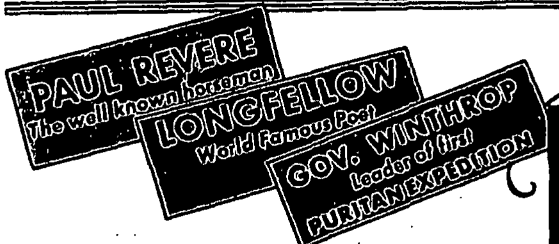
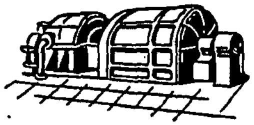
FAMOUS NAMES OF BOSTON

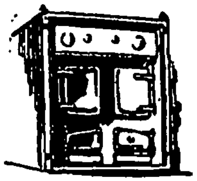


and...

A. LEE
ELLIS CO.
OF
BOSTON
POWER PLANT
EQUIPMENT



OUR NAME STANDS
FOR QUALITY, FOR
SERVICE, IN SHORT FOR



"New England Dependability"

TURBO-GENERATORS

1—3500 KW 2300 V Cond.
2—2500 KW 440 V Cond.
1—3000 KW 600 V Cond.
1—2000 KW 600 V Cond.
2—1250 KW 2300 V Cond.
1—1500 KW 2300 V Cond.
2—1000 KW 440 V Extrac.
1—1000 KW 2300 V Cond.
1— 500 KW 440 V Cond.
2— 125 KW 220/440 V N.C.
1— 250 KW 2300 V N. D.
1— 125 KW 600 V Extrac.
1— 50 KW 220 V AC. N.C.

ENGINE GENERATORS

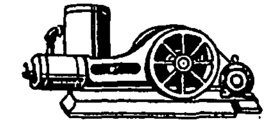
1—375 KW 2300 V Uniflow
1—168 KW 600 V.
2—280 KW 480 V.
1—250 KW 480 V.
1—150 KW 180 V.

TURBINES ONLY

1—375 H.P. with gears
1—210 H.P. Terry 250#

BOILERS

1—150,000# 450 PSI New
2— 30,000# 425 PSI
1—1030 HP 255#
1— 500 HP 400#
4— 500 HP 200#
2— 480 HP 225#
2— 400 HP 180#
1— 250 HP 180#
2— 175 HP 200#
1— 150 HP 150#
1—100 HP 133# Scotch
1— 75 HP 150# New
1— 50 HP 200#



AIR COMPRESSORS

1—6000 CFM 50# Motor
1—2700 CFM 100# Motor
1— 700 CFM 100# Belted
1—5000 CFM 10# Rotary
Type 440 V Syn. Motor
1—6000 CFM 5.1# New

TRANSFORMERS

3— 200 KVA 600/220/110
3—1250 KVA 6600/600 V

A. Lee Ellis Co. of Boston **Power Plant Equipment**

U. S. MACHINERY BUILDING
140 FEDERAL ST., BOSTON 10, MASS.

POWER EQUIPMENT—READY TO SHIP

SAVE OVER 50% ON NEW INDUSTRIAL BLOWERS AND VENTILATING FANS

AXIAL FLOW VENTILATING FANS

3—50" dia. 73½" long, 2 sets of propellers, 8 blades to each. Dim: of blade, 16"x 9½" curved mfg'd by International. Size 114, driven by 100 HP., 1750 rpm., 220/440 v. 3 ph. 60 cy. A.C. Motor.
4—10000 CFM Buffalo Forge Co., 3" stat. pres. 1800/1150 rpm. con. 15/4.5 HP., 1750/1150 rpm., 3 ph. 60 cy. G.E. A.C. Motor 220/440 v. totally encl.
3—18000 CFM 3" stat. pres. Sturtevant with dir. con. 10/3 HP., 1775/1150 rpm., 220/440 v. West. CS. TEFC Motor.
1—7500 cfm Clarage with dir. con. 7½ hp., 1750 rpm., 2.2 HP. at 1150 rpm., 220/440 v. 3 ph. 60 cy.
1—4000 cfm Sturtevant 1.65" stat. pres. dir. con. 2.7/.8 HP. 220/3/60 A.C. Motor.
21—6000 cfm Sturtevant Bulletin 613888, 3" stat. pres. 7 blade, dir. con. 6/1.0 HP., 1755/1175 rpm., 220/440 v. 3 ph. 60 cy. West. TEFC Motors.
3—6000 cfm Sturtevant 1.5 stat. pres. 4.5/1.25 HP., 1750/1150 rpm., 3 ph. 60 cy., 220/440 v. ball bearing motors.
3—4000 cfm 3" stat. pres. Sturtevant dir. con. 2 speed, TS Westinghouse 220/440 v. Motors.
1—4000 cfm 1" stat. pres. Sturtevant Axial Flow vent fan dir. con. 4/1.2 HP., 1750/1150 rpm., 220/440 v., 3 ph. 60 cy. Tot. Enc. West. Motor.

