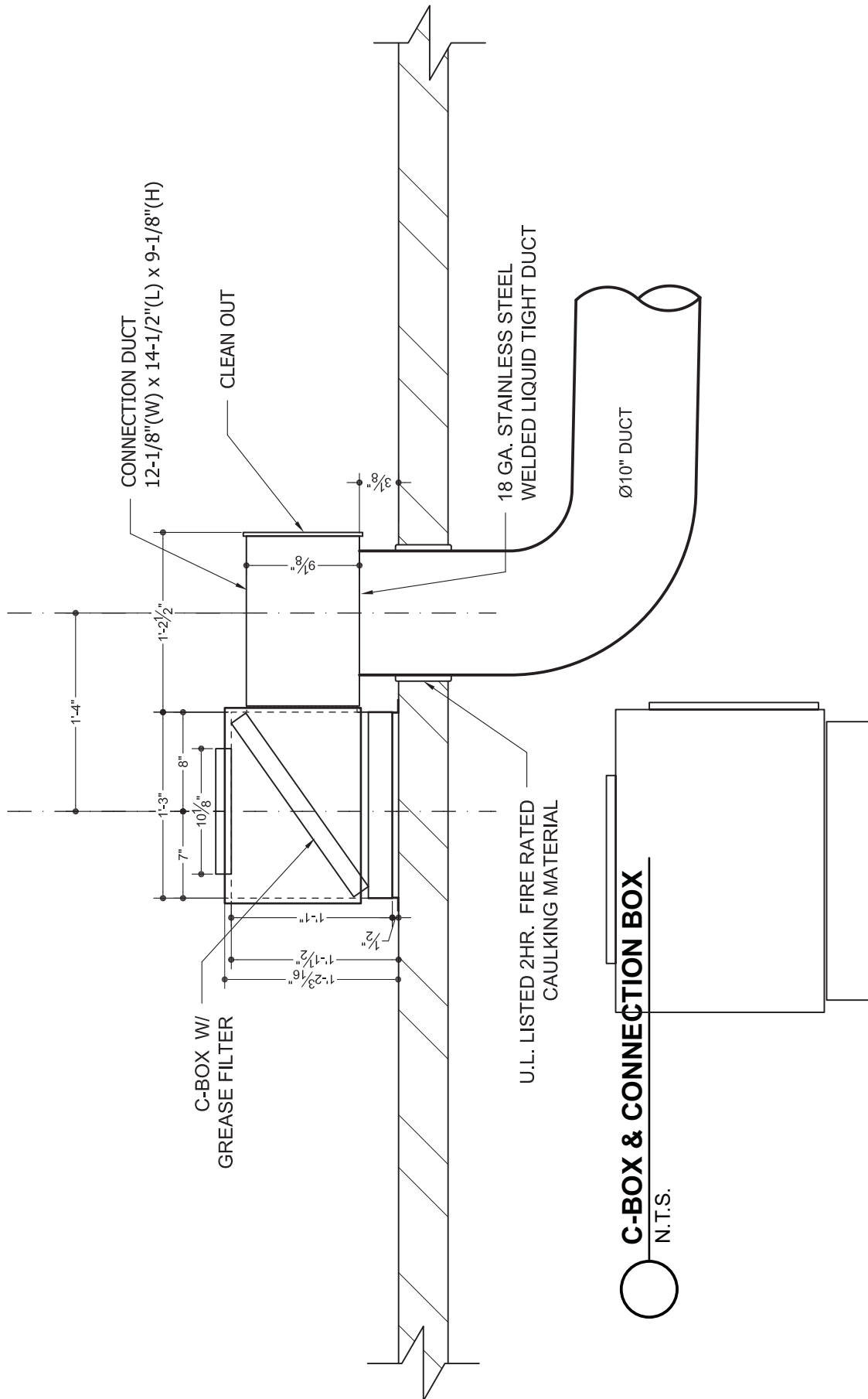
THE PROBE MUST BE POSITION STRAIGHT DOWNWARD

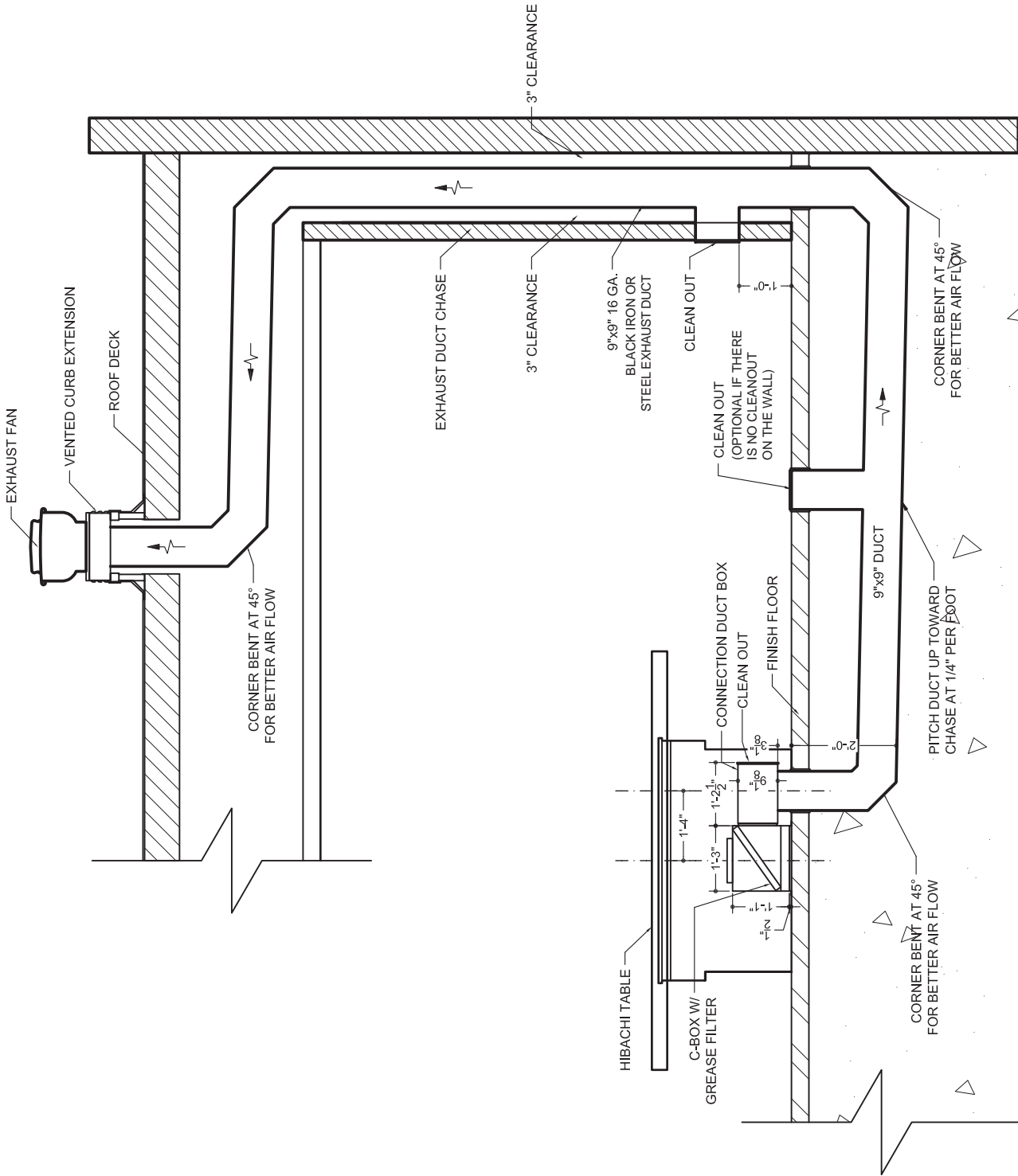




- Ⓐ 3'-0" MINIMUM DISTANCE
3'-6" OR 4'-0" PREFERRED DISTANCE
- Ⓑ 5'-0" MINIMUM DISTANCE
6'-10" OR 7'-0" PREFERRED DISTANCE
- Ⓒ 3'-9" MINIMUM DISTANCE
4'-0" PREFERRED DISTANCE
- Ⓓ 3'-0" MINIMUM DISTANCE
3'-3" PREFERRED DISTANCE

○ **HIBACHI TABLE SPACING LAYOUT**
N.T.S.

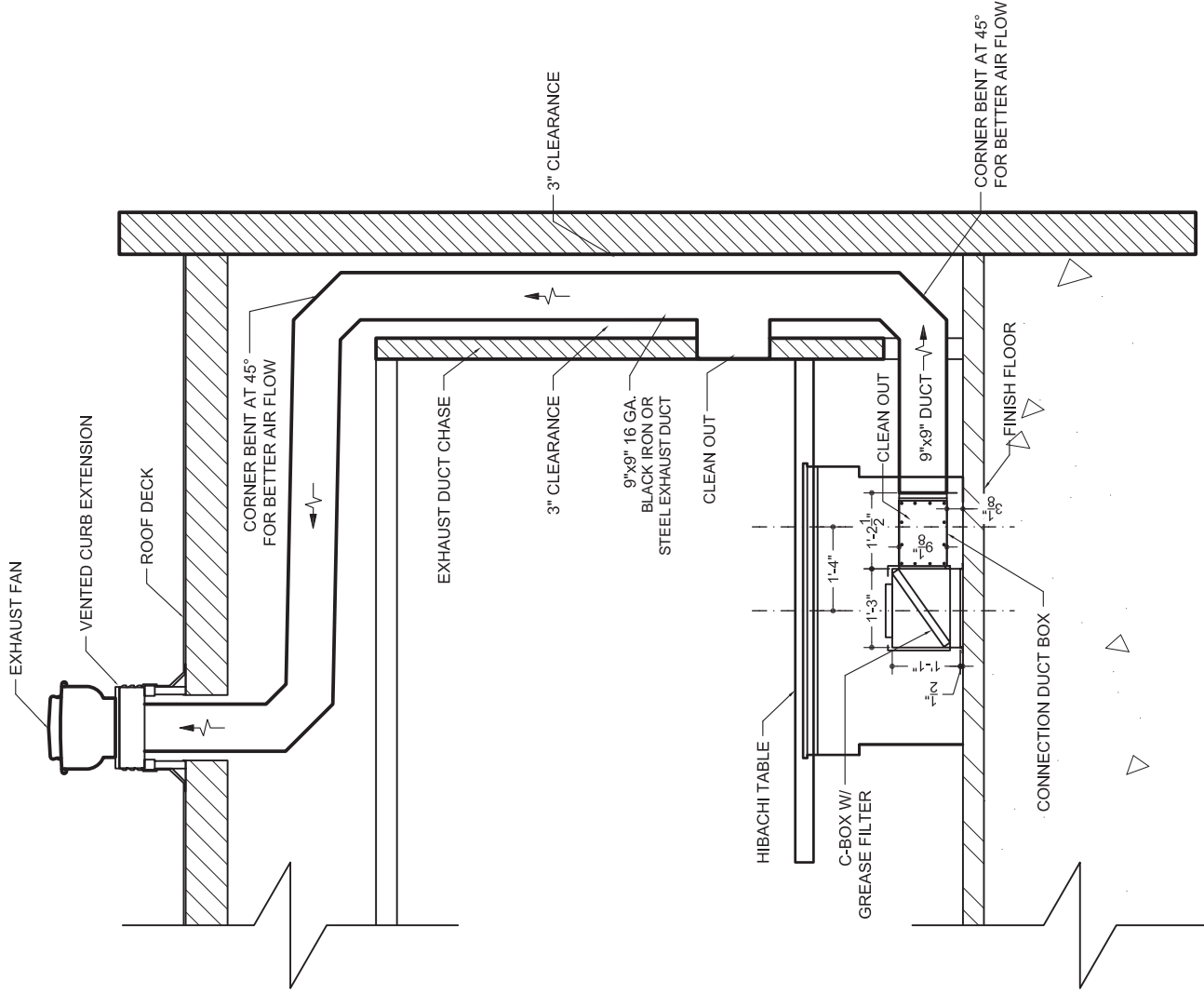




DOWNDRAFT EXHAUST SYSTEM (9"x9" DUCT)

N.T.S.

