

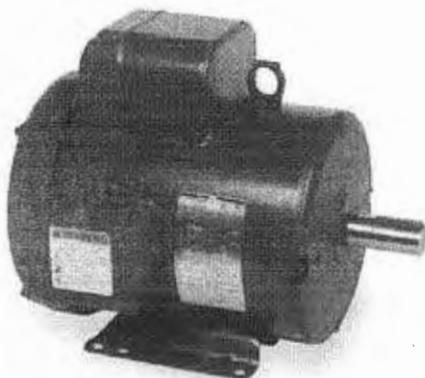
P.O. 9042-5205
Chesapeake Machine Co

410-391-9000



1052863760

Print printed March 10, 2008



Motor, 3 HP, General

Capacitor-Start, Capacitor-Run Motor, Totally Enclosed Fan-Cooled, HP 3, RPM 1740, Voltage 115/230 V, NEMA Frame 184T, Service Factor 1.00, Frequency 60 Hz, Mounting Rigid, Bearings Double Shielded Ball, Thermal Protection None, Full Load Amps 30.0/15.0

Grainger Item #	5K967
Price (ea.)	\$460.75 414.68
Brand	DAYTON
Mfr. Model #	5K967
Ship Qty.	1
Sell Qty. (Will-Call)	1
Ship Weight (lbs.)	71.0
Usually Ships	Today
Catalog Page No.	13

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

Additional Info

Capacitor-Start Totally Enclosed Fan-Cooled Rigid Mount Motors

Rugged motors work in noncombustible, dusty, dirty areas on pumps, air compressors, machinery, fans, blowers, tools, and conveyors.

NEMA 56HZ frame motors have 7/8 x 2 1/4" shaft and mounting base holes/slots to match NEMA 56, 56H, 143T, and 145T frame motors. GE motors are UL Recognized (E14133) and CSA Certified (MC161850). Dayton motors are UL Recognized (E47479) and CSA Certified (225293 and 701848).

- Ambient: 40 DegreeC
- Bearings: Double-shielded ball
- Rotation: CW/CCW

Tech Specs

Item: General Purpose Motor
 Motor Type: Capacitor-Start, Capacitor-Run
 Enclosure: Totally Enclosed Fan-Cooled
 HP: 3
 Nameplate RPM: 1740
 NEMA/IEC Frame: 184T
 Voltage: 115/230
 Hz: 60
 Phase: 1
 Full Load Amps: 30.0/15.0
 Mounting: Base
 Thermal Protection: None
 Insulation Class: F
 Service Factor: 1.00

Optional Accessories

Motor Mounting Bracket



Item #: 3K343
 Brand: DAYTON
 Usually Ships: Limited Supply
 Price (ea): \$16.25

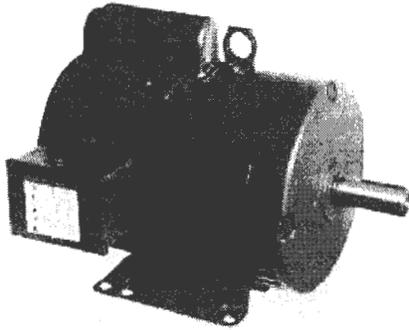
Adapter, Motor Mount



Item #: 3M131
 Brand: DAYTON
 Usually Ships: Today



Print printed March 10, 2008



Motor, 3 HP, General

Capacitor Start Open Dripproof Motor, HP 3, RPM 1740, Voltage 115/230 V, NEMA Frame 215, Service Factor 1.15, Frequency 60 Hz, Mounting Rigid, Bearings Double Shielded Ball, Thermal Protection None, Full Load Amps 33.8/16.9

Grainger Item #	5K483
Price (ea.)	\$671.50 604.33
Brand	DAYTON
Mfr. Model #	5K483
Ship Qty.	1
Sell Qty. (Will-Call)	1
Ship Weight (lbs.)	72.0
Usually Ships	Today
Catalog Page No.	12

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

Additional Info

Capacitor-Start Open Dripproof Rigid Mount Motors

Designed for air compressors, machinery, pumps, blowers, and other industrial equipment.

NEMA 56HZ frame motors have 7/8 x 2 1/4" shaft and mounting base holes/slots to match NEMA 56, 56H, 143T, and 145T frame motors. UL Recognized (E47479) and CSA Certified (225293 and 701848).

- ▣ Mounting: Rigid welded base
- ▣ Ambient: 40 DegreeC
- ▣ Bearings: Double-shielded ball
- ▣ Rotation: CW/CCW

Tech Specs

Item: General Purpose Motor

Motor Type: Capacitor-Start

Enclosure: Open Dripproof

HP: 3

Nameplate RPM: 1740

NEMA/IEC Frame: 215

Voltage: 115/230

Hz: 60

Phase: 1

Full Load Amps: 33.8/16.9

Mounting: Base

Thermal Protection: None

Insulation Class: F

Service Factor: 1.15

Bearings: Ball

Ambient (C): 40

Rotation: CW/CCW

Shaft Dia. (In.): 1 1/8

Shaft Length (In.): 3

Standards: UL Recognized (E47479), CSA Certified (225293)

