

Extra

AR SERIES ARTISTE ORGANS
EARMARK FOR
#10777 MT. LEBANON UNITED LUTHERAN CHURCH, PITTSBURGH, PA.

2/10

SPECIFICATIONS OF SERIES 70-8A ARTISTE ORGAN

GENERAL

(1) ORGAN

Cabinets

Great Organ-^{Standard} ~~Special~~ Series 70 model, with ~~extension~~
~~for installation of existing chimes~~ ^{installed}
Swell Organ-Standard Series 70 model ^{within cabinet}

Wood & Finish

Action

Wind Pressure

Pitch

Supply filler panels as required
Organ layout will be supplied ^{submitted}
Rift Sawn Oak to color block to ~~be supplied~~
Electro-Pneumatic (unit type)
Offsets 4-1/2"; Trebles 3-1/2"
A-440 @ 70°F

(2) CONSOLE (Detached)

Cabinet

Wood & Finish

Manuals

Manual Compass

Pedal Compass

Stop Controls

Action

Standard Series 70 design ^{submitted}
Rift Sawn Oak to color block to ~~be supplied~~
Two and Pedal
CC to C4, 61 notes
CCC to G, 32 notes
Tilting Tablets
All Electric

(3) BLOWERS (2 required installed within organ cabinet)

Type

Rating

Current Specification

Overall Size

Blower Enclosure

Two (2) Meidinger Style 1002 - .4 HP - 3360 RPM
280 c.f.m. @ 4" - 4" outlet
1 Ph - 60 Cy - 120 Volts - 4.4 Amps.
1'-6" x 1' - 5-5/8" x 1'-8" high
2 standard enclosures required.

(4) POWER UNIT (mounted within Swell Organ cabinet)

Type

Rating

Current Specifications

Overall Size

Durst DC Organ Power Unit (all voltage)
DC Output: 10 to 15 Volts - 30 Amps.
AC Input: 1 Ph - 60 Cy - 110 Volts - 6 Amps.
17" long x 11" wide x 7" high

CONSOLE AND ORGAN

GREAT ORGAN (unenclosed)

1	16	Bourdon.....	97 pipes
2	8	Principal.....	73 pipes
3	8	Gedeckt.....from #1.....	61 notes
4	8	Genshorn.....from #13.....	61 notes
5	4	Octav.....from #2.....	61 notes
6	4	Gedeckt.....from #1.....	61 notes
7	2	Flute.....from #1.....	61 notes
8	III	Mixture.....	183 pipes
9	4	Trichter Regal	61 pipes
10		Chimes.....present Maas tubes, present ^{new relay} Maas electric action, volume control , transformer, relay , ^{volume control}	
11		Tremolo	

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975 Wash Rd 15228

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SWELL ORGAN

12	8	Rohrflöte.....	73 pipes
13	8	Gemshorn.....	80 pipes
14	4	Spitzprincipal.....	73 pipes
15	4	Rohrflöte.....from #12.....	61 notes
16	2	Spitzoctav.....from #14.....	61 notes
17	1-1/3	Larigot.....from #13..(repeat 12 top notes)...	61 notes
18	16	Contre Trompette.....	80 pipes
19	8	Trompette.....from #18.....	61 notes
20	4	Clairon.....from #18 (repeat 5 top notes)....	61 notes
21		Tremolo	

PEDAL ORGAN

22	16	Bourdon.....from #1.....	32 notes
23	8	Principal.....from #2.....	32 notes
24	8	Gedeckt.....from #1.....	32 notes
25	8	Gemshorn.....from #13.....	32 notes
26	4	Octav.....from #2.....	32 notes
27	4	Rohrflöte.....from #12.....	32 notes
28	III	Mixture.....from #8	32 notes
29	16	Contre Trompette....from #18.....	32 notes
30	8	Trompette.....from #18.....	32 notes
31	4	Trichter Regal.....from #9.....	32 notes

COUPLER

32 Swell to Great

ADJUSTABLE COMBINATIONS

Pistons No. 1-2-3-4

Affecting Full Organ

PEDAL MOVEMENTS

- 1 - Balanced Expression Pedal - Swell Organ
- 2 - Balanced Crescendo Pedal with indicator light (green jewel)

ACCESSORIES

Motor and power unit on-off switch (lock type) with indicator light (red jewel)
and related electrical wiring.

Concave and radiating pedal keyboard

Organ bench with music shelf

Pedal light

PIPE ANALYSIS

STOP	PITCH	PIPES	SCALE	HALVING	MOUTH	METAL	WIND PRESSURE
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GREAT ORGAN (Unenclosed)

Bourdon	16	97	CCC to BBB Regular Manual Bourdon Wood)				1-16 4-1/2"
			CC to BB Regular Artiste Tapered Bass Wood)				17 up 3-1/2"
			TC up Regular Artiste Treble)				
Principal	8	73	CC 52	TC 60	18-1/2	1/4 12 Zinc S.M.)	1-14 4-1/2"
						) 15 up 3-1/2"	
Mixture	III	183	See Formula Below S.M.)				3-1/2"
Trichter Regal	4	61	2-1/2" brass tube, funnel top D(F) Eschallots				3-1/2"

SWELL ORGAN

Rohrflöte	8	73	56	21-1/2	2/9	Sm O.S. Chimneys)	1-4 4-1/2"
						S.M.)	5 up 3-1/2"
Gemshorn	8	80	CC 54-1/3	17-1/2	2/9	12 Zinc S.M.)	1-12 4-1/2"
			#56 102-2/3	20-1/2	2/9	) 13 up 3-1/2"	
Spitzprincipal	4	73	60-3/4	18-1/2	1/4	Zinc S.M.)	1 & 2 4-1/2"
						) 3 up 3-1/2"	
Contre Trompette	16	80	2-1/2"	CCC to FF half length		) 1-12 4-1/2"	
				FF# up full length		) 13 up 3-1/2"	
				D(F) Eschallots Zinc S.M.)			

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GREAT III MIXTURE FORMULA

15	12	8
19	15	12
22	19	15
1-42	43-48	49-61

Unison	50 Sc. -	18-1/2	- 1/4 mouth	- S.M.
Quint	51 Sc. -	18-1/2	- 1/4 mouth	- S.M.