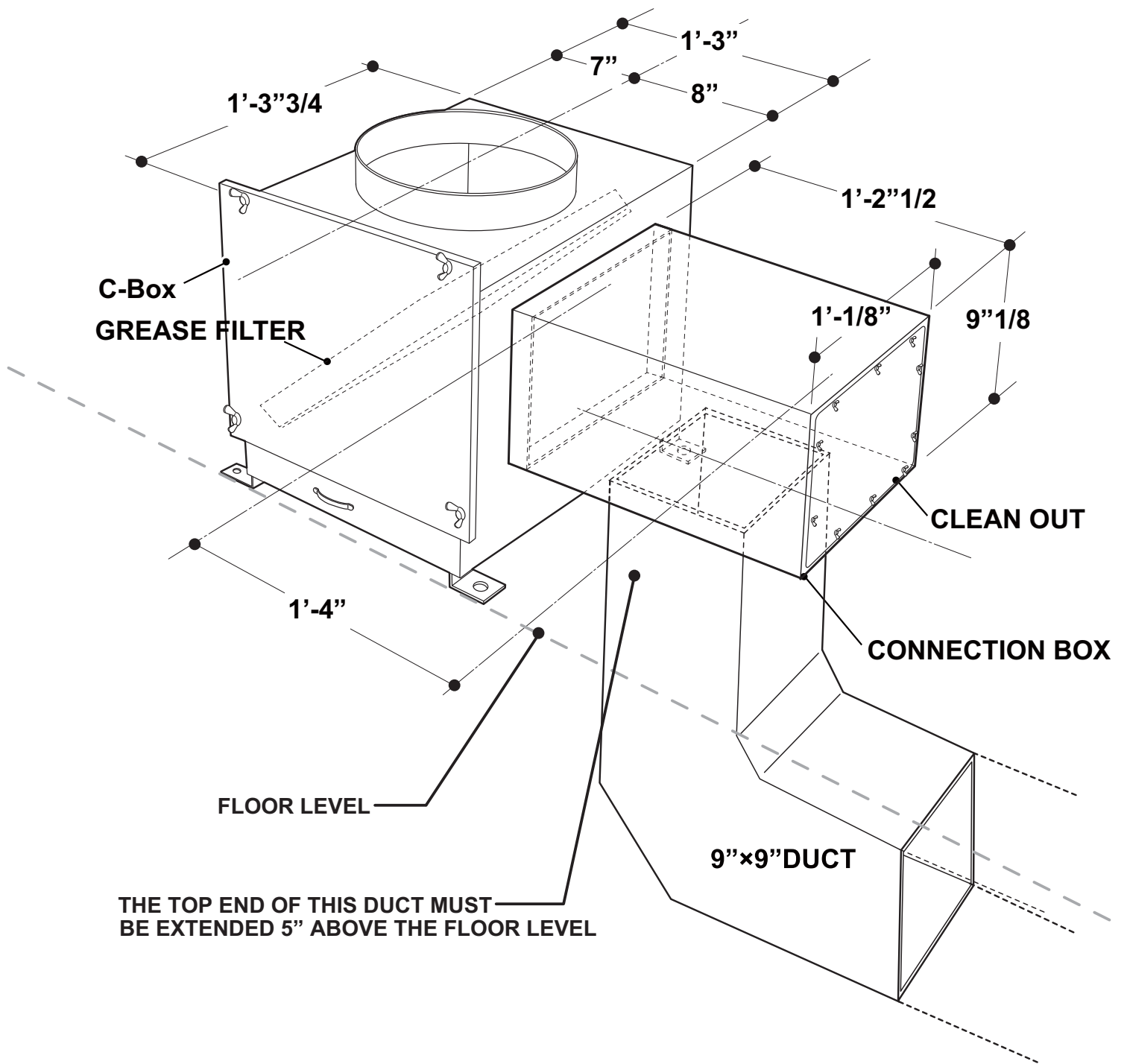


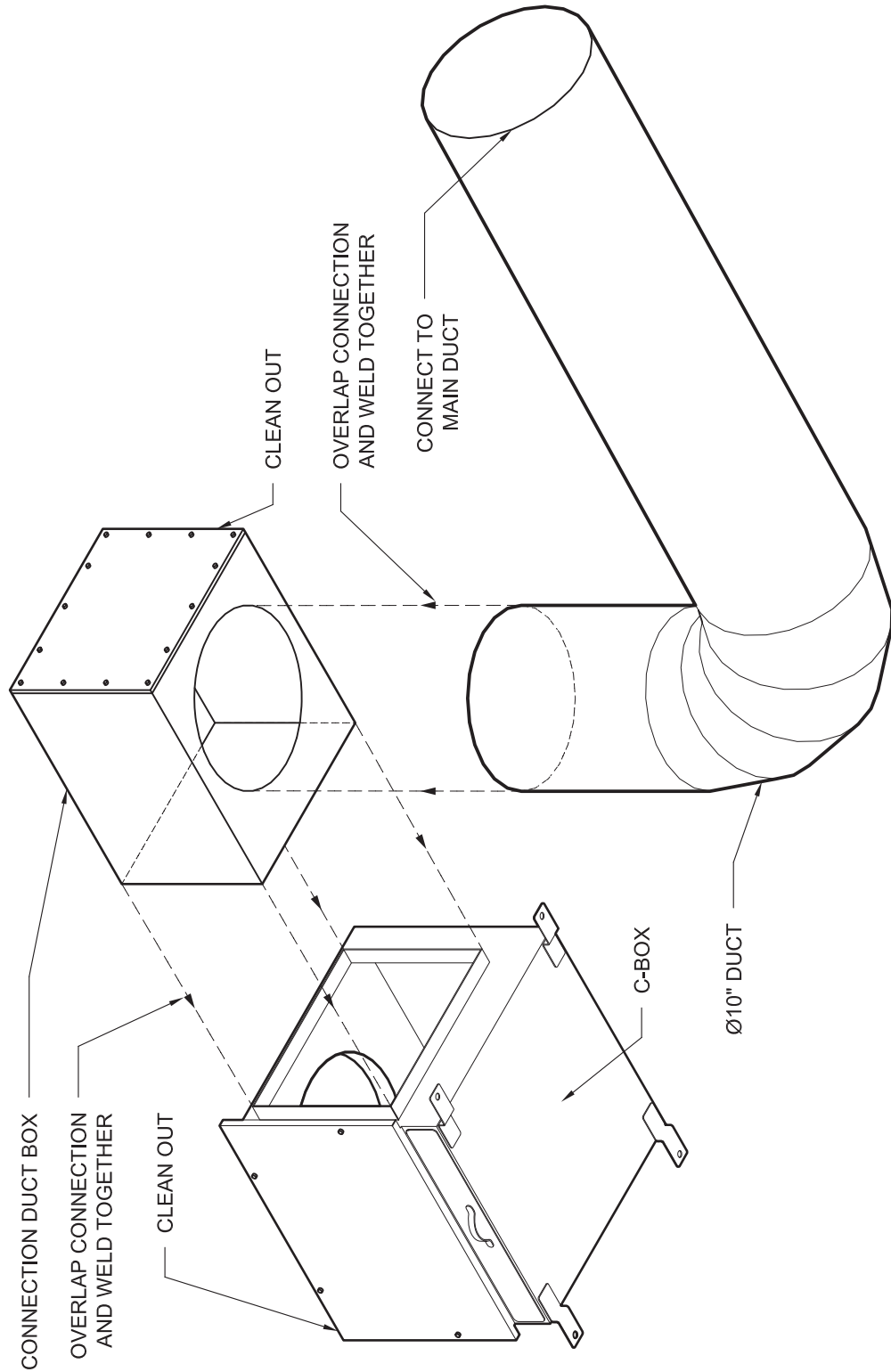


DOWNDRAFT EXHAUST SYSTEM (9"x9" DUCT ABOVE FLOOR)

N.T.S.