Optional Accessories

Motor Mounting Bracket



Item #: 3K343

Brand: DAYTON

Usually Ships: Limited Supply

Price (ea): \$16.25

Motor Mounting Base



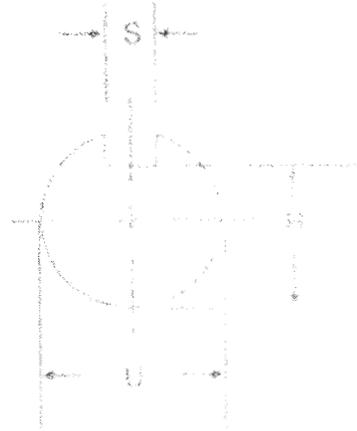
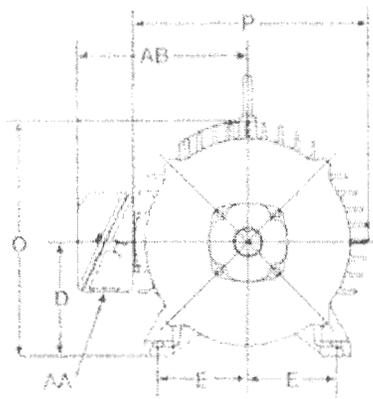
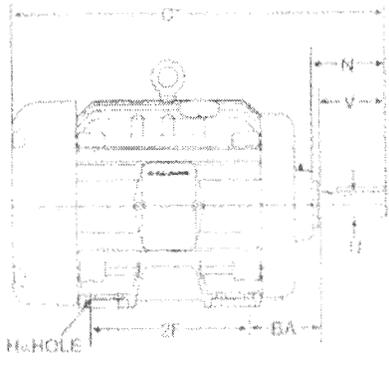
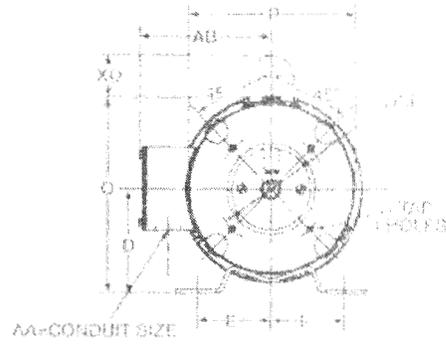
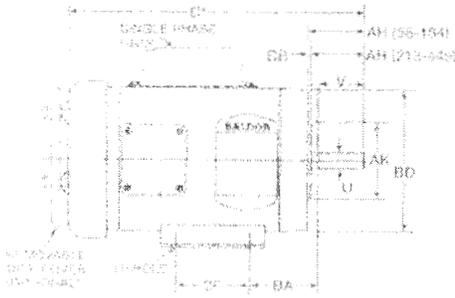
Item #: 3M282

Brand: DAYTON

Usually Ships: Today

Price (ea): \$34.90

NEMA - QUICK REFERENCE CHART



NEMA SHAFT (U)	KEYSEAT DIMENSIONS (R)	KEYSEAT DIMENSIONS (S)	NEMA SHAFT (U)	KEYSEAT DIMENSIONS (R)	KEYSEAT DIMENSIONS (S)
3/8	21/64	FLAT	1-7/8	1-19/32	1/2
1/2	29/64	FLAT	2-1/8	1-27/32	1/2
5/8	33/64	3/16	2-3/8	2-1/64	5/8
7/8	49/64	3/16	2-1/2	2-3/16	5/8
1-1/8	63/64	1/4	2-7/8	2-29/64	3/4
1-3/8	1-13/64	5/16	3-3/8	2-7/8	7/8
1-5/8	1-13/32	3/8	3-7/8	3-5/16	1

NEMA FRAME	D	E	2F	H	N	O	P	U	V	AA	AB	AH	AJ	AK	BA	BB	BD	XO	TAP
42	2-5/8	1-3/4	1-11/16	9/32 SLOT	1-1/2	5	4-11/16	3/8	1-1/8	3/8	4-1/32	1-5/16	3-3/4	3	2-1/16	1/8	4-5/8	1-9/16	1/4 20
48	3	2-1/8	2-3/4	11/32 SLOT	1-7/8	5-7/8	5-11/16	1/2	1-1/2	1/2	4-3/8	1-11/16	3-3/4	3	2-1/2	1/8	5-5/8	2-1/4	1/4-20
56 56H	3-1/2	2-7/16	3	11/32 SLOT	2-7/16 2-1/18	6-7/8	6-5/8	5/8	1-7/8	1/2	5	2-1/16	5-7/8	4-1/2	2-3/4	1/8	6-1/2	2-1/4	3/8-16

