

AR SERIES ORGAN
 EARMARK FOR *of Fox Chapel*
 11524 GOOD SHEPHERD LUTHERAN CHURCH, PITTSBURGH, PENNSYLVANIA
 SPECIFICATIONS FOR A SERIES 70-7B ORGAN

2/10

GENERAL

(1) ORGAN

Organ	Exposed Great, Double-Decked Provide special paneling for Exposed 16 and 8 Principal Layout will be supplied
Wood & Finish <i>Birch & Walnut</i>	To customer's paint sample
Action	Electro-Pneumatic (unit type)
Wind Pressure	See Pipe Analysis
Pitch	A-440 @ 70°F

(2) CONSOLE

Cabinet	Standard design
Wood & Finish <i>Birch & Rift Sawn Oak</i>	To customer's paint and stain sample
Manual	Two and Pedal
Manual Compass	CC to C4, 61 notes
Pedal Compass	CCC to G, 32 notes
Stop Controls	Tilting Tablets
Action	All Electric

(3) BLOWER (located in blower room)

Type	Kinetic 2-P-2116 - 1/2 HP - 1750 RPM - 6" outlet
Wind	360 c.f.m. @ 4"
Current Specifications	1 Ph - 60 Cy - 240 Volts - 3.6 Amperes
Overall Size	2' - 5-3/4" x 1' - 10-3/8" x 2' - 6-1/4"

(4) POWER UNIT (located in console cabinet)

Rating	DC Output - 10-15 Volts - 30 Amperes
Current Specifications	AC Input - 1 Ph - 60 Cy - 120 Volts - 10 Amperes
Overall Size	14-1/2" x 10-3/4" x 7"

CONSOLE AND ORGAN

GREAT ORGAN (Exposed)

1	16	Bourdon-----	-----92 pipes
2	8	Principal-----	-----80 pipes
3	8	Gedeckt -----	from #1 -----61 notes
4	8	Gemshorn-----	from #13 -----61 notes
5	4	Octave -----	from #2 -----61 notes
6	4	Gedeckt-----	from #1 -----61 notes
7	2	Super Octave-----	from #2--(repeat 5 top notes)-----61 notes
8	2	Flute-----	from #1--(repeat 5 top notes)-----61 notes
9	III-IV	Mixture	-----183 pipes
10		Chimes	<i>Mayland tubes and electric actions</i>
11		Tremolo	<i>prepared for in console only with Comp. sys.</i>

Relay, Transformer and Volume Control
A to F, #22 to #42 - - - - - 21 tubes

SWELL ORGAN (Enclosed)

12	8	Spitzflöte-----	(low octave from #13) -----	73 pipes
13	8	Gemshorn -----		85 pipes
14	8	Gemshorn Celeste T.C.-----		49 pipes
15	4	Spitzflöte-----	from #12-----	61 notes
16	2	Spitzflöte -----	from #12-----	61 notes
17	1-1/3	Larigot -----	from #13--(repeat 7 top notes)-----	61 notes
18	16	Contre Trompette -----		85 pipes
19	8	Trompette -----	from #18-----	61 notes
20	4	Clairon -----	from #18-----	61 notes
21		Tremolo		

PEDAL ORGAN

22	16	Contrebasse-----	12 pipes, 20 from #2-----	32 notes
23	16	Bourdon -----	from #1 -----	32 notes
24	8	Principal -----	from #2 -----	32 notes
25	8	Gedeckt-----	from #1 -----	32 notes
26	8	Gemshorn-----	from #13-----	32 notes
27	4	Octave -----	from #2-----	32 notes
28	III	Mixture-----	from #7 & 9 -----	32 notes
29	16	Contre Trompette-----	from #18 -----	32 notes
30	8	Trompette -----	from #18 -----	32 notes
31	4	Clairon -----	from #18 -----	32 notes

COUPLER

32 Swell to Great

ADJUSTABLE COMBINATIONS

Pistons No. 1-2-3-4

Affecting Full Organ

PEDAL MOVEMENTS

Balanced Expression Pedal - Swell Organ (8 contacts, make to close)

Balanced Crescendo Pedal with indicator light (green jewel)

ACCESSORIES

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

Concave and radiating pedal keyboard

Organ bench with music shelf *and backrest*

Music rack

Music rack light

Pedal light

PIPE ANALYSIS

STOP	PITCH	PIPES	SCALE	HALVING	MOUTH	METAL	WIND PRESSURE
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GREAT ORGAN

Bourdon	16	92	CCC to BBB Reg. Manual	Bourdon		Wood) 17 Zinc C.M.)	3-1/2"
			CC 56	21-1/2	2/9		
Principal	8	80	48	18-1/2	1/4	19 Zinc S.M.	3-1/2"
Mixture	III-IV	183	See Formula Below				3-1/2"

SWELL ORGAN

Spitzflote TC	8	73	60-2/3 @ 4'C	19-1/2	1/5	5 Zinc C.M.	3-1/2"
Gemshorn	8	85	CC 56	19-1/2	2/9		
			C 68-1/2	19-1/2	2/9	17 Zinc S.M.	3-1/2"
		#56	98	17-1/2	1/6		
Gemshorn Celeste TC	8	49	56-1/2 @ 8' CC	19-1/2	2/9	5 Zinc S.M.	3-1/2"
Contre Trompette	16	85	3" CCC to FF half length				
			FF# up full length				
			D(F) Eschallots			Zinc & S.M.	3-1/2"

PEDAL ORGAN

Principal	16	12	CCC 36	18-1/2	1/4	Zinc	3-1/2"
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GREAT III-IV MIXTURE FORMULA

	15	12	12	12	12
	19	15	15	15	
	22	19	19		
		22			
	1-37	38-49	50-54	55-56	57-61
Unison	47 Sc.	17-1/2	1/4 mouth	S.M.	
Quint	49 Sc.	17-1/2	1/4 mouth	S.M.	

JDS/mr
11/19/80