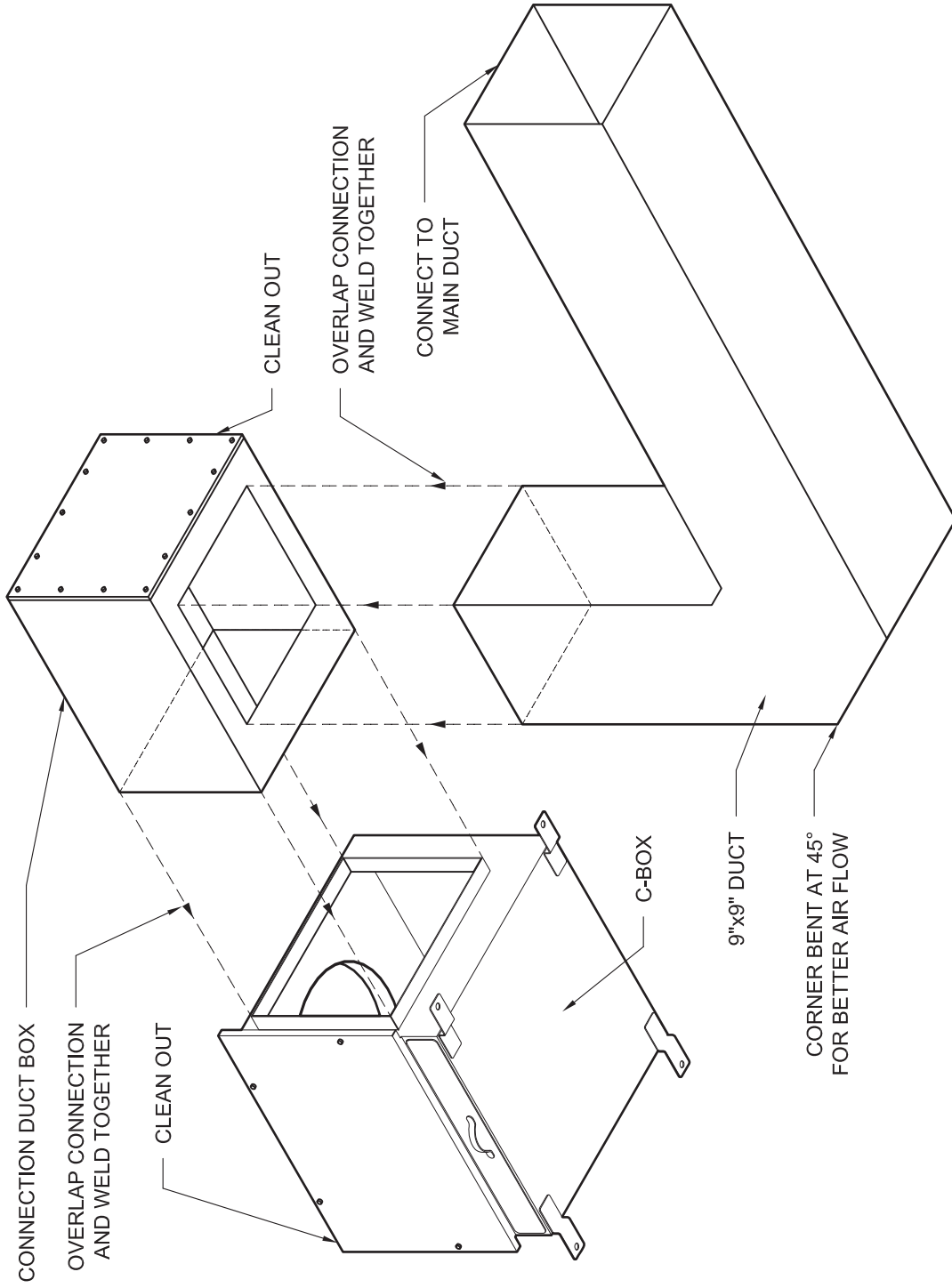




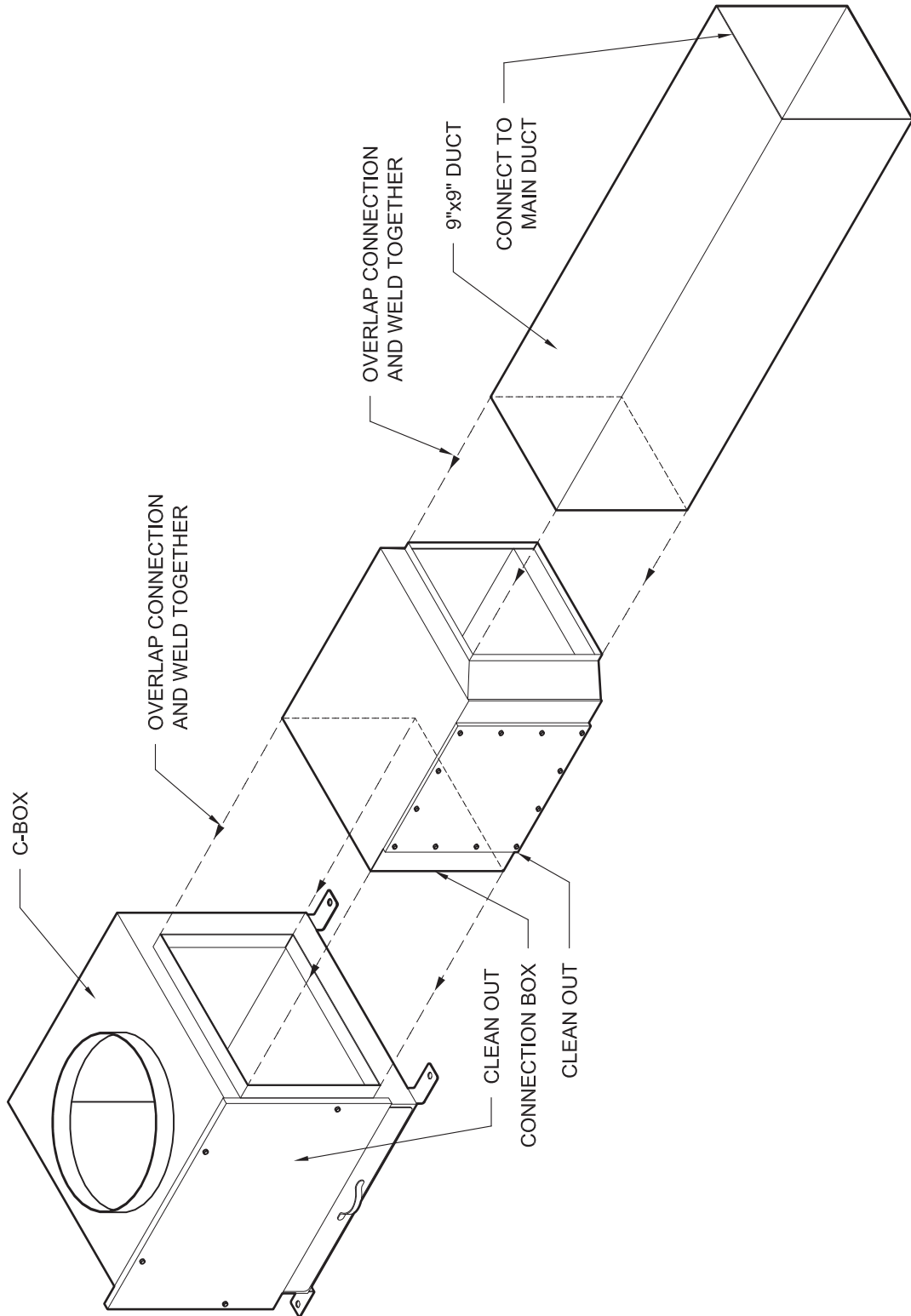


○ CONNECTION DIAGRAM (Ø10" DUCT UNDER THE FLOOR)

N.T.S.

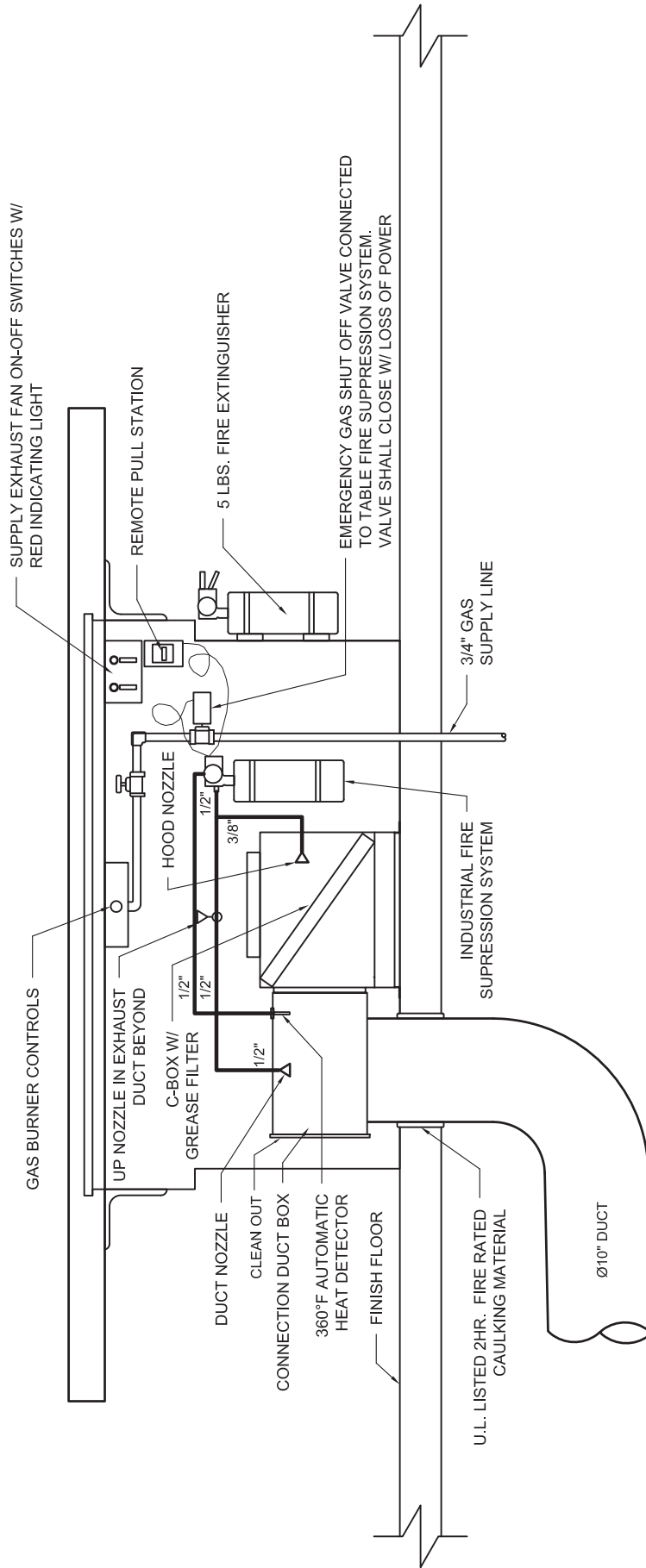


○ **CONNECTION DIAGRAM (9"x9" DUCT UNDER THE FLOOR)**
N.T.S.