	D	E	2F	H	N	O	P	U	V	AA	AB	BA							
143T	3-1/2	2-3/4	4	11/32	2-1/2	6-7/8	6-5/8	7/8	2-1/4	3/4	5-1/4	2-1/8	5-7/8	4-1/2	2-1/4	1/8	6-1/2	2-1/4	3/8-16
145T			5																
182			4-1/2		2-11/16			7/8	2-1/4			2-1/8	5-7/8	4-1/2		1/8	6-1/2		3/8-16
184	4-1/2	3-3/4	5-1/2	13/32	2-11/16	8-11/16	7-7/8	7/8	2-1/4			2-1/8	5-7/8	4-1/2		1/8	6-1/2		3/8-16
182T			4-1/2		3-9/16			1-1/8	2-3/4	3/4	5-7/8	2-5/8	7-1/4	8-1/2	2-3/4	1/4	9	2-3/8	1/2-13
184T			5-1/2		3-9/16			1-1/8	2-3/4			2-5/8	7-1/4	8-1/2		1/4	9		1/2-13
213			5-1/2		3-1/2			1-1/8	3			2-3/4							
215	5-1/4	4-1/4	7	13/32	3-1/2	10-1/4	9-9/16	1-1/8	3	3/4	7-3/8	2-3/4	7-1/4	8-1/2	3-1/2	1/4	9	2-3/4	1/2-13
213T			5-1/2		3-7/8			1-3/8	3-3/8			3-1/8							
215T			7		3-7/8			1-3/8	3-3/8			3-1/8							
254U			8-1/4		4-1/16			1-3/8	3-3/4			3-1/2							
256U	6-1/4	5	10	17/32	4-1/16	12-7/8	12-15/16	1-3/8	3-3/4	1	9-5/8	3-1/2	7-1/4	8-1/2	4-1/4	1/4	10	--	1/2-13
254T			8-1/4		4-5/16			1-5/8	4			3-3/4							
256T			10		4-5/16			1-5/8	4			3-3/4							
284U			9-1/2		5-1/8			1-5/8	4-7/8			4-5/8							
286U			11		5-1/8			1-5/8	4-7/8			4-5/8							
284T	7	5-1/2	9-1/2	17/32	4-7/8	14-5/8	14-5/8	1-7/8	4-5/8	1-1/2	13-1/8	4-3/8	9	10-1/2	4-3/4	1/4	11-1/4	--	1/2-13
286T			11		4-7/8			1-7/8	4-5/8			4-3/8							
284TS			9-1/2		3-3/8			1-5/8	3-1/4			3							
286TS			11		3-3/8			1-5/8	3-1/4			3							
324U			10-1/2		5-7/8			1-7/8	5-5/8			5-3/8							
326U			12		5-7/8			1-7/8	5-5/8			5-3/8							
324T			10-1/2		5-1/2			2-1/8	5-1/4			5							
326T	8	6-1/4	12	21/32	5-1/2	16-1/2	16-1/2	2-1/8	5-1/4	2	14-1/8	5	11	12-1/2	5-1/4	1/4	13-3/8	--	5/8-11
324TS			10-1/2		3-15/16			1-7/8	3-3/4			3-1/2							
326TS			12		3-15/16			1-7/8	3-3/4			3-1/2							
364U			11-1/4		6-3/4			2-1/8	6-3/8			6-1/8							
365U			12-1/4		6-3/4			2-1/8	6-3/8			6-1/8							
364T			11-1/4		6-1/4			2-3/8	5-7/8			5-5/8							
365T	9	7	12-1/4	21/32	6-1/4	18-1/2	18-1/4	2-3/8	5-7/8	2-1/2	15-1/16	5-5/8	11	12-1/2	5-7/8	1/4	13-3/8	--	5/8-11
364TS			11-1/4		4			1-7/8	3-3/4			3-1/2							
365TS			12-1/4		4			1-7/8	3-3/4			3-1/2							
404U			12-1/4		7-3/16			2-3/8	7-1/8			6-7/8							
405U			13-3/4		7-3/16			2-3/8	7-1/8			6-7/8							
404T	10	8	12-1/4	13/16	7-5/16	20-5/16	20-1/8	2-7/8	7-1/4	3	18	7	11	12-1/2	6-5/8	1/4	13-7/8	--	5/8-11
405T			13-3/4		7-5/16			2-7/8	7-1/4			7							
404TS			12-1/4		4-1/2			2-1/8	4-1/4			4							
405TS			13-3/4		4-1/2			2-1/8	4-1/4			4							
444U			14-1/2		8-5/8	22-7/8	22-3/8	2-7/8	8-5/8		19-9/16	8-3/8							
445U			16-1/2		8-5/8	22-7/8	22-3/8	2-7/8	8-5/8		19-9/16	8-3/8							
444T			14-1/2		8-1/2	22-7/8	22-3/8	3-3/8	8-1/2		19-9/16	8-1/4							
445T			16-1/2		8-1/2	22-7/8	22-3/8	3-3/8	8-1/2		19-9/16	8-1/4							
447T	11	9	20	13/16	8-15/16	22-15/16	23-3/4	3-3/8	8-1/2	3	21-11/16	8-1/4	14	16	7-1/2	1/4	16-3/4	--	5/8-11
449T			25		8-15/16	22-15/16	23-3/4	3-3/8	8-1/2		21-11/16	8-1/4							
444TS			14-1/2		5-3/16	22-7/8	22-3/8	2-3/8	4-3/4		19-9/16	4-1/2							
445TS			16-1/2		5-3/16	22-7/8	22-3/8	2-3/8	4-3/4		19-9/16	4-1/2							
447TS			20		4-15/16	22-15/16	23-3/4	2-3/8	4-3/4	4NPT	21-11/16	4-1/2							
449TS			25		4-15/16	22-15/16	23-3/4	2-3/8	4-3/4	4NPT	21-11/16	4-1/2							

