

① Exhaust mushrooms > 2500 \$ 600 (100)

②

6 Exhaust Centrifugal Blower \$ 600

⑦ AHU 746 to 2452

How else you can get quality

All apart

previous way
2 2 guys for 4 hrs

350
50
400 ← 5% 1 hr
15%

Access Hatch 8' x 10' x 12' x 14'

3 x 4 = 12
4

(27) & (28)

SF surface area

\$ 5 / surface area
\$ 5

154
3 x 4 x 10 = 120

12 x 10 =

Crawl up
Access a

John

- ① Tent ✓
- ② ~~Glovebags~~ — \$300
- ③ 300
- ④ 400
- ⑤ 500
- ⑥ 600
- ⑦ $\xrightarrow{\quad}$ 500
- ⑧ 750
- ⑨ 1000

⑩

⑬ 500 ← Tent Extra

⑭ ~~200~~ 750

⑮ \$1000 ⑥
\$1200

⑳ 250

⑦ Exhaust units
metal casing ~~set~~ with
bar

②⑥ Most Disturb
darkest

WTC HVAC CLEANING UNIT PRICES

No	ITEMS	UNIT PRICE		
		SSC	BRANCH	
1	Tents	\$ 500	\$ 450.00 \$ 50.00	Each
2	Glovebags	\$ 350	\$ 225.00 \$ 125.00	Each
3	Exhaust (mushroom) fan unit(<500cfm)	\$ 300	\$ 250.00 \$ 50.00	Each
4	Exhaust (mushroom) fan unit(500 - 1500cfm)	\$ 500	\$ 300.00 \$ 200.00	Each
5	Exhaust (mushroom) fan unit(>1500 - 2500cfm)	\$ 750	\$ 350.00 \$ 400.00	Each
6	Exhaust mushroom) fan unit(>2500cfm)	\$ 1,000	\$ 400.00 \$ 600.00	Each
7	Exhaust Centrifugal Blower (<1000cfm)	\$ 1,000	\$ 220.00 \$ 780.00	Each
8	Exhaust Centrifugal Blower (>1000 - 2000cfm)	\$ 1,500	\$ 287.00 \$1,213.00	Each
9	Exhaust Centrifugal Blower (>2000cfm)	\$ 2,000	\$ 350.00 \$1,650.00	Each
✓ 10	Exhaust Riser (Includes Cleaning Grills)	\$ 200	\$ 190.00 \$ 10.00	Per Floor
11	Exhaust Branch Riser - horizontal runs(<6 feet)	N/C	\$ 155.00 #VALUE!	✗
12	Exhaust Branch Riser - horizontal runs(>6 feet)	\$ ✓ 200	\$ 95.00 \$ 105.00	Per 10 lin ft. increments (?)
13	Air handling unit (<1000cfm) <i>supply fan</i>	\$ 1,000	\$ 254.00 \$ 746.00	Each
14	Air handling unit (1000 - 2000cfm)	\$ 2,000	\$ 397.50 \$1,602.50	Each
15	Air handling unit (>2000 - 3000cfm)	\$ 3,000	\$ 547.50 \$2,452.50	Each
16	Package AC (< 5 Tons)	\$ 1,000	\$ 750.00 \$ 250.00	Each
17	Package AC - each additional 2.5 Tons	\$ 500	\$ 375.00 \$ 125.00	Each
18	Mech. Make-up Air (< 1000 cfm) <i>600</i>	TBD	\$ 525.00 #VALUE!	
19	Mech. Make-up Air (> 1000 cfm) <i>800</i>	TBD	\$ 825.00 #VALUE!	
20	Horizontal Supply/Return Duct < 5sf cross section	\$ 200	\$ 185.00 \$ 15.00	Per 10 lin ft increments
21	Horizontal Supply/Return Duct > 5sf cross section	\$ 300	\$ 185.00 \$ 115.00	Per 10 lin ft increments
22	Supply/Return Riser < 5sf cross section	\$ 200	\$ 185.00 \$ 15.00	Per Floor
23	Supply/Return Riser > 5sf cross section	\$ <i>23</i> (300)	\$ 185.00 \$ 115.00	Per Floor
24	Encapsulation	\$ <i>150</i> 100	\$ 215.00 \$ (115.00)	Per 10 lf/sf incriments
25	Access Hatches <i>B</i> (12")	\$ 50	\$ 35.00 \$ 15.00	Each
26	Outside Air Duct	\$ 200	\$ 75.00 \$ 125.00	Per 10 lf incriments ?
27	Outside Air Plenum	\$ 5	\$ 35.00 \$ (30.00)	Per sf
28	Outside Air Intake Grill	\$ 5	\$ 35.00 \$ (30.00)	Per sf
29	Package HVAC - Through wall	\$ 500	\$ 375.00 \$ 125.00	Each
30	Baseboard Heeting Fins	\$ <i>25</i> 25	\$ 35.00 \$ (10.00)	Per lf
31	Scaffold Set Up	\$ 100	\$ 150.00 \$ (50.00)	Per 5 ft section