○ **CONNECTION DIAGRAM (9"x9" DUCT ABOVE THE FLOOR)**

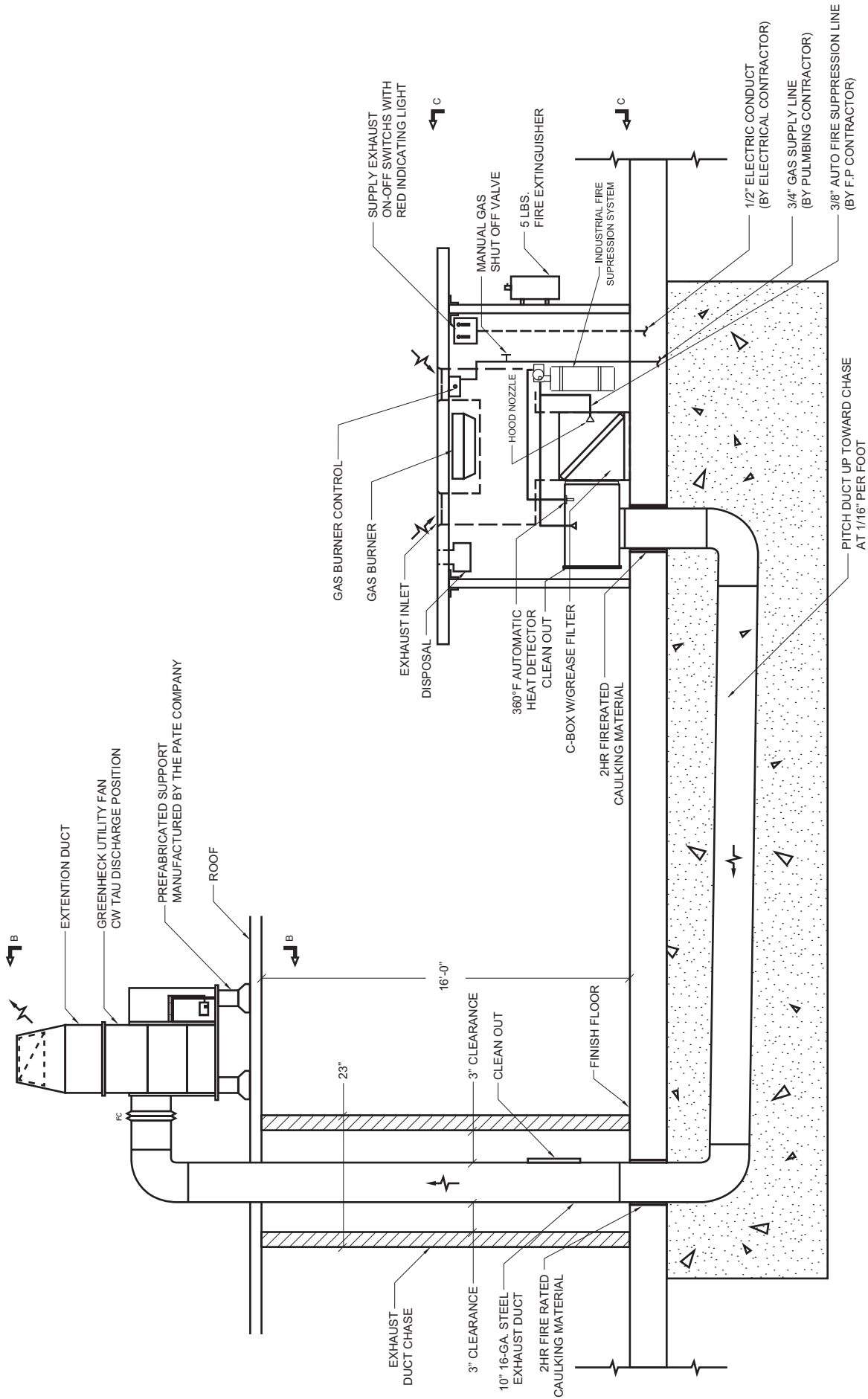
N.T.S.



FIRE SUPPRESSION SYSTEM DIAGRAM

N.T.S.

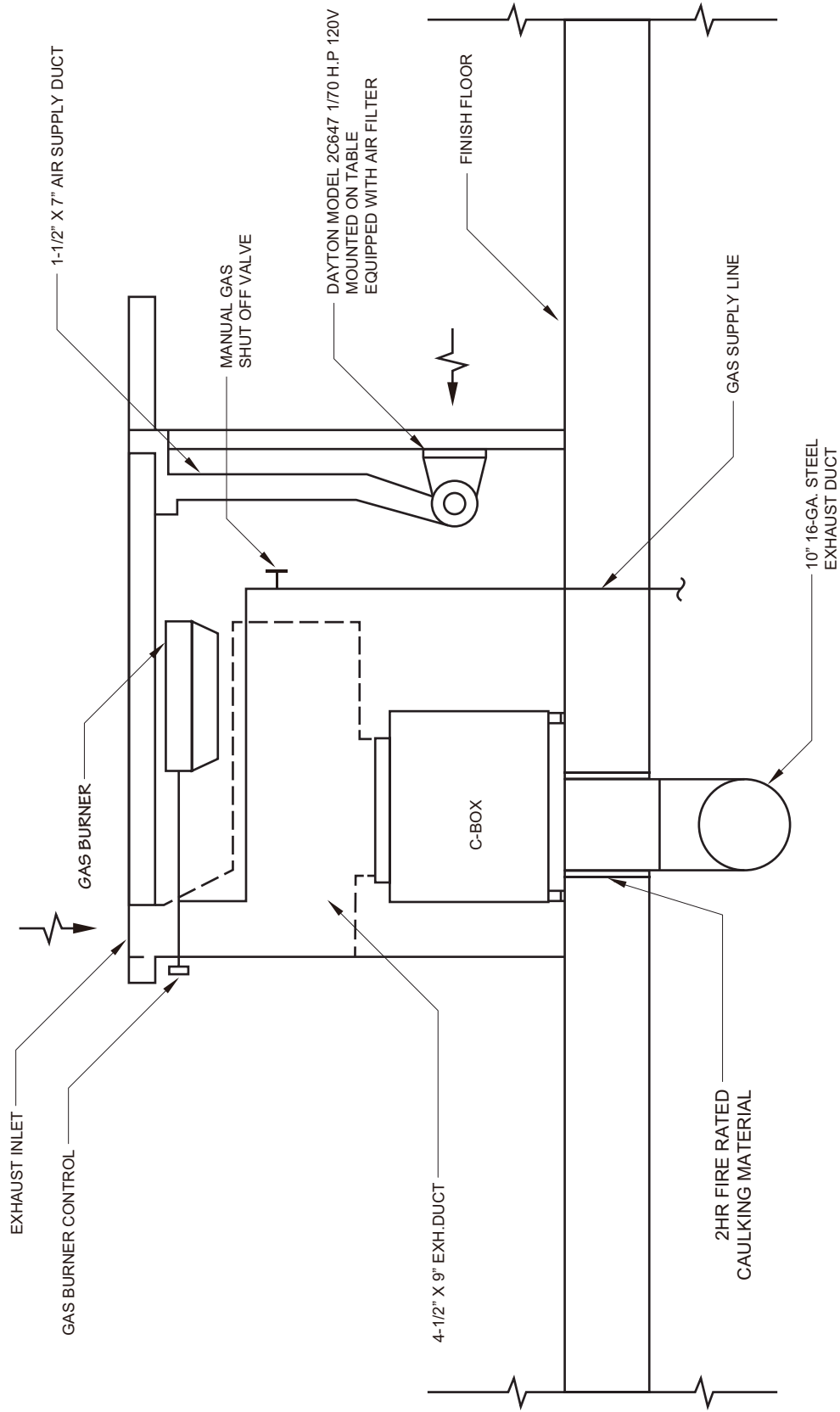




TYPICAL EXHAUST AIR FLOW DIAGRAM

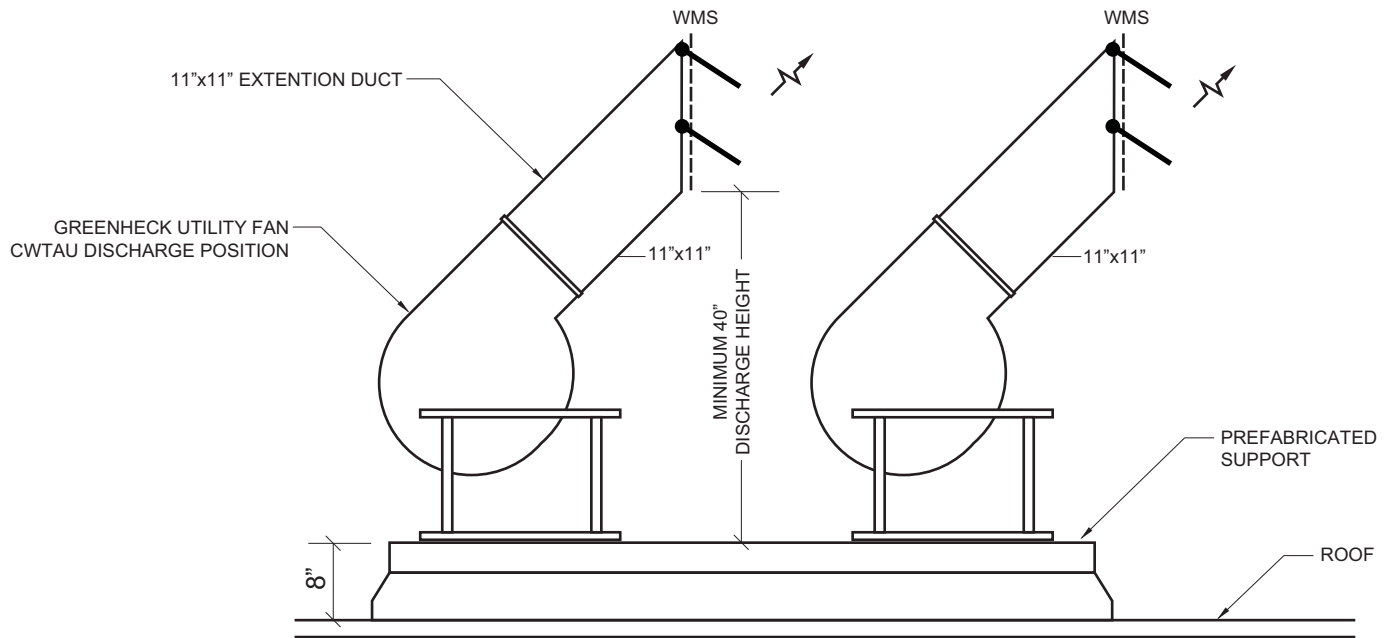
N.T.S.

1. ROOF EXHAUST FANS FOR HIBACHI TABLE SHALL BE MODEL SWB-10 BELT DRIVE CENTRIFUGAL UPBLAST UTILITY FAN UL 762 LISTED FOR GREASE REMOVAL WITH MAXIMUM OPERATING TEMPERATURE 375°F.
2. EACH FAN SHALL BE CONTROLLED AT THE HIBACHI TABLE WHICH IT SERVES.
3. INSTALL EXTENSION DUCT AT FAN DISCHARGE OUTLET, TERMINATED MINIMUM 40" ABOVE ROOF W/MESH SCREEN.