5000 FRAME	D	E	2F	H	O	P	U	V	AA	AB	BA
5007S	12-1/2	10	22	15/16	26-27/32	30	2-1/2	6-1/2	4-NPT	26-7/8	8-1/2
5007L	12-1/2	10	22	15/16	26-27/32	30	3-7/8	11-1/8	4-NPT	26-7/8	8-1/2
5009S	12-1/2	10	28	15/16	26-27/32	30	2-1/2	6-1/2	4-NPT	26-7/8	8-1/2
5009L	12-1/2	10	28	15/16	26-27/32	30	3-7/8	11-1/8	4-NPT	26-7/8	8-1/2
5011S	12-1/2	10	36	15/16	26-27/32	30	2-1/2	6-1/2	4-NPT	26-7/8	8-1/2
5011L	12-1/2	10	36	15/16	26-27/32	30	3-7/8	11-1/8	4-NPT	26-7/8	8-1/2

NEMA C-FACE

143-5TC

182-4TC

213-5TC

254-6TC

BA DIMENSIONS

2-3/4

3-1/2

4-1/4

4-3/4

NEMA FRAMES PRIOR TO 1953

Serial 16N3405

Westinghouse

3 HP 1 PH 60 cycle

115/230 V 1725 RPM

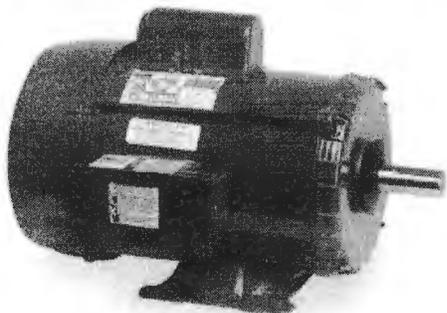
Frame 215Z

Amp 33.2 / 16.6

Type design encl.
ALDP



Print printed March 11, 2008



Motor,3 HP,Farm Duty

Farm Duty, Capacitor Start Totally Enclosed Fan Cooled Motor, HP 3, RPM 1740, Voltage 230 V, NEMA Frame 184T, Service Factor 1.00, Frequency 60 Hz, Mounting Rigid, Bearings Double Shielded Ball, Thermal Protection Manual, Full Load Amps 14.5

Grainger Item #	6K610
Price (ea.)	\$245.91
Brand	DAYTON
Mfr. Model #	6K610
Ship Qty.	1
Sell Qty. (Will-Call)	1
Ship Weight (lbs.)	69.7
Usually Ships	Limited Supply
Catalog Page No.	N/A

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

Additional Info

There is currently no additional information for this item.

Tech Specs

Item: Farm Duty Motor
Motor Type: Capacitor-Start
Enclosure: Totally Enclosed Fan-Cooled
HP: 3
Nameplate RPM: 1740
Voltage: 230
NEMA/IEC Frame: 184T
Service Factor: 1.0
Mounting: Base
Bearings: Double-Shielded Ball
Thermal Protection: Manual
Full Load Amps: 14.5
Ambient (C): 40
Rotation: CW/CCW
Shaft Dia. (In.): 1 1/8
Shaft Length (In.): 2 3/4
Insulation Class: B
Phase: 1
Finish: Green
Type: High Torque
Includes: Gasketed capacitor cover, conduit box and shaft slinger

Notes & Restrictions

There are currently no notes or restrictions for this item.

Optional Accessories

Motor Mounting Bracket



Item #: 3K343
Brand: DAYTON
Usually Ships: Limited Supply
Price (ea): \$16.25

Adapter, Motor Mount



Item #: 3M131
Brand: DAYTON
Usually Ships: Today
Price (ea): \$26.10

Motor Mounting Base



Item #: 3M280
Brand: DAYTON
Usually Ships: Today
Price (ea): \$26.10

Alternate Products



Catalog No. 399 (PDF)

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Keyword(s)

Search Within Results

or

New Search



Searching for Motors?
Find the right motor using our MotorMatch® selection guide.

You searched > Motors > Locate Motor By Application > Specialty > Farm Duty Motors > 1, 3, 1400-1800

Results Displayed: 1 - 3 of 3

Page 1 of 1

Compare Items

Add to Order

Add to Personal List

Clear

Sort Table By: Default ▾

Item #	Qty.	Notes	Description	Brand Mfr. Model #	Ship Qty.	Usually Ships** ?	Price	Catalog 399 Page
<input type="checkbox"/>			Farm Duty, Capacitor Start Totally Enclosed Fan Cooled Motor, HP 3, RPM 1740, Voltage 230 V, NEMA Frame 184T, Service Factor 1.00, Frequency 60 Hz	DAYTON 6K610	1	Limited Supply	\$245.91	N/A
<input type="checkbox"/>			Farm Duty Motor, Capacitor-Start, Totally Enclosed Fan-Cooled, 3 HP, 1740 Nameplate RPM, 230 Voltage, 184T NEMA/IEC Frame, Service Factor 1.15, 60 Hz	DAYTON 1TMX8	1	Today	\$402.75	48
<input type="checkbox"/>			Extra-High Torque Farm Duty Motor, Capacitor-Start, Totally Enclosed Fan-Cooled, 3 HP, 1740 Nameplate RPM, 230 Voltage, 184T NEMA/IEC Frame	DAYTON 1TMV2	1	Today	\$506.50	48