500

WTC HVAC CLEANING UNIT PRICES

No	ITEMS	UNIT PRICE		
		SSC	BRANCH	
1	Tents	\$ 500	\$ 450.00	\$ 50.00 Each
2	Glovebags	\$ 350	\$ 225.00	\$ 125.00 Each
3	Exhaust (mushroom) fan unit(<500cfm)	\$ 300	\$ 250.00	\$ 50.00 Each
4	Exhaust (mushroom) fan unit(500 - 1500cfm)	\$ 500	\$ 300.00	\$ 200.00 Each
5	Exhaust (mushroom) fan unit(>1500 - 2500cfm)	\$ 750	\$ 350.00	\$ 400.00 Each
6	Exhaust mushroom) fan unit(>2500cfm)	\$ 1,000	\$ 400.00	\$ 600.00 Each
7	Exhaust Centrifugal Blower (<1000cfm)	\$ 1,000	\$ 220.00	\$ 780.00 Each
8	Exhaust Centrifugal Blower (>1000 - 2000cfm)	\$ 1,500	\$ 287.00	\$ 1,213.00 Each
9	Exhaust Centrifugal Blower (>2000cfm)	\$ 2,000	\$ 350.00	\$ 1,650.00 Each
10	Exhaust Riser (Includes Cleaning Grills)	\$ 200	\$ 190.00	\$ 10.00 Per Floor
11	Exhaust Branch Riser - horizontal runs(<6 feet)	N/C	\$ 155.00	#VALUE!
12	Exhaust Branch Riser - horizontal runs(>6 feet)	\$ 200	\$ 95.00	\$ 105.00 Per 10 lin ft. increments
13	Air handling unit (<1000cfm)	\$ 1,000	\$ 254.00	\$ 746.00 Each
14	Air handling unit (1000 - 2000cfm)	\$ 2,000	\$ 397.50	\$ 1,602.50 Each
15	Air handling unit (>2000 - 3000cfm)	\$ 3,000	\$ 547.50	\$ 2,452.50 Each
16	Package AC (< 5 Tons)	\$ 1,000	\$ 750.00	\$ 250.00 Each
17	Package AC - each additional 2.5 Tons	\$ 500	\$ 375.00	\$ 125.00 Each
18	Mech. Make-up Air (< 1000 cfm)	TBD	\$ 525.00	#VALUE!
19	Mech. Make-up Air (> 1000 cfm)	TBD	\$ 825.00	#VALUE!
20	Horizontal Supply/Return Duct < 5sf cross section	\$ 200	\$ 185.00	\$ 15.00 Per 10 lin ft increments
21	Horizontal Supply/Return Duct > 5sf cross section	\$ 300	\$ 185.00	\$ 115.00 Per 10 lin ft increments
22	Supply/Return Riser < 5sf cross section	\$ 200	\$ 185.00	\$ 15.00 Per Floor
23	Supply/Return Riser > 5sf cross section	\$ 300	\$ 185.00	\$ 115.00 Per Floor
24	Encapsulation	\$ 100	\$ 215.00	\$ (115.00) Per 10 lf/sf incriments
25	Access Hatches	\$ 50	\$ 35.00	\$ 15.00 Each
26	Outside Air Duct	\$ 200	\$ 75.00	\$ 125.00 Per 10 lf incriments
27	Outside Air Plenum	\$ 5	\$ 35.00	\$ (30.00) Per sf
28	Outside Air Intake Grill	\$ 5	\$ 35.00	\$ (30.00) Per sf
29	Package HVAC - Through wall	\$ 500	\$ 375.00	\$ 125.00 Each
30	Baseboard Heeting Fins	\$ 25	\$ 35.00	\$ (10.00) Per lf
31	Scaffold Set Up	\$ 100	\$ 150.00	\$ (50.00) Per 5 ft section