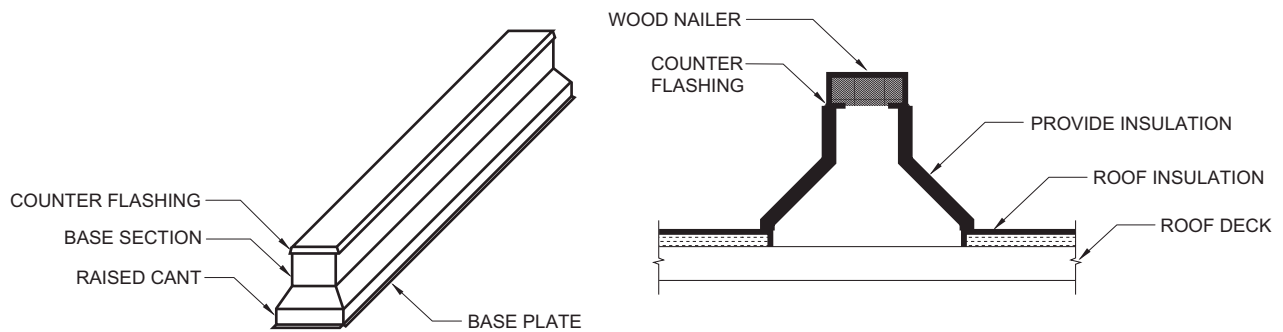


HIBACHI TABLE EXHAUST AIR FLOW DIAGRAM

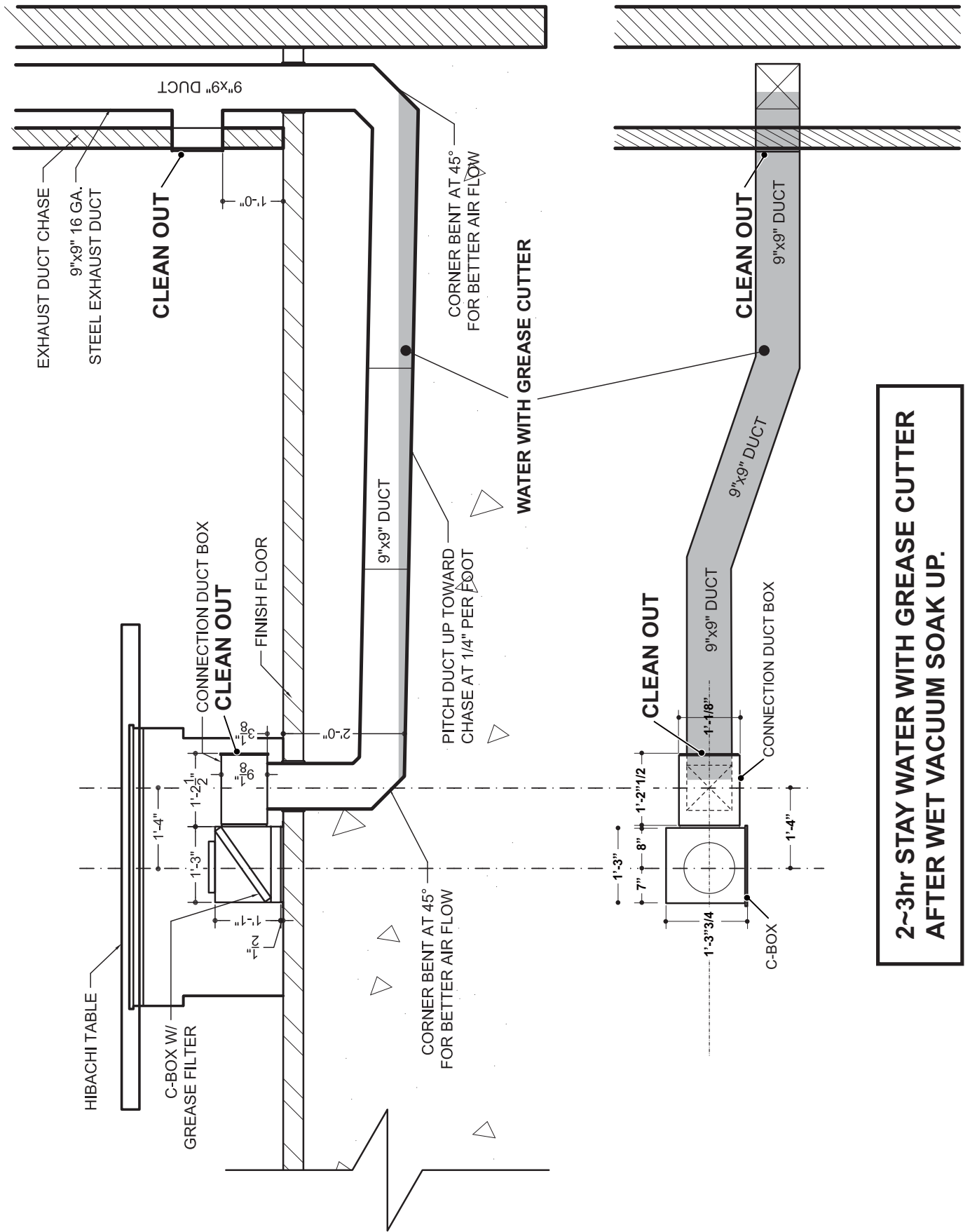
N.T.S.



1 SECTION B-B
N.T.S.



2 EQUIPMENT SUPPORT DETAILS
N.T.S.



**2~3hr STAY WATER WITH GREASE CUTTER
AFTER WET VACUUM SOAK UP.**

For more information on selecting commercial kitchen exhaust & supply ventilators, see page 3920.

Spark-Resistant Kitchen Exhaust Belt-Drive Blowers

Dayton

- UL-762 Listed for Restaurant Exhaust Appliances (YZHM)
- AMCA Class 1 performance
- Backward incline, nonoverloading aluminum wheels
- Clockwise wheel rotation
- Aluminum rub ring
- Heavy gauge steel housing
- Max. inlet air temperature: 300°F
- Max. ambient temperature: 104°F

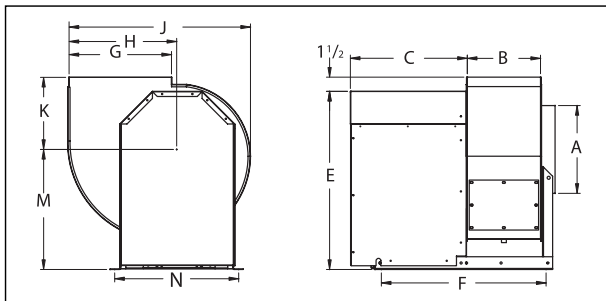
Designed for commercial kitchen exhaust or spark-resistant industrial applications requiring high volumes of air at high static pressures. Scroll can be rotated in 45° increments to 8 separate positions, and is shipped in upblast position. Bolted access door and 1" threaded drain

connection point provided on bottom of scroll for easy cleaning and grease collection. Powder coated with gray polyester urethane. Weather hood is included. Drive package components are packed separately.

WARNING: Use a hazardous location motor where flammable vapors are involved. Note: Review OSHA Codes. OSHA complying guards are required when fan blades are exposed and within reach of personnel.



Dayton Electric Mfg. Co. certifies that the blowers shown herein are licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and comply with the requirements of the AMCA Certified Ratings Program.



Wheel Diameter (In.)	Max. Blower RPM	Shaft Diameter (In.)	Dimensions (In.)										LESS DRIVE PACKAGE* Item No. \$ Each		
			A	B	C	E	F	G	H	J	K	M	N		
10	2103	3/4	11	8 1/4	15 1/2	22 1/4	20 3/8	11 1/4	11 1/2	20 1/2	8 1/2	15 1/2	16	1WBW7	✓ 946.00
13	2522	1	14	10 1/8	16 3/4	24 3/4	22 1/2	14 1/4	14 1/2	25 1/2	10 1/2	16 1/2	17 1/2	1WBW8	✓ 1167.00
16	2041	1 1/4	17 1/2	12 3/4	19 1/2	30	28 1/4	17 1/2	17 3/4	31	12 1/2	20 3/4	21 1/2	1WBW9	✓ 1436.00
20	1482	1 1/4	21 1/2	15 3/4	23 1/4	36 1/2	35	21 1/2	21 1/2	37 1/2	14 1/2	24 1/2	25 1/2	1WBX1	✓ 1680.00
24	1281	1 1/2	25 1/2	19	25	45 1/2	36	26	26 1/4	45 1/2	17 1/2	31 1/2	31 1/2	1WBX2	✓ 2058.00

(**) Drive package consists of appropriate motor, belt, and sheaves to obtain the performance listed.