Compare Items

Add to Order

Add to Personal List

Clear

Results Displayed: 1 - 3 of 3

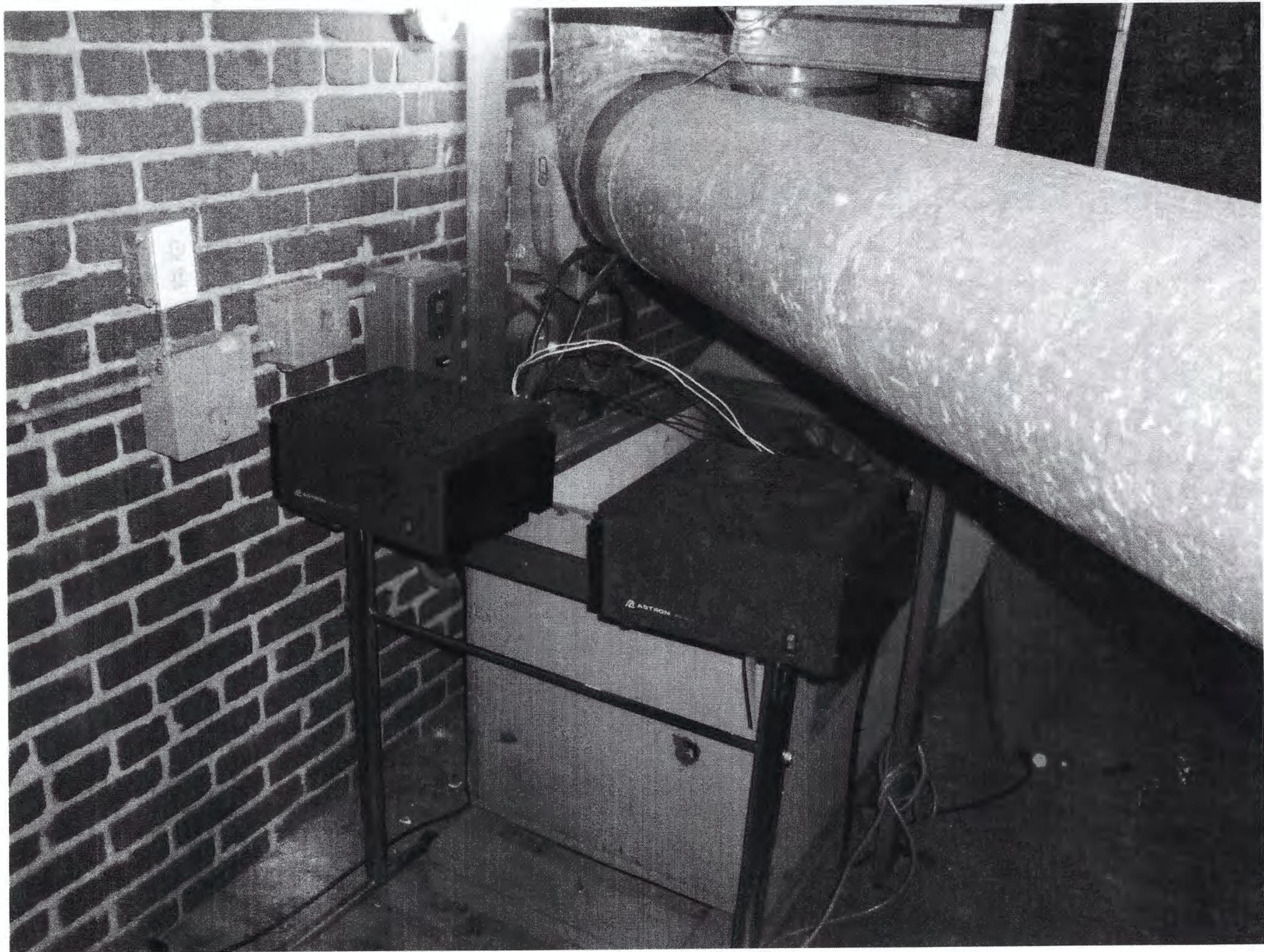
Page 1 of 1

