

AR SERIES ORGAN
 EARMARK FOR
 #11398, ST. PATRICK'S R. C. CHURCH, BEDFORD, NEW YORK
 SPECIFICATIONS FOR A SERIES 70-7A ORGAN

2/9+1
GENERAL 1979

(1) ORGAN

Organ	Exposed Great, Double-Decked
Wood & Finish	Layout will be supplied
Action	Rift Mawn Oak to customer's sample
Wind Pressure	Electro-Pneumatic
Pitch	See Pipe Analysis
	A-440 @ 70°F

(2) CONSOLE

Cabinet	Standard design
Wood & Finish	Rift Sawn Oak to customer's sample
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 within organ)

Type	Meidinger 1004 - .8 HP - 3360 RPM - 6" outlet
Wind	400 c.f.m. @ 4"
Current Specification	1 Ph - 60 Cy - 110 Volts - 7.2 Amperes
Overall Size	1' - 9-1/4" long x 1' - 7-5/8" wide x 1' - 11-3/4" high

(4) POWER UNIT (located in console)

Rating	DC Output - 10-15 Volts - 30 Amperes
Current Specification	AC Input - 1 Ph - 60 Cy - 110 Volts - 10 Amperes
Overall Size	14-1/2" long, 10-3/4" wide x 7" high

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--(prepared for in console only)	
11		Tremolo	

SWELL ORGAN (Enclosed)

12	8	Rohrflöte -----	73 pipes
13	8	Gemshorn -----	80 pipes
14	8	Gemshorn Celeste TC (prepared for in console only)	
15	4	Spitzprincipal -----	73 pipes
16	4	Rohrflöte-----from #12 -----	61 notes
17	2	Spitzoctave-----from #15 -----	61 notes
18	1-1/3	Larigot-----from #13-----	61 notes
19	16	Contre Trompette-----	80 pipes
20	8	Trompette -----from #17 -----	61 notes
21	4	Clairon -----from #17--(repeat 5 top notes)-----	61 notes
22		Tremolo	

PEDAL ORGAN

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	4	Rohrflöte -----from #12 -----	32 notes
29	III	Mixture -----from #7 & 9 -----	32 notes
30	16	Contre Trompette ---from #17 -----	32 notes
31	8	Trompette -----from #17 -----	32 notes
32	4	Clairon -----from #17 -----	32 notes

COUPLER

33 Swell to Great

ADJUSTABLE COMBINATIONSPistons No. 1-2-3-4
General Cancel

Affecting Full Organ

PEDAL MOVEMENTSBalanced 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 (amber jewel)
and related electrical wiring.
Concave and radiating pedal keyboard
Organ bench with music shelf
Music rack
Music rack light
Pedal light

PIPE ANALYSIS

TOP	PITCH	PIPES	SCALE	HALVING	MOUTH	METAL	WIND PRESSURE
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GREAT ORGAN

Bourdon	16	92	CCC to BBB Reg. Manual CC 56	21-1/2	Bourdon 2/9	Wood 17 Zinc S.M.	3-1/2"
Principal	8	80	48	18-1/2	1/4	19 Zinc S.M.	3-1/2"
Mixture	II-III	126	See Formula Below			S.M.	3-1/2"

SWELL ORGAN

Oborflote	8	73	56	21-1/2	2/9	SM O.S. Chimneys (19-62) 18 Zinc C.M.	3-1/2"
Emshorn	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"
Pitzprincipal	4	73	60-2/3	18-1/2	1/4	7 Zinc C.M.	3-1/2"
Contre Trompette 16		80	3" CCC to FF half length FF# up full length			D(F) Eschallots Zinc & S.M.	3-1/2"

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.	