Wheel Dia. (In.)	CFM Air Delivery @ Static Pressure Shown*								Blower RPM	Motor HP	Sones @ 0.750" SP	Max. BHP	Open Dripproof Single-Phase Motor 115/230V, 60 Hz		COMPLETE WITH DRIVE PACKAGE**		Hazardous Location 3-Phase Motor 230/460V, 60 Hz			
	0.250"	0.500"	0.750"	1.00"	1.50"	2.00"	2.50"	3.00"					Item No.	\$ Each	Item No.	\$ Each	Item No.	\$ Each	Item No.	\$ Each
10	1015	893	737	—	—	—	—	—	1400	1/4	7.4	0.15	7A915	1132.00	7A923	1201.00	—	—		
	1246	1158	1047	922	—	—	—	—	1670	1/4	9.5	0.25	7A917	1145.00	7A918	1319.00	7A924	1208.00	—	
	1383	1307	1215	1109	738	—	—	—	1833	1/3	11.1	0.33	7A919	1174.00	—	—	7A925	1220.00	7A077	1399.00
	1608	1542	1472	1389	1198	788	—	—	2103	1/2	14.1	0.50	7A921	1210.00	—	—	7A927	1204.00	—	—
	1861	1802	1744	1681	1528	1359	1112	—	2408	3/4	17.4	0.75	7A078	1250.00	—	—	7A079	1232.00	—	—
	2060	2005	1953	1900	1776	1629	1469	1237	2650	1	19.6	1.00	7A0U0	1280.00	—	—	7A0U1	1309.00	—	—
	2373	2323	2277	2232	2135	2024	1895	1764	3033	1 1/2	24	1.50	7A0U2	1333.00	—	—	7A0U3	1296.00	—	—
	2628	2582	2539	2498	2415	2322	2217	2100	3346	2	28	2.00	—	—	—	—	7A0U4	1324.00	—	—
	1671	1509	1309	—	—	—	—	—	1261	1/4	8.8	0.25	7F966	1354.00	7F967	1534.00	7F968	1423.00	—	—
	1862	1720	1559	1351	—	—	—	—	1384	1/3	10.2	0.33	7F969	1385.00	7F970	1550.00	7F971	1431.00	7F972	1638.00
2176	2056	1926	1783	1296	—	—	—	1589	1/2	12.7	0.50	7F973	1438.00	7F974	1568.00	7F975	1433.00	7F976	1635.00	
2522	2419	2311	2196	1929	1395	—	—	1819	3/4	16	0.75	7F977	1503.00	—	—	7F979	1485.00	7F980	1682.00	
2795	2703	2607	2507	2290	2011	—	—	2002	1	18.4	1.00	7F981	1504.00	—	—	7F983	1458.00	7A0U5	1708.00	
3224	3145	3062	2979	2801	2607	2367	2015	2292	1 1/2	22	1.50	7F985	1634.00	—	—	7F986	1558.00	—	—	
3562	3491	3418	3342	3186	3018	2837	2618	2522	2	25	2.00	7A0U6	1633.00	—	—	7F989	1594.00	—	—	
4105	4042	3980	3915	3783	3645	3500	3347	2892	3	32	3.00	—	—	—	—	7A0U7	1574.00	—	—	
2808	2600	2354	1988	—	—	—	—	1125	1/2	9.8	0.50	7F991	1713.00	7F992	1844.00	7F993	1708.00	7F994	1911.00	
3270	3093	2899	2677	1824	—	—	—	1288	3/4	12.2	0.75	7F999	1769.00	7C029	1944.00	7C030	1751.00	7C031	1949.00	
3633	3473	3312	3125	2631	—	—	—	1418	1	14.3	1.00	7C032	1804.00	7C033	1818.00	7C034	1757.00	7C035	2008.00	
4203	4066	3925	3782	3443	2973	—	—	1624	1 1/2	17.8	1.50	7C042	1867.00	7A0U8 †	2311.00	7C043	1772.00	7C044	2215.00	
4645	4521	4393	4268	3985	3647	3173	—	1785	2	20	2.00	7C045	1874.00	—	—	7C046	1795.00	7C047	2155.00	
4959	4844	4724	4604	4349	4061	3706	3201	1900	3	22	2.42	—	—	—	—	7C048	1904.00	—	—	
5344	5237	5127	5014	4797	4538	4250	3893	2041	3	24	3.00	—	—	—	—	7C050	1904.00	—	—	
6259	6168	6075	5981	5788	5604	5377	5148	2378	5	32	4.70	—	—	—	—	7A0U9	2037.00	—	—	
4164	3863	3506	3005	—	—	—	—	935	3/4	12.0	0.75	7C052	2003.00	7C054	2178.00	7C056	1985.00	7C057	2182.00	
4629	4362	4057	3703	—	—	—	—	1027	1	13.6	1.00	7C058	2033.00	7C059	2233.00	7C060	1986.00	7C061	2237.00	
5372	5138	4904	4627	3936	—	—	—	1176	1 1/2	16.7	1.50	7C087	2135.00	7A0V0 †	2548.00	7C088	2040.00	7C089	2483.00	
5960	5749	5537	5309	4782	3996	—	—	1295	2	19.3	2.00	7C090	2140.00	—	—	7C091	2061.00	7C092	2421.00	
6876	6695	6508	6324	5908	5435	4782	3335	1482	3	24	3.00	—	—	—	—	7C095	2131.00	7A0V1	2967.00	
8208	8057	7903	7745	7436	7079	6702	6257	1756	5	32	5.00	—	—	—	—	7A0V2	2188.00	7A0V3	3060.00	
9146	9010	8874	8733	8449	8173	7839	7500	1950	7 1/2	39	6.78	—	—	—	—	7A0V4	2467.00	—	—	
6075	5610	5051	4330	—	—	—	—	751	1	11.6	1.00	7C097	2491.00	7C098	2691.00	7C099	2444.00	7C100	2695.00	
7059	6674	6238	5738	3820	—	—	—	859	1 1/2	14.2	1.50	7C101	2522.00	7A0V5 †	2948.00	7C102	2427.00	7C103	2870.00	
7824	7485	7120	6692	5672	—	—	—	944	2	16.7	2.00	7C104	2501.00	—	—	7C105	2422.00	7C106	2782.00	
9045	8768	8452	8128	7361	6420	—	—	1081	3	21	3.00	—	—	—	—	7C109	2553.00	7C110	3389.00	
10813	10580	10339	10072	9512	8870	8155	7188	1281	5	30	5.00	—	—	—	—	7C113	2603.00	7C114	3468.00	
12461	12252	12048	11834	11369	10868	10312	9708	1468	7 1/2	35	7.50	—	—	—	—	7A0V6	2869.00	7A0V7	4136.00	
13516	13318	13129	12941	12518	12089	11595	11074	1588	10	40	9.42	—	—	—	—	7A0V8	2966.00	—	—	

(*) Performance certified is for installation type B: free inlet, ducted outlet. Power rating (BHP) does not include transmission losses. Performance ratings do not include the effects of appurtenances (accessories). The sound ratings shown are in sones and are calculated per AMCA Standard 301. Outlet ratings include the effects of duct and correction. The AMCA Certified ratings Seal applies to air performance ratings only. (†) Motor is rated 208-230/460V. (**) Drive package consists of appropriate motor, belt, and sheaves to obtain the performance listed.



Blower, 13 In, 3/4 HP, 115/208-230 Volts

Spark Resistant Blower, Belt Drive, Backward Incline. With Drive Package, Wheel Dia 13 In, CFM @ 0.250-In SP 2522, @ 0.500-In SP 2419, Sones @ 0.750-In SP @ 5 Ft 16, Voltage 115/208-230, 60 Hz, 1 Phase, Full Load Amps 11.0/5.5-5.5, Motor HP 3/4, Bearing Type Ball, Housing Height 27 1/4 In, Inlet Dia 14 In, Discharge Height 27 1/4 In, Discharge Width 10 5/8 In, Includes Weatherproof Drive Cover.

Grainger Item #	7F977
Price (ea.)	\$1,503.00
Brand	DAYTON
Mfr. Model #	7F977
Ship Qty.	1
Sell Qty. (Will-Call)	1
Ship Weight (lbs.)	185.45
Usually Ships	Today
Catalog Page No.	3777

Price shown may not reflect your price. Log in or register.

Additional Info

Spark-Resistant Kitchen Exhaust Belt-Drive Blowers

Designed for commercial kitchen exhaust or spark-resistant industrial applications requiring high volumes of air at high static pressures. Scroll can be rotated in 45 Degree increments to 8 separate positions, and is shipped in upblast position. Bolted access door and 1" threaded drain connection point provided on bottom of scroll for easy cleaning and grease collection. Powder coated with gray polyester urethane. Weather hood is included. Drive package components are packed separately.

- UL-762 Listed for Restaurant Exhaust Appliances (YZHW)
- AMCA Class 1 performance
- Backward incline, nonoverloading aluminum wheels
- Clockwise wheel rotation
- Aluminum rub ring
- Heavy gauge steel housing
- Max. inlet air temperature: 300 DegreeF
- Max. ambient temperature: 104 DegreeF

Tech Specs

Item: Spark Resistant Blower
Type: Belt Drive, Backward Incline, With Drive Package
Wheel Dia. (In.): 13
Wheel Type: Backward Incline
CFM @ 0.250-In. SP: 2522
CFM @ 0.500-In. SP: 2419
CFM @ 0.750-In. SP: 2311
CFM @ 1.000-In. SP: 2196
CFM @ 1.500-In. SP: 1929
CFM @ 2.00-In. SP: 1395
Sones @ 0.750-In. SP @ 5 Ft.: 16.0
Max. Inlet Temp. (Deg. F): 300
Max. Ambient Temp. (F): 104
Voltage: 115/208-230
Hz: 60
Phase: 1
Full Load Amps: 11.0/5.5-5.5
Motor HP: 3/4
Max. BHP: 0.75

Motor RPM: 1725
Motor Type: Capacitor Start, Capacitor Run
Motor Enclosure: Open Dripproof
Motor Insulation: Class B
Bearing Type: Ball
Shaft Dia. (In.): 1
Blower RPM: 1819
Max. Blower RPM: 2522
Housing Height (In.):
Housing Width (In.): 29 3/8
Housing Depth (In.): 25 1/2
Inlet Dia. (In.): 14
Discharge Height (In.):
Discharge Width (In.):
Wheel Material: Spark Resistant Aluminum
Mounting Position: Shaft Horizontal
Housing Material: Steel
Housing Finish: Gray Polyester Urethane
Agency Compliance:
Includes: Weatherproof Drive Cover

Optional Accessories

There are currently no optional accessories for this item.

Alternate Products

Blower, 13 In, 1 HP, 115/208-230 Volts



Item #: 7F981
Brand: DAYTON
Usually Ships: Today
Price (ea): \$1,504.00

Repair Parts

A Repair Part may be available for this item. Visit our Repair Parts Center or contact your local branch for more information.

Notes & Restrictions

Note: Review OSHA Codes. OSHA complying guards are required when fan blades are exposed and within reach of personnel. Dayton Electric Mfg. Co. certifies that the blowers shown herein are licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and comply with the requirements of the AMCA Certified Ratings Program.

WARNING: Use a hazardous location motor where flammable vapors are involved.

MSDS

This item does not require a **Material Safety Data Sheet (MSDS)**.

Required Accessories

There are currently no required accessories for this item.

POWER ROOF VENTILATORS

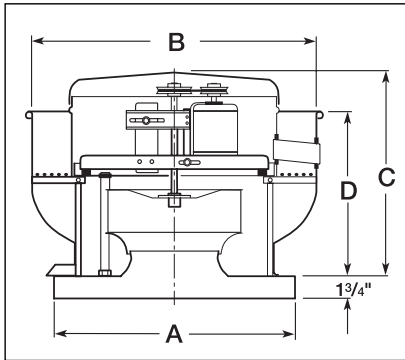
Belt-Drive Upblast Exhaust

For more information on selecting commercial kitchen exhaust & supply ventilators, see page 3920.

Centrifugal Belt-Drive Upblast Exhaust Ventilators



No. 4YY13



- Aluminum, backward inclined, nonoverloading centrifugal wheel design
- NEMA 1 junction box located in motor enclosure
- Max. inlet air temp.: 300°F
- UL 705 Listed for Power Ventilators
- Air handling quality bearings meet min. L10-100,000 hrs.
- Bearings—units less drive package: sealed pillow block up to 1 1/8" wheel dia., regreasable pillow block for 1 1/8" wheel dia. and larger
- Bearings—assembled units: sealed pillow block up to 1 1/2" wheel dia., regreasable pillow block for 2 1/4" wheel dia. and larger
- UL 762 Listed Restaurant Exhaust Equipment
- NFPA 96 requires the use of a ventilated roof curb, grease trap, and hinge kit in restaurant applications; for NFPA 96 accessories, see page 3742

Motor, drive frame, and blower wheel are isolated from the mounting base by independent neoprene studs—no metal-to-metal contact, greatly reducing overall noise. Motor compartment is isolated from the contaminated air stream and is cooled by outside air that is pulled in through an oversized breather tube by the spinning action of the wheel. Motors, sheaves, and belts are packed separately when unassembled ventilator with drive package is ordered. UL and C-UL Listed.