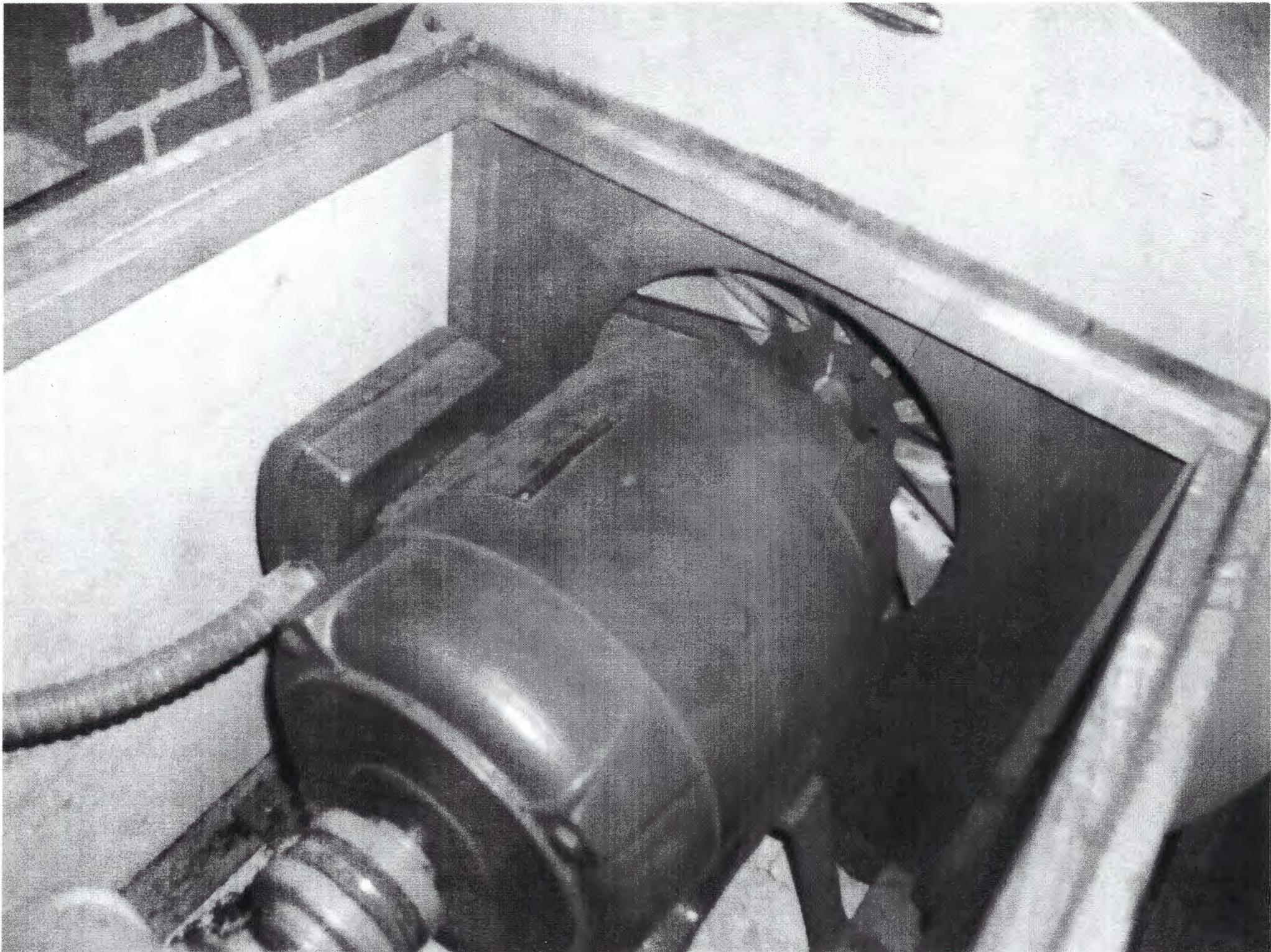
You searched > Motors > Locate Motor By Application > Specialty > Farm Duty Motors > 1, 3, 1400-1800

