

COMBINED PRICE LIST FOR GLASS STUDIO

(Prices effective December, 1965)

ONE MAN STUDIO:

Tools	\$200.00
Furnace	125.00
Pot Furnace	40.29
Glory Hole	38.00
Two Annealing Ovens	252.00
Two Johnson Blowers (#1204)	220.00
Hood, Fan, & Motor	300.00
Glass (+ Freight) 700 lbs.	120.00
Total	<u>\$1295.29</u>

TWO MAN STUDIO:

(additional expenses)

Tools	\$132.00
One Oven	126.00
Glass	120.00
Total	368.00
	<u>1295.29</u>
Total	<u>\$1673.29</u>

ADDITIONAL EXPENSES INCURRED:

- Gas line installation: Pipes, valves, fittings, and meter
- Electric service installation and inspection: 110 volt, three 30 amp circuits, etc.
- Gas and electric bills during operation
- Building rent and maintenance (minimum space for one man is 1000 sq. ft.)
- The building must not be a fire hazard, should have high ceiling, dirt or concrete floor, windows, etc.

TOOLS:

3 Blow Pipes	\$14.00 ea.	\$42.00
5 Punties*.	1.00 ea.	5.00
2 Jacks	14.00 ea.	28.00
1 Pair Shears		5.00
1 Pipe Rest		15.00
2 Yokes	15.00 ea.	30.00
1 Glassworker's Bench		45.00
2 Water Falls	2.00 ea.	4.00
1 Cullet Box		10.00
1 Marvering Table		10.00
2 Pairs Asbestos Mittens		6.00
3 Blocks, 3 Paddles, Sticks, etc.		<u>Homemade</u>
	Total	200.00

* 5/16" & 1/2" cold rolled steel rod

FURNACE:*

Bricks;

G-23 9" straights -- 125 at 35¢ ea.	\$43.75
Crystalite or Mul-8 9" #1 splits -- 15 at \$2.30 ea.	34.50
Two slabs 1 x 12 x 12 at 80¢ ea.	1.60
16 #1 five brick splits at 22¢ ea.	3.52
Angle Iron - 15' of 1/8" x 1" x 1" at 11¢/ft.	1.65
Tie Rods - 19' of 1/4" rod at 13¢/ft.	2.47
Burner Parts	25.00
Transite (side, back, and floor) 27 sq. ft. at 35¢/sq.ft.	9.45
Concrete Blocks - 12 at 30¢ ea.	3.60
	<u>\$124.94</u>

*see plan for "Madison Glass Lab Furnace" built January 8, 1966

POT FURNACE:

Bricks;

25 G-23 9" straights at 35¢ ea.	\$ 8.55
12 #1 fire brick splits at 22¢ ea.	2.64
Angle Iron - 5' of 1/8" x 1" x 1" at 11¢/ft.60
Tie Rods - 10' 10' at 15¢/ft.	1.50
Burner Parts	25.00
Transite - 4 sq. ft. at 35¢/sq. ft.	1.40
Concrete Blocks - 2 at 30¢ ea.60
12 Crucibles	<u>Handmade</u>
	\$40.29

GLORY HOLE:

35 Gallon Drum	\$ 5.00
50 lbs. Castable	5.00
Burner Parts	25.00
10 Concrete Blocks	3.00
	<u>\$38.00</u>

ANNEALING OVEN:

Bricks;

G-23 9" straights 104 at 35¢ ea.	\$36.40
Block Insulation - 24 bd. ft., 2" thick at \$20/48 bd. ft.	10.00
Angle Iron - 24' of 1/8" x 1" x 1" at 11¢/ft.	3.00
12' of 1/4" x 1" x 1" at 22¢/ft.	2.50
Tie Rods - 20' 1/4" threaded rod at 15¢/ft.	3.00
Transite - 12 sq. ft. at 35¢/sq. ft.	4.20
Concrete Blocks - 4 at 30¢ ea.	1.20
2 Kiln Elements (electric) - at \$5.20 ea.	10.40
1 Thermocouple and Pyrometer	30.00
Switches, wire, circuit breaker, etc.	25.00
	<u>\$125.70</u>

