

AR SERIES ORGAN
 EARMARK FOR
 #11212, ST. THOMAS MORE CATHOLIC CHURCH, ROCHESTER, NEW YORK
 SPECIFICATIONS FOR A SERIES 70-7A ORGAN

2/9

GENERAL

(1) ORGAN

Great Organ	Exposed Great, supply enclosure
Swell Organ	Standard design without grille
	Layout will be supplied
Wood & Finish	
Great Organ	Rift Sawn Oak - M-4150-2
Swell Organ	Dull Charcoal brown
Action	Electro-Pneumatic
Wind Pressure	See Pipe Analysis
Pitch	A-440 @ 70°F

(2) CONSOLE

Cabinet	Standard design
Wood & Finish	Rift Sawn Oak - M-4150-2
Manuals	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 organ space)

Type	Style 2-P-2116 - 1/2 HP - 1725 RPM - 6" outlet
Wind	400 c.f.m. @ 4"
Current Specification	1 Ph - 60 Cy - 120 Volts - 7.2 Amperes
Overall Size	2' - 5 3/4" long x 1' - 10 3/8" wide x 2' - 6" high

(4) POWER UNIT (located in console)

Rating	DC Output - 10-15 Volts - 30 Amperes
Current Specification	AC Input - 1 Ph - 60 Cy - 120 Volts - 10 Amperes
Overall Size	14-1/2" long, 10-3/4" wide, 7" high

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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	II-III	Mixture	126 pipes
10		Chimes	present ^{Diagan} tubes, new electric action relay, transformer and volume control- A-#22 to F-#42 21 tubes
11		Tremolo	

SWELL ORGAN (Enclosed)

12	8	Rohrflöte	73 pipes
13	8	Gemshorn	80 pipes
14	4	Spitzprincipal	73 pipes
15	4	Rohrflöte	from #12 61 notes
16	2	Spitzoctave	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	Principal	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 stage, reverse system)

Balanced Crescendo Pedal with indicator light (green jewel)

ACCESSORIESMotor 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

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 CC to BB Reg. Artiste Tapered Bass TC & up Reg. Artiste Treble			Wood) Wood) Wood & S.M.)	3-1/2"
Principal	8	80	48	18-1/2	1/4	17 Zinc S.M.	3-1/2"
Mixture	II-III	126	See Formula Below			S.M.	3-1/2"

SWELL ORGAN

Rohrflote	8	73	56	21-1/2	2/9	SM O.S. Chimneys (#19-62) 18 Zinc S.M.	3-1/2"
Gemshorn	8	80	CC 56 C 68-1/3 #56 98	19-1/2 19-1/2 17-1/2	2/9 2/9 1/6	17 Zinc S.M.	3-1/2"
Spitzprincipal	4	73	60-2/3	18-1/2	1/4	5 Zinc C.M.	3-1/2"
Contre Trompette	16	80	2-1/2	CCC to FF half length FF# up full length		D(F) Eschallots Zinc & S.M.	3-1/2"

PEDAL ORGAN

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

	19	12	12	12	15
	22	19	19		
		22			
	1-37	38-49	50-53	54-56	57-61
Unison	47 Sc.	17-1/2	1/4 mouth	S.M.	
Quint	49 Sc.	17-1/2	1/4 mouth	S.M.	