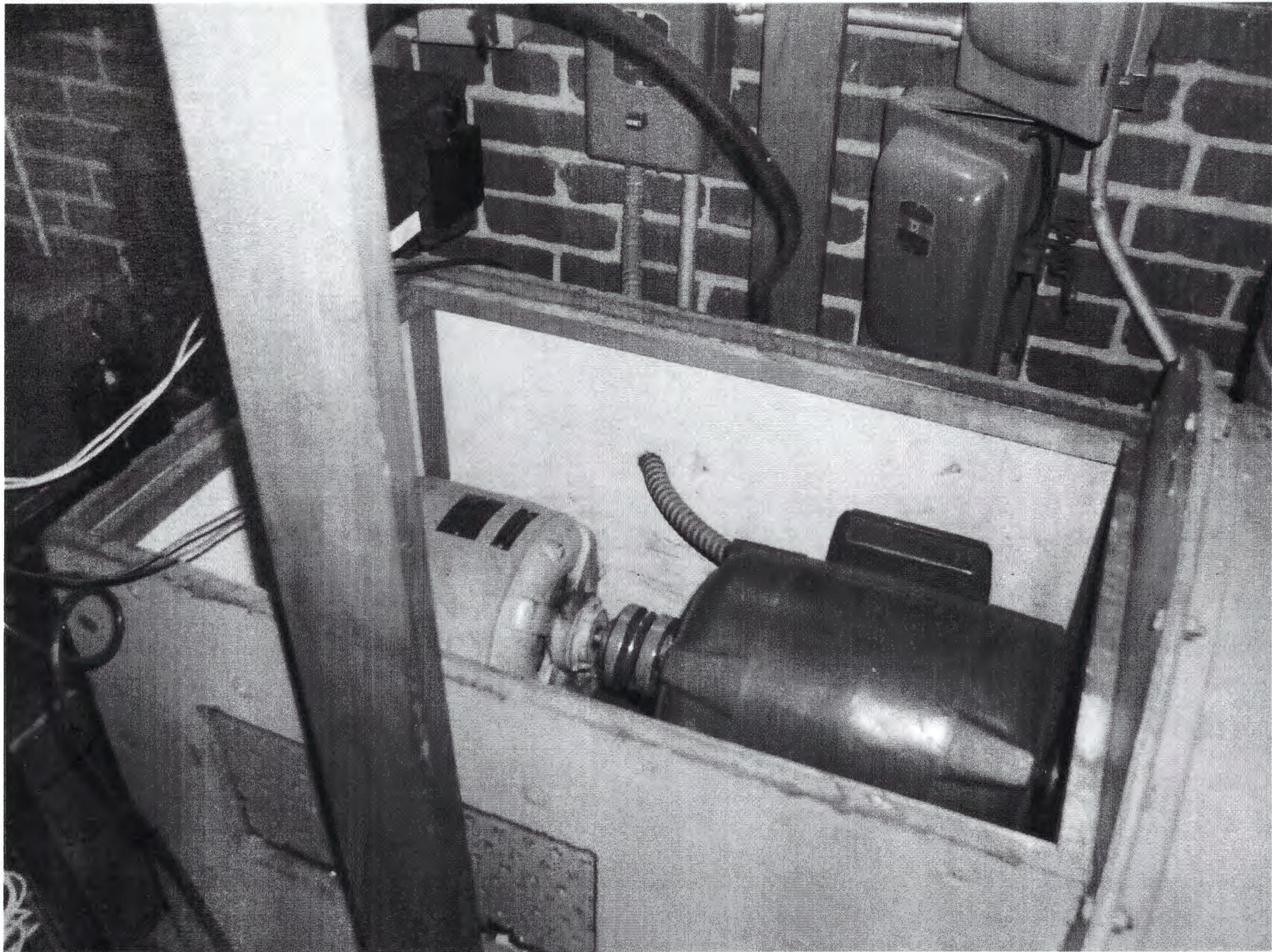
Note: Items with Notes & Restrictions are marked with N

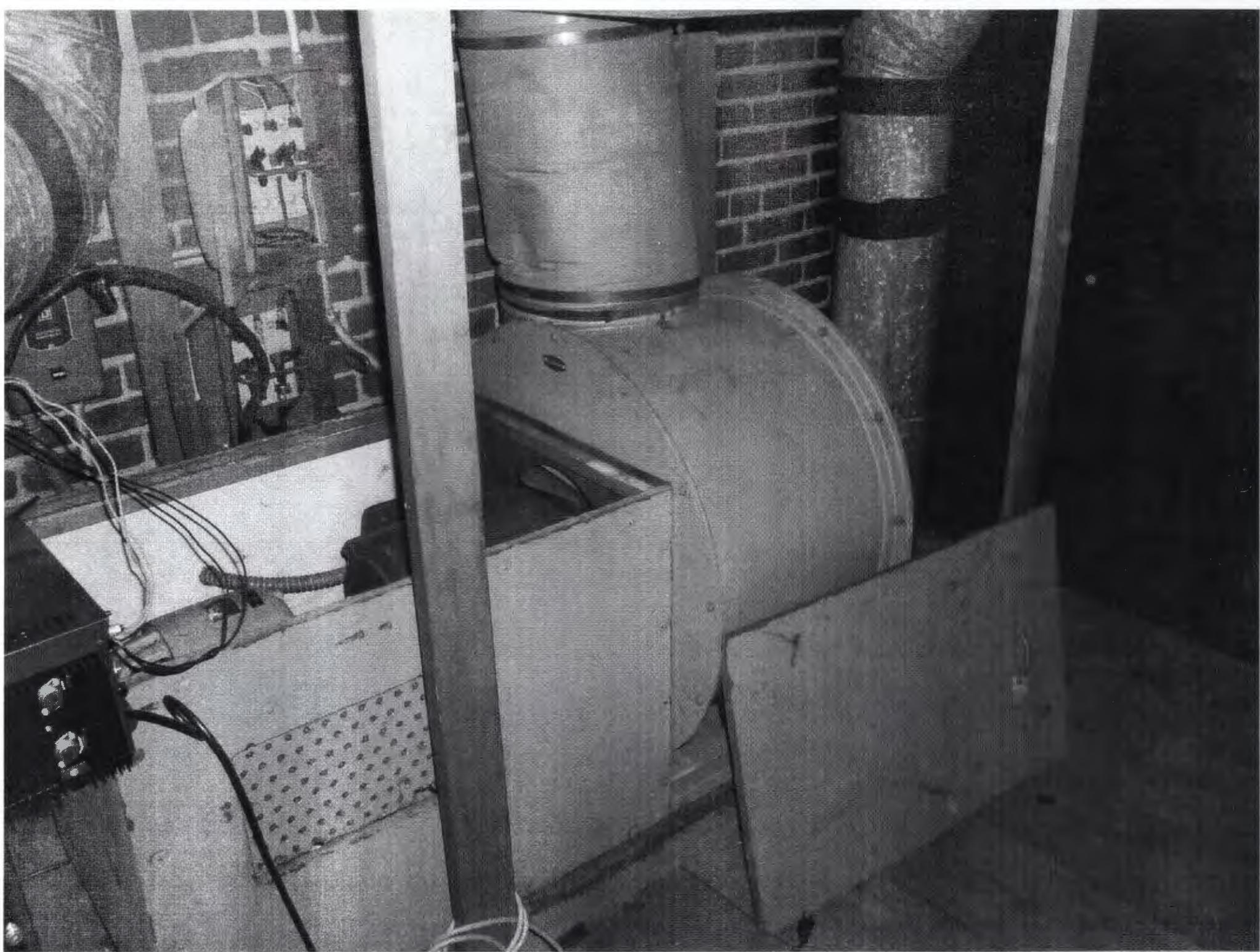
* Grainger product may not be exact match