125

WTC HVAC CLEANING UNIT PRICES

No	ITEMS	UNIT PRICE	UNIT PRICE		VSEF*	
		SSC	BRANCH			
1	Tents	\$ ✓ 500	\$ 450.00	Each		
2	Glovebags	\$ ✓ 350	\$ 225.00	Each		
3	Exhaust (mushroom) fan unit(<500cfm)	\$ ✓ 300	\$ 250.00	Each	2.2	
4	Exhaust (mushroom) fan unit(500 - 1500cfm)	\$? 500	\$ 300.00	Each	2.2	
5	Exhaust (mushroom) fan unit(>1500 - 2500cfm)	\$? 750	\$ 350.00	Each	2.2	
→ 6	Exhaust mushroom) fan unit(>2500cfm)	\$ ✕ 1,000	\$ 400.00	Each	2.2	
→ 7	Exhaust Centrifugal Blower (<1000cfm)	\$ ✕ 1,000	\$ 220.00	Each	2.2	
8	Exhaust Centrifugal Blower (>1000 - 2000cfm)	\$ ✕ 1,500	\$ 287.00	Each	2.2	
9	Exhaust Centrifugal Blower (>2000cfm)	\$ ✕ 2,000	\$ 350.00	Each	2.2	
10	Exhaust Riser (Includes Cleaning Grills)	\$ ✓ 200	\$ 190.00	Per Floor		
11	Exhaust Branch Riser - horizontal runs(<6 feet)	N/C	\$ (155.00)	✕		
12	Exhaust Branch Riser - horizontal runs(>6 feet)	\$ ✓ 200	\$ 95.00	Per 10 lin ft. increments		
13	Air handling unit (<1000cfm)	\$ ✕ 1,000	\$ 254.00	Each	2.1	
14	Air handling unit (1000 - 2000cfm)	\$ ✕ 2,000	\$ 397.50	Each	2.1	
15	Air handling unit (>2000 - 3000cfm)	\$ ✕ 3,000	\$ 547.50	Each	2.1	
16	Package AC (< 5 Tons)	\$? 1,000	\$ 750.00	Each	2.1	
17	Package AC - each additional 2.5 Tons	\$ ✓ 500	\$ 375.00	Each	2.1	
18	Mech. Make-up Air (< 1000 cfm)	Call TBD	\$ 525.00		2.3	
19	Mech. Make-up Air (> 1000 cfm)	Call TBD	\$ 825.00		2.3	
20	Horizontal Supply/Return Duct < 5sf cross section	\$ ✓ 200	\$ 185.00	Per 10 lin ft increments	2.1	
21	Horizontal Supply/Return Duct > 5sf cross section	\$ ✓ 300	\$ 185.00	Per 10 lin ft increments	2.1	
22	Supply/Return Riser < 5sf cross section	\$ ✓ 200	\$ 185.00	Per Floor		includes diffusers & re
23	Supply/Return Riser > 5sf cross section	\$ ✓ 300	\$ 185.00	Per Floor		includes diffusers & re
24	Encapsulation	\$ ✓ 100	\$ 215.00	Per 10 lf/sf incriments		
25	Access Hatches	\$ ✓ 50	\$ 35.00	Each		
26	Outside Air Duct	\$? 200	\$ 75.00	Per 10 lf incriments	2.1	
27	Outside Air Plenum	\$? 5	\$ 35.00	Per sf	2.1	
28	Outside Air Intake Grill	\$? 5	\$ 35.00	Per sf	2.1	
29	Package HVAC - Through wall	500	\$ 375.00	Each		
30	Baseboard Heeting Fins	25	\$ 35.00	Per lf		
31	Scaffold Set Up	\$? ✕ 100	\$ 150.00	Per 5 ft section		