Specifically designed for applications that have high static pressure. Great for long vertical duct runs or complex duct runs with several elbows.

WARNING: Do not use a damper in any kitchen installation.

Dayton Electric Mfg. Co. certifies that the belt-drive ventilators shown herein are licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and AMCA Publication 311 and comply with the requirements of the AMCA Certified Ratings Program.



Disconnect Type	No. of Poles	Max. HP	Item No.
NEMA 1	2	2	1H400
	3	7 1/2	1H401
NEMA 4	2	2	1H408
	3	7 1/2	1H409

Wheel Dia. (In.)	Shaft Dia. (In.) Wheel End	Dimensions (In.)				Non-Kitchen Dampers*		RECOMMENDED ACCESSORIES			Item No.	\$ Each		
		A	B	C	D	Size (In.)	Item No.	Ventilated UL 762 Kitchen Roof Curbs Fixed Item No.	Adj. Item No.	Nonventilated Roof Curbs Fixed 12"H Item No.			Adj. 12"H Item No.	
Belt-Drive Upblast Centrifugal Roof Ventilators (Ventilator Less Drive Package**)														
11	3/4	19	24%	25%	17%	12 x 12	4HX64	4HX54	4HX61	2RB75	2ZV82	4YY13	✓	590.50
11 1/4	3/4	22	24%	25%	17%	15 x 15	4HX65	4HX55	4HX61	2RB76	2ZV82	4YY14	✓	697.00
13 1/4	3/4	22	24%	25%	17%	15 x 15	4HX65	4HX55	4HX61	2RB76	2ZV82	4YY15	✓	853.00
14 3/4	3/4	26	28%	26%	19%	19 x 19	4HX66	4HX56	4HX62	2RB77	2ZV83	4YY16	✓	948.50
16 1/2	3/4	26	28%	26%	19%	19 x 19	4HX66	4HX56	4HX62	2RB77	2ZV83	4YY17	✓	1062.00
18 1/2	3/4	30	35%	34%	21	23 x 23	4HX67	4HX57	4HX62	2RB79	2ZV83	4YY18	✓	1255.00
21 1/4	3/4	30	35%	34%	21	23 x 23	4HX67	4HX57	4HX62	2RB79	2ZV83	4YY19	✓	1374.00
24 1/2	1	34	42%	39 1/2	25 1/2	27 x 27	4HX68	4HX58	4HX63	2RB80	2ZV84	4YY20	✓	1631.00
30 1/2	1	42	50	40	29 1/4	35 x 35	4HX69	4HX59	4HX63	2RB81	2ZV85	4YY21	✓	2384.00
36	1 1/4	46	58%	44%	29 1/8	39 x 39	4HX70	4HX60	4HX63	2RB82	2ZV85	4YY22	✓	3193.00
High Pressure Belt-Drive Upblast Centrifugal Roof Ventilators (Ventilator Less Drive Package**)														
11 1/4	3/4	22	24%	25%	17%	15 x 15	4HX65	4HX55	4HX61	2RB76	2ZV82	2RB65	✓	593.00
14 3/4	3/4	26	28%	26%	19%	19 x 19	4HX66	4HX56	4HX62	2RB77	2ZV83	2RB66	✓	852.50
16 1/2	3/4	26	28%	26%	19%	19 x 19	4HX66	4HX56	4HX62	2RB77	2ZV83	1MBF1	✓	1002.00
21 1/4	3/4	30	35%	34%	21	23 x 23	4HX67	4HX57	4HX62	2RB79	2ZV83	1MBF2	✓	1294.00
Assembled Belt-Drive Upblast Centrifugal Roof Ventilators														
11	3/4	19	24%	25%	17%	12 x 12	4HX64	4HX54	4HX61	2RB75	2ZV82	1MBE6	✓	919.00
11 1/4	3/4	22	24%	25%	17%	15 x 15	4HX65	4HX55	4HX61	2RB76	2ZV82	1MBE7	✓	976.00
13 1/4	3/4	22	24%	25%	17%	15 x 15	4HX65	4HX55	4HX61	2RB76	2ZV82	1MBE8	✓	1073.00
14 3/4	3/4	26	28%	26%	19%	19 x 19	4HX66	4HX56	4HX62	2RB77	2ZV83	5PV06	✓	1276.00
16 1/2	3/4	26	28%	26%	19%	19 x 19	4HX66	4HX56	4HX62	2RB77	2ZV83	1MBE9	✓	1275.00
18 1/2	3/4	30	35%	34%	21	23 x 23	4HX67	4HX57	4HX62	2RB79	2ZV83	5PV07	✓	1582.00
21 1/4	3/4	30	35%	34%	21	23 x 23	4HX67	4HX57	4HX62	2RB79	2ZV83	5PV08	✓	1749.00
24 1/2	1	34	42%	39 1/2	25 1/2	27 x 27	4HX68	4HX58	4HX63	2RB80	2ZV84	3GY73	✓	1860.00
30 1/2	1	42	50	40	29 1/4	35 x 35	4HX69	4HX59	4HX63	2RB81	2ZV85	3GY74	✓	2670.00

(*) Not for use with any kitchen exhaust applications. (**) Drive package consists of appropriate motor, belts, and sheaves to obtain performance listed.

CONTINUED

POWER ROOF VENTILATORS

Belt-Drive Upblast Exhaust

CONTINUED

For more information on selecting commercial kitchen exhaust & supply ventilators, see page 3920.

Centrifugal Belt-Drive Upblast Exhaust Ventilators

Dayton®

Dia. (In.)	CFM Air Delivery @ Static Pressure Shown*						Motor HP	RPM	Max. BHP†	@ 5 Ft. SP#	Sones @ DRIVE	COMPLETE WITH DRIVE PACKAGE, UNASSEMBLED**				COMPLETE WITH DRIVE PACKAGE			
	0.000"	0.250"	0.500"	0.750"	1.000"	1.500"						Item No.	\$ Each	Item No.	\$ Each	Item No.	\$ Each	Item No.	\$ Each
Belt-Drive Upblast Centrifugal Ventilators with Drive Packages**																			
11	780	502	—	—	—	—	1/6	1140	0.06	8.3	4YY13 ✓	590.50	7A587	767.00	—	—	—	—	
	1180	1017	824	586	—	—	1/4	1725	0.20	13.0	—	—	7A588	767.50	—	—	1MBE6 ✓	919.00	
11½	1413	1313	1189	1056	861	—	1/4	1660	0.26	12.0	4YY14 ✓	697.00	7A593	873.50	—	—	—	—	
	1549	1459	1350	1234	1106	—	1/3	1820	0.35	13.4	—	—	7A594	894.50	—	—	1MBE7 ✓	976.00	
13¾	1790	1629	1458	1201	—	—	1/4	1305	0.26	13.9	4YY15 ✓	853.00	7A615	1042.00	—	—	—	—	
	1968	1822	1671	1479	1198	—	1/3	1435	0.35	15.1	—	—	7A616	1054.00	—	—	—	—	
14¾	2256	2128	2001	1864	1684	—	1/2	1645	0.52	17.4	—	—	7A617	1082.00	7A690	1111.00	1MBE8 ✓	1073.00	
	2001	1793	1515	998	—	—	1/4	1105	0.26	10.6	4YY16 ✓	948.50	7A618	1137.00	—	—	—	—	
16½	2192	2006	1773	1443	—	—	1/3	1210	0.34	11.7	—	—	7A619	1162.00	—	—	—	—	
	2518	2362	2174	1949	1643	—	1/2	1390	0.52	14.2	—	—	7A620	1193.00	7A691	1222.00	—	—	
18½	2889	2757	2602	2430	2225	1568	3/4	1595	0.79	18.5	4YY17 ✓	1062.00	7A621	1228.00	7A692	1261.00	5PV06 ✓	1276.00	
	3125	3005	2865	2711	2539	2085	1	1725	1.00	22	—	—	7A622	1294.00	7A693	1272.00	—	—	
21¼	2515	2177	1744	—	—	—	1/4	875	0.26	10.1	4YY18 ✓	1255.00	7YR05	1260.00	—	—	—	—	
	2774	2477	2109	1584	—	—	1/3	965	0.35	11.5	—	—	7A623	1268.00	—	—	—	—	
24½	3191	2941	2641	2297	1770	—	1/2	1110	0.54	14.2	—	—	7A624	1311.00	7A694	1340.00	—	—	
	3636	3426	3172	2894	2583	—	3/4	1265	0.79	17.7	—	—	7A625	1344.00	7A695	1361.00	—	—	
27¾	3996	3806	3584	3340	3078	2394	1	1390	1.05	21	—	—	7A626	1402.00	7A696	1380.00	1MBE9 ✓	1275.00	
	2815	2448	1763	—	—	—	1/4	745	0.26	8.1	4YY19 ✓	1374.00	7YR06	1477.00	—	—	—	—	
30¾	3098	2759	2257	—	—	—	1/3	820	0.34	10.0	—	—	7A627	1483.00	—	—	—	—	
	3551	3243	2879	2363	—	—	1/2	940	0.52	13.1	—	—	7A628	1499.00	7A697	1528.00	—	—	
33¾	4061	3786	3554	3141	2652	—	3/4	1075	0.78	15.8	4YY20 ✓	1631.00	7A629	1575.00	7A698	1556.00	—	—	
	4477	4224	4005	3703	3336	—	1	1185	1.04	17.1	—	—	7A630	1591.00	7A699	1570.00	5PV07 ✓	1582.00	
36	5138	4913	4710	4532	4232	3537	1½	1360	1.58	22	—	—	7A631	1663.00	7A700	1624.00	—	—	
	5648	5443	5254	5082	4921	4313	2	1495	2.10	27	—	—	—	7A701	1588.00	—	—	—	
39	3403	2675	—	—	—	—	1/4	605	0.26	6.7	4YY21 ✓	2384.00	7YR07	1573.00	—	—	—	—	
	3740	3096	2073	—	—	—	1/3	665	0.35	8.1	—	—	7A632	1627.00	—	—	—	—	
42	4275	3718	3048	—	—	—	1/2	760	0.52	10.9	—	—	7A633	1632.00	7A702	1661.00	—	—	
	4922	4439	3922	3240	—	—	3/4	875	0.79	15.2	—	—	7A634	1700.00	7A703	1696.00	—	—	
48	5400	4958	4508	3985	3169	—	1	960	1.04	17.7	—	—	7A635	1714.00	7A704	1691.00	—	—	
	6187	5798	5421	5006	4529	—	1½	1100	1.57	23	—	—	7A636	1795.00	7A705	1757.00	5PV08 ✓	1749.00	
54	6806	6451	6108	5748	5350	4289	2	1210	2.10	23	—	—	—	7A706	1712.00	—	—	—	
	4216	3188	—	—	—	—	1/4	465	0.26	6.3	4YY22 ✓	3193.00	7YR08	1929.00	—	—	—	—	
60	4623	3717	—	—	—	—	1/3	510	0.34	7.3	—	—	7A637	1847.00	—	—	—	—	
	5303	4540	3565	—	—	—	1/2	585	0.52	9.5	—	—	7A638	1910.00	7A707	1939.00	—	—	
66	6074	5461	4659	3524	—	—	3/4	670	0.79	12.8	4YY23 ✓	2384.00	7A639	1993.00	7A708	1975.00	—	—	
	6663	6133	5409	4618	—	—	1	735	1.04	15.5	—	—	7A640	2022.00	7A709	2000.00	—	—	
72	7660	7184	6615	6002	5282	—	1½	845	1.57	18.6	—	—	7A641	2048.00	7A710	2030.00	—	—	
	8431	7985	7536	6953	6375	4324	2	930	2.10	23	—	—	—	7A711	1989.00	—	—	3GY73 ✓	1860.00
78	9519	9107	8775	8267	7766	6672	3	1050	3.00	31	—	—	—	7A712	2103.00	—	—	—	
	5940	4464	—	—	—	—	1/3	365	0.34	5.7	4YY24 ✓	2384.00	7YR09	2702.00	—	—	—	—	
84	6835	5660	—	—	—	—	1/2	420	0.52	7.5	—	—	7A642	2695.00	7A713	2731.00	—	—	
	7811	6844	5440	—	—	—	3/4	480	0.77	9.9	—	—	7A643	2720.00	7A714	2701.00	—	—	
90	8625	7772	6636	—	—	—	1	530	1.05	12.2	4YY25 ✓	2384.00	7A644	2733.00	7A715	2712.00	—	—	
	9845	9127	8226	7084	—	—	1½	605	1.55	15.7	—	—	7A645	2846.00	7A716	2708.00	—	—	
96	10822	10193	9411	8495	7271	—	2	665	2.07	18.6	—	—	—	7A717	2772.00	—	—	—	
	12449	11904	11273	10554	9743	7352	3	765	3.15	23	—	—	—	7A718	2849.00	—	—	3GY74 ✓	2670.00
102	14727	14266	13788	13223	12614	11191	5	905	5.21	32	—	—	—	—	7A719	2977.00	—	—	—
	8631	6755	—	—	—	—	1/2	320	0.52	6.0	4YY26 ✓	3193.00	7YR10	3611.00	—	—	—	—	
108	9845	8299	5767	—	—	—	3/4	365	0.78	8.5	—	—	7A646	3626.00	7A719	3608.00	—	—	
	10789	9426	7575	—	—	—	1	400	1.02	11.1	—	—	7A647	3637.00	7A720	3615.00	—	—	
114	12408	11281	9814	7809	—	—	1½	460	1.55	15.8	—	—	7A648	3695.00	7A721	3657.00	—	—	
	13621	12602	11359	9878	—	—	2	505	2.06	19.8	—	—	—	7A722	3636.00	—	—	—	
120	15644	14769	13783	12597	11287	—	3	580	3.13	23	—	—	—	7A723	3698.00	—	—	—	
	18611	17884	17115	16236	15243	12985	5	690	5.26	28	—	—	—	7A724	3872.00	—	—	—	