COMBINED PRICE LIST FOR GLASS STUDIO

A. Furnace (Two Needed)	\$125.14 ea.	\$252.28
B. Glory Hole		40.00
C. Annealing Oven		125.56
D. Johnson #120 ⁴ Blower (Three Needed)	110.00 ea.	330.00
E. Glassworking Bench		6.11
F. Marvering Table		10.00
G. Pipe Rest		1.60
H. Yoke (Two Needed)	1.20 ea.	<u>2.40</u>
	TOTAL	<u>\$767.95</u> =====

A. FURNACE (Two Needed)

125 Firebricks 2300° F. G-23 9" Straights	(35¢ ea.)	\$43.75
15 Crystolite (or mulite-8) 9" #1 splits	(2.30 ea.)	34.50
2 Fire Brick slabs 1"x 12" x 12"	(80¢ ea.)	1.60
16 #1 Fire Brick splits	(22¢ ea.)	3.52
15 ft. Angle Iron 1/8" x 2" x 2"	(11¢ ft.)	1.65
19 ft. Tie Rods 1/4" threaded rod	(13¢ ft.)	2.47
Burner Parts		25.00
27 sq. ft. Transite	(35¢ sq. ft.)	10.05
12 Concrete Blocks	(30¢ ea.)	<u>3.60</u>
		126.14
		<u>2</u>
	TOTAL	<u>\$252.28</u> =====

B. GLORY HOLE

50 Gallon Drum		\$ 5.00
Insulated Fibre Lining - 24 board feet (42¢ bd. ft.)		10.00
Burner Parts		<u>25.00</u>
	TOTAL	\$ 40.00 =====

C. ANNEALING OVEN

104 Fire Bricks 2300° F G-23 9" Straights (35¢ ea.)	\$36.40
24 Bd. Ft. Block Insulation 2" thick (42¢ bd. ft.)	10.08
24 Ft. Angle Iron 1/8" x 1" (11¢ ft.)	2.64
12 Ft. Angle Iron 1/4" x 1" x 1" (22¢ ft.)	2.64
20 Ft. Tie Rods 1/4" Threaded Rod (15¢ ft.)	3.00
12 Sq. Ft. Transite (35¢ sq. ft.)	4.20
4 Concrete Blocks (30¢ ea.)	1.20
2 Kin Elements - Electric (5.20 ea.)	10.40
1 Thermocouple and Pyrometer	30.00
Switches, Wire, Circuit Breaker, etc.	25.00

TOTAL \$125.56
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D. JOHNSON BLOWERS #1204 \$110.00ea. \$330.00
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E. GLASSWORKING BENCH

35 Ft. 2" x 4" Lumber (10¢ ft.)	3.50
2 Sq. Ft. Transite (35¢ sq. ft.)	.70
6 Ft. Angle Iron 1/8" x 1" x 1" (11¢ ft.)	.66
Nuts and Bolts	1.25

TOTAL \$6.11
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F. MARVERING TABLE

Sheet Iron 1/2" x 18" x 12" \$10.00
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G. PIPE REST

8 Ft. x 1/2" Cold Rolled Steel Rod (20¢ ft.) \$1.60
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H. YOKE (Two Needed)

6 Ft. x 1/2" Cold Rolled Steel Rod (20¢ ft.) \$1.20
2
\$2.40
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ADDITIONAL EXPENSES INCURRED

Gas Line Installation: Pipes, Valves, Fittings, Meter,
Installation Labor
Gas and Electric Bill During Operation
Glass - 1000 lbs. (Approx. 17¢ per lb.) \$170.00
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AVAILABLE TOOLS, MATERIALS, ETC.

Electric Service Installation: 110 volt; three 30 amp circuits, etc.	
Building Rent 7 Maintenance	
Grinding Wheel or Belt Sander	\$300.00
Glass Cutter (Carborandum Blade)	300.00
Blow Pipe	14.00
3 Punties 5/16" x 5 ft. cold rolled steel (\$1.00 ea.)	3.00
Jacks	14.00
Shears	5.00
Water Falls	-
Asbestos Mittens	6.00
Blocks, Paddles, Sticks, etc.	Homemade
Hood, Fan, and Motor	300.00

OCTOBER 2, 1967