WTC HVAC CLEANING UNIT PRICES

No	ITEMS	UNIT PRICE		VSEF*	
1	Tents	\$ 450.00	Each		
2	Glovebags	\$ 225.00	Each		
3	Exhaust (mushroom) fan unit(<500cfm)	\$ 250.00	Each	2.2	
4	Exhaust (mushroom) fan unit(500 - 1500cfm)	\$ 300.00	Each	2.2	
5	Exhaust (mushroom) fan unit(>1500 - 2500cfm)	\$ 350.00	Each	2.2	
6	Exhaust mushroom fan unit(>2500cfm)	\$ 400.00	Each	2.2	
7	Exhaust Centrifugal Blower (<1000cfm)	\$ 220.00	Each	2.2	
8	Exhaust Centrifugal Blower (>1000 - 2000cfm)	\$ 287.00	Each	2.2	
9	Exhaust Centrifugal Blower (>2000cfm)	\$ 350.00	Each	2.2	
10	Exhaust Riser (Includes Cleaning Grills)	\$ 190.00	Per Floor		
11	Exhaust Branch Riser - horizontal runs(<6 feet)	\$ 155.00			
12	Exhaust Branch Riser - horizontal runs(>6 feet)	\$ 95.00	Per 10 lin ft. increments		
13	Air handling unit (<1000cfm)	\$ 254.00	Each	2.1	
14	Air handling unit (1000 - 2000cfm)	\$ 397.50	Each	2.1	
15	Air handling unit (>2000 - 3000cfm)	\$ 547.50	Each	2.1	
16	Package AC (< 5 Tons)	\$ 750.00	Each	2.1	
17	Package AC - each additional 2.5 Tons	\$ 375.00	Each	2.1	
18	Mech. Make-up Air (< 1000 cfm)	\$ 525.00		2.3	
19	Mech. Make-up Air (> 1000 cfm)	\$ 825.00		2.3	
20	Horizontal Supply/Return Duct < 5sf cross section	\$ 185.00	Per 10 lin ft increments	2.1	
21	Horizontal Supply/Return Duct > 5sf cross section	\$ 185.00	Per 10 lin ft increments	2.1	
22	Supply/Return Riser < 5sf cross section	\$ 185.00	Per Floor		includes diffusers & registers
23	Supply/Return Riser > 5sf cross section	\$ 185.00	Per Floor		includes diffusers & registers
24	Encapsulation	\$ 215.00	Per 10 lf/sf increments		
25	Access Hatches	\$ 35.00	Per Door		
26	Outside Air Duct	\$ 75.00	Per 10 lf increments	2.1	
27	Outside Air Plenum	\$ 35.00	Per sf	2.1	
28	Outside Air Intake Grill	\$ 35.00	Per sf	2.1	
29	Package HVAC - Through wall	\$ 375.00	Each		
30	Baseboard Heating Fins	\$ 35.00	Per lf		
31	Scaffold Set Up	\$ 150.00	Per 5 ft section		