(*) Performance certified is for installation type A: free inlet, free outlet. (†) Power rating (BHP) does not include transmission losses. Performance ratings do not include the effects of aperturancs (accessories). (#) The sound ratings shown are loudness values in fan sones at 5 ft. (1.5m) in a hemispherical free field calculated per AMCA Standard 301. Values shown are for installation type A: free inlet fan sone levels. The AMCA Certified Ratings Seal applies to sone ratings only. (**) Drive package consists of appropriate motor, belts, and sheaves to obtain performance listed.



Exhaust Vent,16 1/2 In

Exhaust Ventilator, Centrifugal Upblast With Drive Package, CFM @ 0.000-In SP 3996, @ 0.250-In SP 3806, 21 Sones @ 0.250-In SP, Roof Mounting Location, Base Width 26 In, Base Length 26 In, Overall Height 28 1/4 In, Max. Inlet Temp. 300 Deg. F, Motor Voltage 115/230, 1 Phase, Motor 1 HP, 1390 RPM, Wheel Dia 16 1/2 In, Application General/Kitchen, Includes NEMA 1 Junction Box

Grainger Item #	7A626
Price (ea.)	\$1,402.00
Brand	DAYTON
Mfr. Model #	7A626
Ship Qty.	1
Sell Qty. (Will-Call)	1
Ship Weight (lbs.)	98.61
Usually Ships	Today
Catalog Page No.	3745

Price shown may not reflect your price. Log in or register.

Additional Info

Centrifugal Belt-Drive Upblast Exhaust Ventilators

Tech Specs

Item: Exhaust Ventilator
 Type: Centrifugal Upblast With Drive Package
 Wheel Dia. (In.): 16 1/2
 Wheel Type: Backward Incline
 CFM @ 0.000-In. SP: 3996
 CFM @ 0.125-In. SP: 3901
 CFM @ 0.250-In. SP: 3806
 CFM @ 0.375-In. SP: 3698
 CFM @ 0.500-In. SP: 3584
 CFM @ 0.675-In. SP: 3464
 CFM @ 0.750-In. SP: 3340
 CFM @ 0.875-In. SP: 3213
 CFM @ 1.000-In. SP: 3078
 CFM @ 1.250-In. SP: 2785
 CFM @ 1.500-In. SP: 2394
 CFM Range: 2515 to 3996 @ 0.0" SP
 Sones @ 0.125-In. SP @ 5 Ft.: 21
 Sones @ 0.250-In. SP @ 5 Ft.: 21

Max. Inlet Temp. (Deg. F): 300
 Motor Voltage: 115/230
 Motor Hz: 60
 Phase: 1
 Bearing Type: Sealed
 Motor HP: 1
 Motor HP Range: 1/4 to 1
 Max. BHP: 1.05
 RPM: 1390
 RPM Range: 875 to 1390
 Speed Controllable: No
 Mounting Location: Roof
 Base Width (In.): 26
 Base Length (In.): 26
 Base Height (In.): 1 3/4
 Overall Height (In.): 28 1/4
 Overall Dia. (In.): 28 3/8
 Shaft Dia. Wheel End (In.): 3/4

Shaft Dia. Sheave End (In.): 3/4
 Housing Material: Spun Aluminum
 Wheel Material: Aluminum
 Agency Compliance: UL/cUL 705/762
 Requires: Roof Curb For New Installation
 Includes: NEMA 1 Junction Box
 Adj. 12 3/8"H Roof Curb Stock No.: 2ZV83
 Recommended 12 In. Fixed Curb Item No.: 2RB77
 Recommended 8 In. Fixed Curb Item No.: 4HX40
 Fixed UL 762 Kitchen Roof Curb Stock No.: 4HX56
 Adj. UL 762 Kitchen Roof Curb Stock No.: 4HX62
 Recommended Damper Size (In.): 19 x 19
 Recommended Damper Stock No.: 4HX66

Notes & Restrictions

There are currently no notes or restrictions for this item.

MSDS

This item does not require a **Material Safety Data Sheet (MSDS)**.

Repair Parts

A Repair Part may be available for this item. Visit our Repair Parts Center or contact your local branch for more information.

Alternate Products



Exhaust Vent,18 3/4 In




Item #: 5PV07
 Brand: DAYTON
 Usually Ships: Today
 Price (ea): \$1,582.00













Exhaust Vent,16 1/2 In

Item #: 7A625
 Brand: DAYTON
 Usually Ships: Today
 Price (ea): \$1,344.00

Required Accessories

 <p>Hinge Kit Item #: 4HX79 Brand: DAYTON Usually Ships: Today Price (ea): \$92.35</p>	 <p>Roof Curb, Adjustable Width Item #: 3C437 Brand: DAYTON Usually Ships: Today Price (ea): \$396.00</p>	 <p>Grease Trap, 7 In Width Item #: 4HX78 Brand: DAYTON Usually Ships: Today Price (ea): \$95.25</p>
 <p>Grease Trap, 7 In Width Item #: 4HX78 Brand: DAYTON Usually Ships: Today Price (ea): \$95.25</p>	 <p>Roof Curb, Adjustable Width Item #: 4C454 Brand: DAYTON Usually Ships: Today Price (ea): \$254.00</p>	 <p>Hinge Kit Item #: 4HX79 Brand: DAYTON Usually Ships: Today Price (ea): \$92.35</p>
 <p>Roof Curb, 12 In High Item #: 4HX48 Brand: DAYTON Usually Ships: Today Price (ea): \$231.00</p>	 <p>Roof Curb, 24 In High Item #: 4HX62 Brand: DAYTON Usually Ships: 1-3 Days Price (ea): \$597.00</p>	
 <p>Roof Curb, 8 In High Item #: 4HX40 Brand: DAYTON Usually Ships: Today Price (ea): \$183.00</p>	 <p>Roof Curb, 24 In High Item #: 4HX56 Brand: DAYTON Usually Ships: Today Price (ea): \$281.25</p>	

Optional Accessories

 <p>Hinge Kit Item #: 4HX79 Brand: DAYTON Usually Ships: Today Price (ea): \$92.35</p>	 <p>Switch, Manual, 2 Pole Item #: 1H400 Brand: SQUARE D Usually Ships: Today Price (ea): \$45.50</p>	 <p>Roof Curb, Fixed, 12 In H, 24 1/2 In OD Item #: 2RB77 Brand: DAYTON Usually Ships: Today Price (ea): \$124.00</p>
 <p>Grease Trap, 7 In Width Item #: 4HX78 Brand: DAYTON Usually Ships: Today Price (ea): \$95.25</p>	 <p>Switch, Manual, 2 Pole Item #: 1H408 Brand: SQUARE D Usually Ships: Today Price (ea): \$211.00</p>	 <p>Roof Curb, Adjustable Width Item #: 2ZV83 Brand: DAYTON Usually Ships: 1-3 Days Price (ea): \$357.00</p>
 <p>Damper, Roof Mount Item #: 4HX66 Brand: DAYTON Usually Ships: Today Price (ea): \$36.65</p>	 <p>Grease Trap, 7 In Width Item #: 4HX78 Brand: DAYTON Usually Ships: Today Price (ea): \$95.25</p>	
 <p>Birdscreen, 12 1/4 In Item #: 4YY79 Brand: DAYTON Usually Ships: Today Price (ea): \$25.55</p>	 <p>Hinge Kit Item #: 4HX79 Brand: DAYTON Usually Ships: Today Price (ea): \$92.35</p>	