

AR SERIES ORGAN
 EARMARK FOR
 10988 FIRST CONGREGATIONAL UNITED CHURCH OF CHRIST, WYANDOTTE, MICH.
 SPECIFICATIONS FOR SERIES 70-8 ORGAN

GENERAL

(1) ORGAN

Great Organ	Chamber installation, supply two (2)
Swell Organ	Standard Series 70 Grilles
	Organ layout will be supplied
Wood & Finish	Rift Sawn Oak to color block M-4150-2 <i>To customer's samples</i>
Fabric	Mellotone
Action	Electro-Pneumatic (unit type)
Wind Pressure	Offsets 4-1/2", Trebles 3-1/2"
Pitch	A-440 @ 70°F

(2) CONSOLE

Cabinet	Standard Series 70 Design
Wood & Finish	Rift Sawn Oak to color block M-4150-2 <i>To customer's samples</i>
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) BLOWERS (Two (2) required)

Type	Meidinger #1002 - .4 HP - 3360 RPM
Rating	280 c.f.m. @ 4", 4" diam. outlet
Current Specification	1 Ph - 60 Cy - 120 Volts - 4.4 Amperes
Overall Size	1' - 6-7/8" x 1' - 6-1/8" x 1' - 10-1/4" high

(4) POWER UNIT (One Required)

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

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CONSOLE AND ORGAN

GREAT ORGAN

1	16	Bourdon.....	97 pipes
2	8	Principal.....	73 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	Flute.....from #1.....	61 notes
8	III	Mixture.....	183 pipes
9	II	Sesquialtera. TC.....	98 pipes
10		Chimes (prepared for in console only)	
11		Tremolo	

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SWELL ORGAN

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	Clairon.....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 #8.....	32 notes
29	16	Contre Trompette.....from #18.....	32 notes
30	8	Trompette.....from #18.....	32 notes
31	4	Clairon.....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 - Great Organ (8 contacts, reverse system)
 Balanced Expression Pedal - Swell Organ (8 contacts, reverse system)
 Balanced Crescendo Pedal with indicator light (Green jewel)

ACCESSORIES

Motors 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

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PIPE ANALYSIS

STOP	PITCH	PIPES	SCALE	HALVING	MOUTH	METAL	WIND PRESSURE
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GREAT ORGAN

Bourdon	16	97	CCC to BBB Reg. Manual Bourdon	Wood	)	1-16	³ 0-1/2"
			CC to BB Reg. Artiste Tapered Bass	Wood	)	17 up	3-1/2"
			TC & up Reg. Artiste Treble	Wood & SM	)		
Principal	8	73	CC 52 TC 60	18-1/2	1/4	12 All Zinc	) 1-12 ³ 0-1/2"
						13-17 Zinc & SM	) 13 up 3-1/2"
						18 up SM	
Mixture	III	183	See Formula Below				3-1/2"
Sesquialtera TC	II	98	See Formula Below				3-1/2"

SWELL ORGAN

Spitzflöte T.C.	8	73	60-2/3 @ 4'C	19-1/2	2/9	SM	3-1/2"
Gemshorn	8	85	CC 54-1/3	17-1/2	2/9 ¹⁷ 12	Zinc SM	3-1/2"
		#56	102-2/3	20-1/2 ¹⁸ 20	2/9		
Gemshorn Celeste T.C.	8	49	56-1/3 @ 8'	CC	17-1/2	1/5	SM 3-1/2"
Contre Trompette	16	85	2-1/2"	CCC to FF half length			
				FF# up full length		Zinc & SM	3-1/2"
				D(F) Eschallots			

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GREAT III MIXTURE FORMULA

15	12	8	
19	15	12	
22	19	15	
<u>1-42</u>	<u>43-48</u>	<u>49-61</u>	
Unison 50 Sc.	18-1/2	1/4 mouth	S.M.
Quint 51 Sc.	18-1/2	1/4 mouth	S.M.

GREAT II SESQUIALTERA TC FORMULA

12	12
17	15
<u>13-52</u>	<u>53-61</u>
2-2/3	68-2/3
2	74
1-3/5	75-1/2
20-1/2	2/9 mouth
20-1/2	2/9 mouth
20-1/2	1/5 mouth
	SM
	SM
	SM