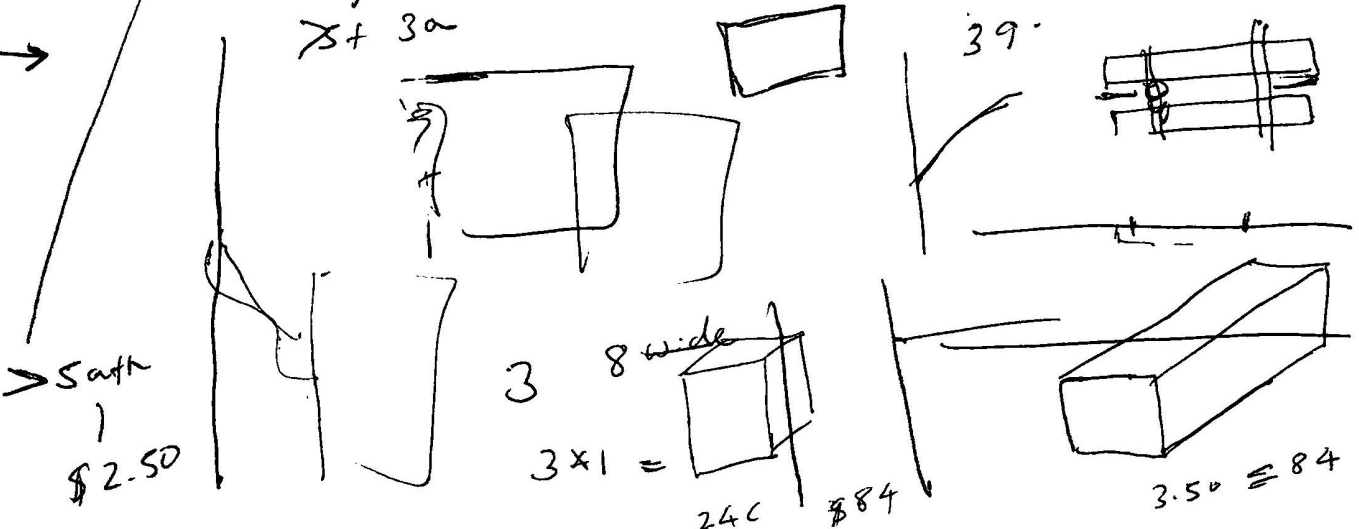
Ventilation System Equipment

WTC HVAC CLEANING UNIT PRICES

ITEMS	UNIT PRICE
Tents	\$ 500 Each
Glovebags	\$ 350 Each
Mushroom Exhaust (<500cfm)	\$ 300 Each
Mushroom Exhaust (500 - 1500cfm)	\$ 500 Each
Mushroom Exhaust (>1500 - 2500cfm)	\$ 750 Each
Mushroom Exhaust (>2500cfm)	\$ 1,000 Each
Single Inlet Centrifugal Blower (<1000cfm)	\$ 1,000 Each
Single Inlet Centrifugal Blower (>1000 - 2000cfm)	\$ 1,500 Each
Single Inlet Centrifugal Blower (>2000cfm)	\$ 2,000 Each
Exhaust Riser (Includes Cleaning Grills)	\$ 200 Per Floor
Exhaust Branch Riser (<6 feet)	N/C
Exhaust Branch Riser (>6 feet) (Horizontal run)	\$ 200 Per 10 lf increments
Supply Fan (<1000cfm)	\$ 1,000 Each
Supply Fan (1000 - 2000cfm)	\$ 2,000 Each
Supply Fan (>2000 - 3000cfm)	\$ 3,000 Each
Package AC (50K or less BTU) Root N Ceiling	\$ 1,000 Each
Package AC - each additional 50K BTU	\$ 500 Each
Heating Coils - Add to AC pricing	\$ 500 50K BTU
Heating Units - Similar to AC pricing	
Horizontal Supply/Return Duct < 5sf	\$ 200 Per 10 lf increments
Horizontal Supply/Return Duct > 5sf	\$ 300 Per 10 lf increments
Supply/Return Riser < 5sf	\$ 200 Per Floor
Supply/Return Riser > 5sf	\$ 300 Per Floor
Encapsulation	\$ 100 Per 10 lf/sf increments
Access Hatches → Compression plate	\$ 50 Each
Fresh Air Duct < 5sf	\$ 200 Per 10 lf increments
Fresh Air Plenum ≤ 500 cu ft	\$ 3.05 Per cu ft
Fresh Air Intake Grill	\$ 5 Per sf
Scaffold Set Up	\$ 100 Per 5 ft section



