

AR SERIES ORGAN
 EARMARK FOR
 #11302 FIRST UNITED METHODIST CHURCH, NORTHVILLE, MICHIGAN
 SPECIFICATIONS OF SERIES 70-8C ORGAN

2/10

GENERAL

(1) ORGAN

Great Organ	Standard design without grille
Swell Organ	Standard design without grille
	Layout will be supplied
Wood & Finish	Silvite - charcoal brown
Action	Electro-Pneumatic
Wind Pressure	See Pipe Analysis
Pitch	A-440 @ 70°F

(2) CONSOLE

Cabinet	Standard design with roll top
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 beneath organ cabinets)

Type	2-P-2116 - 1/2 HP - 1750 RPM - 6" outlet
Wind	400 c.f.m. @ 4"
Current Specifications	3 Ph - 60 Cy - 208 Volts - 2.1 Amperes
Overall Size	2' - 5-3/4" x 1' - 10-3/8" x 2' - 6-1/4" high

(4) POWER UNIT (located in console)

Rating	DC Output 10-15 Volts, 30 Amperes
Current Specification	1 Ph - 60 Cy - 120 Volts - 10 Amperes
Overall Size	14-1/2" L x 10-3/4" W x 7" H

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CONSOLE AND ORGAN

GREAT ORGAN (Enclosed)

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-----Mayland tubes and electric actions, relay, transformer-----	
11		Tremolo-----and volume control, A-#22 to F-#42-----	21 tubes

SWELL ORGAN (Enclosed)

12	8	Rohrflöte-----	73 pipes
13	8	Gemshorn -----	80 pipes
14	8	Gemshorn Celeste T.C. -----	49 pipes
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--(repeat 12 top notes)-----	61 notes
19	16	Contre Trompette-----	80 pipes
20	8	Trompette -----from #19-----	61 notes
21	4	Clairon -----from #19--(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 #19 -----	32 notes
31	8'	Trompette-----from #19 -----	32 notes
32	4'	Clairon -----from #19 -----	32 notes

COUPLER

33 Swell to Great

ADJUSTABLE COMBINATIONSPistons No. 1-2-3
General Cancel

Affecting Full Organ

PEDAL MOVEMENTS

Balanced Expression Pedal - Great Organ (8 contacts, reverse system)
 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 (toggle 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
 Blower enclosure

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 68 20-1/2 2/9			Wood) Wood) 5 Zinc S.M.)	3-1/2"
Principal	8	80	CC 52 TC 60 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"
Gemshorn Celeste	8 TC	49	58-1/3 @ 8' CC	19-1/2	2/9	5 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"

MIXTURE FORMULA

Great II-III Mixture

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.	