

File

AR SERIES ORGAN
EARMARK FOR
#10949 ST. JOSEPH CHURCH, CINCINNATI, OHIO
SPECIFICATIONS FOR SERIES 70-7A ORGAN

2/8

GENERAL

(1) ORGAN

Great Organ
Swell Organ

Chamber Installation
Enclosed, Swell Box type
Enclosed, Swell Box type

Action
Wind Pressure
Pitch

Electro-Pneumatic (unit type)
Offsets 4-1/2", Trebles 3-1/2"
A-440 @ 70°F

(2) CONSOLE

Cabinet
Wood & Finish
Manuals
Manual Compass
Pedal Compass
Stop Controls
Action

Standard Series 70 Design *with Roll Top*
Rift Sawn Oak to Color Block #M-4150-2
Two and Pedal
CC to C4, 61 notes
CCC to G, 32 notes
Tilting Tablets
All Electric

(3) BLOWER (Located in Organ Chamber)

Type
Rating
Current Specification
Overall Size
Blower Enclosure

Meidinger No. 1004, 1.8 H.P., 3360 RPM, 5-5/8" outlet
~~Style 2-F-2126, 1 1/2 H.P., 1725 RPM~~
~~500 c.f.m. @ 4" diam. outlet~~
~~1 Ph - 60 Cy - 110 Volts - 10 Amperes~~
~~2' - 5 3/4" long x 1' - 10 3/8" wide x 2' - 6" high~~
~~1' - 9 1/4" x 1' - 7 5/8" x 1' - 11 3/4" H.~~

(4) POWER UNIT

Rating
Current Specification
Overall Size

DC Output - 10-15 Volts, 30 Amperes
AC Input - 1 Ph - 60 Cy - ~~110~~ ¹¹⁰ Volts - ~~10~~ ¹⁰ Amperes
1' - 2-1/2" long, 10-3/4" wide, 7" high

CONSOLE AND ORGAN

GREAT ORGAN

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	Octav.....from #2.....	61 notes
6	4	Gedeckt.....from #1.....	61 notes
7	2	Super Octav.....from #2.repeat 5 top notes.....	61 notes
8	2	Flute.....from #1.repeat 5 top notes.....	61 notes
9	II	Mixture.....	122 pipes
10		Chimes.....Mayland tubes & electric action, relays, transformer & volume control, A-#22 to F-#22.....	21 tubes
11		Tremolo	

SWELL ORGAN

12	8	Rohrflote.....	73 pipes
13	8	Gemshorn.....	80 pipes
14	4	Spitzprincipal.....	73 pipes
15	4	Rohrflote.....from #12.....	61 notes
16	2	Spitzoctav.....from #14.....	61 notes
17	1-1/3	Larigot.....from #13.....	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	Rohrflote.....from #12.....	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 - Great Organ (8 stage, reverse system)

Balanced Expression Pedal - Swell Organ (8 stage, reverse system)

Balanced Crescendo with indicator light (green jewel)

ACCESSORIES

Motor and power unit on-off switch (^{toggle}~~key~~ type) with indicator light (red jewel)
and related electrical wiring.

Concave and radiating pedal keyboard

Organ bench with music shelf

Plexiglas 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	) 1-16 4-1/2"
			CC to BB Reg. Artiste Tapered Bass			Wood	) 17 up 3-1/2"
			TC up Reg. Artiste Treble			Wood & S.M.)	
Principal	8	80	CC 52 TC 60	18-1/2	1/4	12 All Zinc	) 1-12 4-1/2"
						13-17 Zinc & S.M.)	13 up 3-1/2"
						18 up S.M.)	
Mixture	II	122	See Formula Below			S.M.	3-1/2"

SWELL ORGAN

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

GREAT II MIXTURE FORMULA

19	15	12
22	19	15
1-49	50-56	57-61

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