X
X
✓
✓



No	ITEMS	UNIT PRICE	VSEF*	
1	Tents			
WTC HVAC CLEANING				
2	Glovebags	\$ 300 Each		
3	Exhaust (mushroom) fan unit(<500cfm)	\$ 300 Each	2.2	
4	Exhaust (mushroom) fan unit(500 - 1500cfm)	\$ 400 Each	2.2	
5	Exhaust (mushroom) fan unit(>1500 - 2500cfm)	\$ 500 Each	2.2	
6	Exhaust mushroom) fan unit(>2500cfm)	\$ 600 Each	2.2	
7	Exhaust Centrifugal Blower (<1000cfm)	\$ 500 Each	2.2	
8	Exhaust Centrifugal Blower (>1000 - 2000cfm)	\$ 750 Each	2.2	
9	Exhaust Centrifugal Blower (>2000cfm)	\$ 1,000 Each	2.2	
10	Exhaust Riser (Includes Cleaning Grills)	\$ 200 Per Floor		
11	Exhaust Branch Riser - horizontal runs(<6 feet)	N/C		
12	Exhaust Branch Riser - horizontal runs(>6 feet)	\$ 200 Per 10 lin ft. increments		
13	Air handling unit (<1000cfm)	\$ 500 Each	2.1	
14	Air handling unit (1000 - 2000cfm)	\$ 750 Each	2.1	
15	Air handling unit (>2000 - 3000cfm)	\$ 1,000 Each	2.1	
16	Package AC (< 5 Tons)	\$ 1,000 Each	2.1	
17	Package AC - each additional 2.5 Tons	\$ 500 Each	2.1	
18	Mech. Make-up Air (< 1000 cfm)	\$ 600	2.3	
19	Mech. Make-up Air (> 1000 cfm)	\$ 900	2.3	
20	Horizontal Supply/Return Duct < 5sf cross section	\$ 200 Per 10 lin ft increments	2.1	
21	Horizontal Supply/Return Duct > 5sf cross section	\$ 250 Per 10 lin ft increments	2.1	
22	Supply/Return Riser < 5sf cross section	\$ 200 Per Floor		includes diffusers & registers
23	Supply/Return Riser > 5sf cross section	\$ 250 Per Floor		includes diffusers & registers
24	Encapsulation	\$ 150 Per 10 lf/sf incriments		
25	Access Hatches	\$ 50 Each		
26	Outside Air Duct	\$ 200 Per 10 lf incriments	2.1	
27	Outside Air Plenum	\$ 5 Per sf surface area	2.1	
28	Outside Air Intake Grill	\$ 5 Per sf	2.1	
29	Package HVAC - Through wall	\$ 500 Each		
30	Baseboard Heeting Fins	\$ 25 Per lf		
31	Scaffold Set Up	\$ 100 Per 5 ft section		

* VENTILATION SYSTEM EVALUATION FORM

2.1 Central Ventilation System Visual Inspection Form

2.2 Mechanical Exhaust System Visual Inspection Form

2.3 Mechanical Make-up Air system Visual Inspection Form

TERMON CONSTRUCTION INC.
BUDGET ESTIMATE HVAC CLEANING
300 ALBANY STREET

EXHAUSTS	FAN UNIT	HORIZ DUCTS	RISERS (Floors)	TENTS	ACCESS HATCHES	ENCAP	SCAFFOLD	TOTAL
	Skill Aire	70 lf		2	2	20lf		
	McQuay	10 lf	9	3	3	25lf		
17			125					
17	2	8	134	5	5	4.5		
400	1000	200	200	500	50	150	200	
6800	2000	1600	26800	2500	250	675	200	\$ 40,825