115 Volt; D. C.

3—4000 CFM Sturtevant 3" stat. pres. 115 v. Westinghouse SK Motors.
4—4000 cfm American Blower 3" stat. pres. 4/1.7 HP., 1750/1310 rpm., 115 v. Westinghouse SK Motors.
1—3000 cfm 3" stat. pres. B. F. Sturtevant 1750 rpm., dir. con. 3/1.25 HP., 115 v. D.C. Motor.
1—250 CFM—2½" stat. L. J. Wing, with dir. con. 1/3 HP., 2300 rpm. Diehl Motor.

NEW—CENTRIFUGAL BLOWERS

1—Roots Connersville Industrial Blower 16 x 20 with 5 to 1 ratio gear reduction unit, dual shaft unit with single pulley shaft complete with 75 P. 220 or 440 v. 3 ph. 60 cy. A.C. Motor.

A. C. MOTORS

3 ph. 60 cy.

No.	HP	Type	Make	RPM	Volts
1 New	600	Syn	Elec. Machy.	120	2300/4000/440/220
1	200	CS	West.	900	220/440
1	150	Syn	West.	257	220/440
1	150	CS	West.	720	220/440
1	150	CS	West.	1700	2300
4	150	FX	Louis All.	1800	220/440
1	125	Syn	Elec. Machy.	164	220/440
3	125		Reliance	900	220/440
3	125		West.	720	2300/220/440
3	100		Reliance	695	220/440
3	100		West.	600	2300/220/440
3	100		G.E.	600	220/440
2	100	Syn	Elec. Machy.	720	220/440
3	100	TEFU	Master	1750	220/440
2	75		G.E.	480	220/440
1	75	Syn	Elec. Mach.	900	220/440
1 New	75	CS	West.	3600	220/440
3	50	K	G.E.	1800	220/440

BRAND NEW SAFETY SWITCHES

3 P. S. T.

300—60 amp., 550/440 or 220 v. A.C. Wadsworth non-fusible Safety Switches, Catalog No. 1962.
Price $10.00 each.
77—60 amp., 250 v. A.C. Wadsworth—fusible Safety Switches, Catalog No. 5763A.
Price $13.50 each.
* Special Discounts on quantities.

NEW FLEXIBLE COUPLINGS

1300—New Lovejoy bronze flexible couplings 1" bore with Neoprene spider, Cat. No. 1A-150, can be bored to 1⅛", 1¼" and 1⅜". Can be bushed down to ½".
Price $4.85 each.
* Special Discounts on quantities.

MOTOR GENERATOR SETS

250 V. D. C.
Motors 220/440 or 2200 v. 3 ph. 60 cy.

No.	KW	Make	Speed
1	150	West.	1800
1	125	G.E.	1200
1	100	West.	1800
2	100	Delco	1150
3	75	West.	720
1	50	Cr. Wh.	900
3	50	West.	490
1	40	G.E.	720
2	40	West.	900
1	40	G.E.	1750
1	35	G.E.	850 (850)
1	30	G.E.	680
1	30	West.	850
1	25	West.	1150
1	20	G.E.	1150
2	20	Delco	1200
2	15	West.	1500
1	7½	West.	1150
1	5	West.	1150

VARIABLE SPEED MOTORS

230 V. D. C.

No.	HP	Make	Type	RPM
2	200	Reliance	1870T	400/1200
3	133	G.E.	CDM	875/1750
3	100	Reliance	1060T	400/1000
4	50	West.	SK-190	320/960
4	50	West.	SK	300/1200
1	45	West.	SK-143	600/1800
1	40	West.	SK-180	335/1200
1	40	Al. Chal.		400/1200
1	35	West.	SK-143	600/1800
1	30	G.E.	DLC-80	400/1200
1	20	West.	SK-125	600/1800
1	20	West.	SK-110	800/1800
1	15	West.	SK-100	500/1800
2	10	G.E.	RF	400/1200

TRANSFORMERS

1 ph. 60 cy.

No.	KVA	Make	Pri.	Sec.
25 new	25	Allis Chal.	480	120
20 new	25	Allis Chal.	440	110/220
10 new	25	Allis Chal.	220	220/110
5 new	37½	West.	480	120
1	50	G.E.	2300	220/440
3	50	West.	11000	2300

SLIP RING MOTORS

3 ph. 60 cy.

No.	HP	Type	Volts	Make	RPM
2	700	MT-415	2300	G.E.	900
2	600	MT	2300	G.E.	900
3	400	MT	2300	G.E.	600
1 new	200		220/440	G.E.	600
1	75	I-M	220/440	G.E.	600
6	50	CW	2300/220/440	West.	580

CIRCUIT BREAKER

1—2000 Amp. ITE, type LG, 3 pole, rigid arm, solenoid operated, for 440 v. 3 ph. 60 cy.