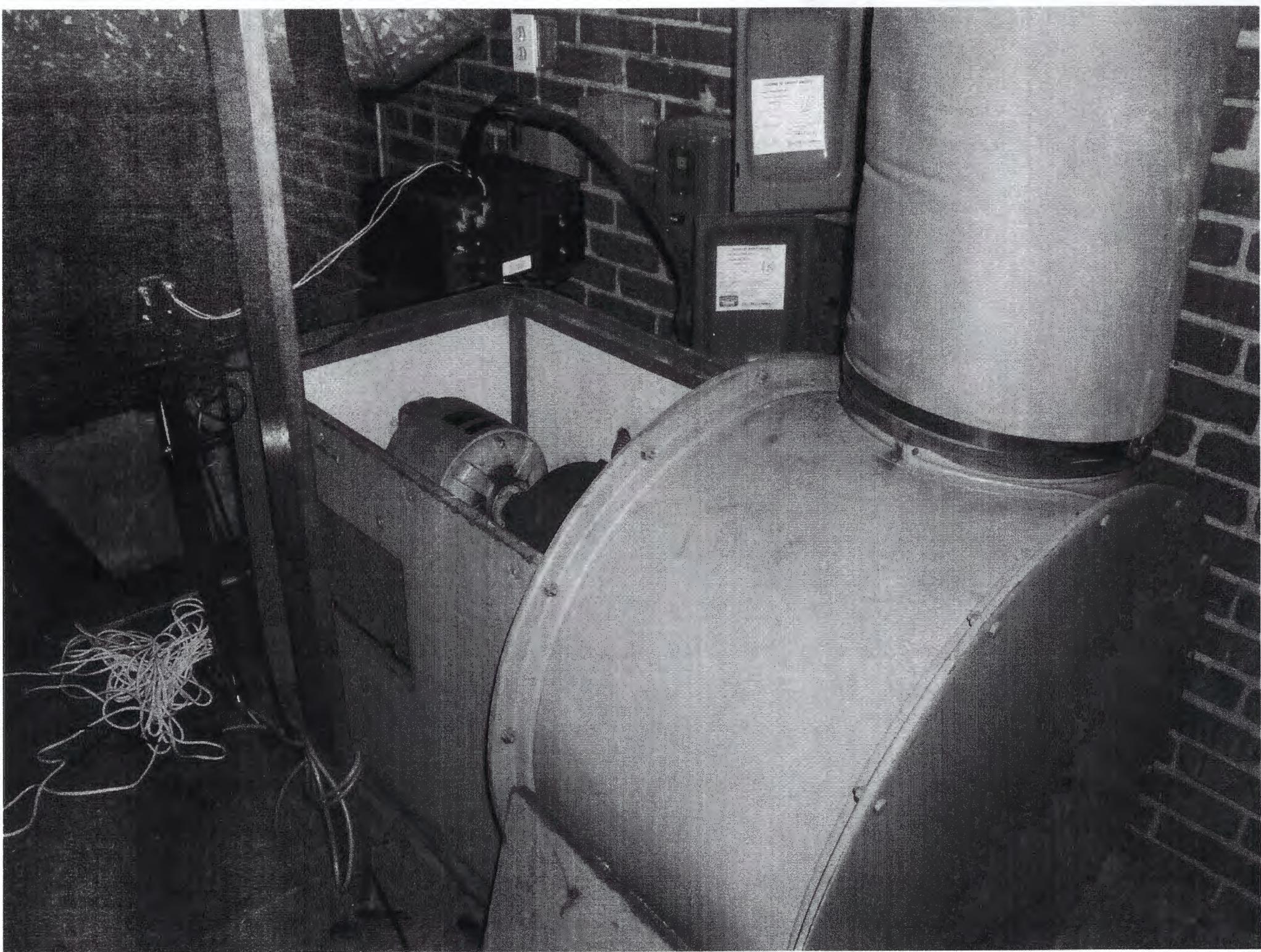
** The "Usually Ships" reflects when an item is generally expected to ship from Grainger based on its stocking location. Real-time availability information will be shown during the checkout process and on the e-mail order confirmation (for U.S. and Puerto Rico - US customers only). Please allow additional delivery time for international orders.











184

1 1/8 shaft

4.5 Height

Base Holes

7 1/2 wide

3 1/2 Front/back

215

1 1/8 shaft

5.25 Height

Base Hole

8 1/2 wide

7 Front/back