

AR SERIES ORGAN
EARMARK FOR
10993 IMMACULATE HEART OF MARY CHURCH, PITTSBURGH, PA.

2/8

SPECIFICATIONS FOR A SERIES 70-7B ORGAN

GENERAL

(1) ORGAN

Great Organ
Swell Organ

Wood & Finish
Fabric
Action
Wind Pressure
Pitch

Great Exposed, provide special
double decked organ cabinet.
Layout will be supplied.
Rift Sawn Oak, M-4150-2
Mellotone #B-6005
Electro-Pneumatic (unit type)
Offsets 4-1/2", Trebles 3-1/2"
A-440 @ 70°F

(2) CONSOLE

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

Standard Series 70 Design
Rift Sawn Oak, M-4150-2
Two and Pedal
CC to C4, 61 notes
CCC to G, 32 notes
Tilting Tablets
All Electric

(3) BLOWER (located in Swell Organ)

Type
Rating
Current Specification
Overall Size

Meidinger 1004 - .7 HP - 3360 RPM
500 c.f.m. @ 4" - 5-1/2" outlet
1 Ph - 60 Cy - 220 Volts - 3.6 Amperes
1' - 9-1/4" long x 1' - 7-5/8" wide x 1' - 11-3/4" high

(4) POWER UNIT (One required)

Rating
Current Specifications
Overall Size

DC Output - 10-15 Volts - 30 Amperes
AC Input: 1 Ph 60 Cy - 220 Volts - 5 Amperes
14-1/2" long x 10-3/4" wide x 7" high

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CONSOLE AND ORGANGREAT 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	Octav.....from #2.....	61 notes
6	4	Gedeckt.....from #1.....	61 notes
7	2	Super Octav.....from #2..(repeats 5 top notes).....	61 notes
8	2	Flute.....from #1..(repeats 5 top notes).....	61 notes
9	II	Mixture.....	122 pipes
10		Chimes..... prepared for in console only Mayland tubes & electric	
11		Tremolo <i>action, relay, transformer & volume control A to F #22 to #42 incl.</i>	

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	Claïron.....from #18.....	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	Spitzflöte.....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	Claïron.....from #18.....	32 notes

COUPLERS

32 Swell to Great

ADJUSTABLE COMBINATIONS

Pistons No. 1-2-3-4

Affecting Full Organ

PEDAL MOVEMENTS

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

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 wiring.
Concave and radiating pedal keyboard
Organ bench with music shelf
Music rack light
Pedal light

PIPE ANALYSIS

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

Bourdon	16	92	CCC to BBB Reg. Manual Bourdon Wood				
			CC 56	20-1/2	2/9	S.M.)	1-12 4-1/2" 18 up 3-1/2"
Principal	8	80	CC 52 TC 60	18-1/2	1/4	12 Zinc S.M.)	1-12 4-1/2" 13 up 3-1/2"
Mixture	II	122	See Formula Below				3-1/2"

SWELL ORGAN (Enclosed)

Spitzflote T.C.	8	73	60-2/3 @ 4'C	19-1/2	2/9	S.M.	3-1/2"
Gemshorn	8	85	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		
Gemshorn Celeste TC	8	49	56-1/3 @ 8' CC	17-1/2	1/5	S.M.	3-1/2"
Contre Trompette	16	85	2-1/2" CCC to FF half length				
			FF# up full length				
			D(F) Eschallots			Zinc & S.M.	3-1/2"

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GREAT II MIXTURE FORMULA

19	15	12
22	19	15
1-49	50-56	57-61
Unison	50 Sc.	18-1/2
Quint	51 Sc.	18-1/2
		1/4 mouth
		1/4 mouth
		S.M.
		S.M.