SURFACE COMBUSTION GARDEN CITY HEAT TYPE EXHAUSTERS

3—#55 Single SSP, 14000 cfm at 1292 rpm., S.P. @ 70 deg. F and 8" water for 1200 deg. F. operation.
2—#50 Single SSP, 10000 cfm at 1375 rpm., S.P. @ 70 deg. F and 8" water for 1200 deg. F. operation.

SPECIAL BARGAIN AIR COMPRESSORS

7—240 CFM Westinghouse type 3 VB-21 3 cyl. vert., 150 lbs. pres., dir. con. to 50 HP., 220/440 or 2200 v., 3 ph. 60 cy. West Slip Ring Motors, auto. control. Can furnish D.C. Motors or Oil or Gasoline Engines if desired.

WELDING and CHARGING SETS

1—Chandeysson 50 KW., 40 V. D.C. 690 rpm., 75 H.P. Synchronous Motor 220/440 v. 3 ph. 60 cy., with exciter 100% P.F.
1—Thompson Shell Welder including West. control, 6 electronic tubes, ½ HP. A.C. Motor.
1—Federal special seam welder 250 kva., 220/440 v. 60 cy. 8 DC max. sec. amps. 30000 at ¼x23 throat, sec. volts 5.1 10.2 max. air pres. 80 min. water inlet pres. 65 lbs. 70 deg. F. max.
1—Federal seam welder 150 kva., 220/440 v. 60 cy., .6 DC max. sec. amps. X30,000 at 4 BY-23 throat sec. volts 4.6 max. air pres. 80 deg. min. water inlet pres. 50 lbs. at 70 deg. F. 1 HP. A.C. Motor.

DYNAMOMETER

"Hi-Eff" hydraulic size 25G, model 588, 3100 rpm., Taylor Mfg. Co.

FREQUENCY CHANGERS

1—25 kw., 220/440 v. 3 ph. 180 cy., G.E. dir. con. to 35 HP., 1800 rpm., 220/440 v. 3 ph. 60 cy. Motors.

SYNCHRONOUS MOTORS

1—New 300 HP., Elec. Machy. Co. 2300/220 or 440 v. 120 rpm.

ENGINE GENERATOR SETS

10—NEW 1 kw. 14.25 v. D.C. and 2 kw., 28.5 v. D.C. Homelite portable gas eng. Gen. sets. Can furnish lamps and batteries. Suitable for farms and camps.
2—6 kva. 120/240 v. 1 ph. 60 cy. Witte Diesel.
1—10 kw., 125 v. D.C. 1800 rpm., Hercules DIESEL.
20—NEW 25 kva. West. 120/208 v. 1 and 3 ph. 60 cy. LeRoi GAS.
1—25 kva. 220/440 v. 3 ph. 60 cy. 257 rpm., Ridgway STEAM.
3—100 kw., 240/120 v. Delco 1200 rpm., dir. driven by 150 HP. Superior GDD-8 4½" x7" 8 cyl. DIESEL.
1—125 kva. G.E. 220/440 v. 3 ph. 60 cy., dir. con. Skinner UNIFLOW Engine.

INDUCTION HEATING CONVERTER

New Van Norman, type indoor, floor, hi-freq. 22 kw. 220 v. 1 ph., 60 cy. 150 A. enclosed type.

PUMPS

2—1000 GPM Worthington Cent. 1 stage, 6½" suc. 5" dis. 150# pres. dir. con. 125 HP., 875/1750 rpm., 230 v. D.C. Motors and control. (Can furnish A.C. Motors if desired.)

WINCHES

840—Winch assembly portable engine hoists, swivel hook, 4¾" 1, with 1½" opening and 30' of ⅜" cable. Hand cranked, double reduction gear with drum 5¾" w. can be used with A.C. or D.C. Motors.

CONDENSER

400 kva., Elec. Machy. 2300/220 or 440 v. 3 ph. 60 cy., 120 rpm.

CAR PULLER or WINCH

1—Welen, 3 drum Winch or Car Puller rated 5000# per drum with 25 HP. G.E. Vertical Motor 230 v. D.C.

SPEED REDUCER

800 HP. United Engineering Co., double reduction gear Drive ratio 14.4 to1, used with 800 HP., 860 rpm. motor.

GEAR HEAD MOTOR

50 HP., G.E. 220/440 or 550 v., 3 ph. 60 cy., 1750 to 13 rpm., splash proof, ball bearing.

WRITE, WIRE OR PHONE YOUR ELECTRIC NEEDS—SEND FOR STOCK LIST. LIST YOUR IDLE EQUIPMENT WITH US

Duquesne Electric & Mfg. Co. Pittsburgh 6, Pa.