

AR SERIES ORGAN
 EARMARK FOR
 #11064 - ST. JOSEPH CATHOLIC CHURCH, MONROE, MICHIGAN
 SPECIFICATIONS OF A SERIES 70-8D RANK ORGAN

2/12
GENERAL

(1) ORGAN

Great Organ
 Swell Organ
 Wood & Finish

~~Standard Design~~ *Double-decked, Great*
~~Standard Design~~ *Exposed, supply special cabinetwork*
~~Rift Sawn Oak - #4150-2~~ *Rift Sawn Oak to Customer's sample*
 Organ layout will be supplied
 Electro-Pneumatic
 See Pipe Analysis
 A-440 @ 70°F

(2) CONSOLE

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

Standard Design
 Rift Sawn Oak - ~~#4150-2~~ *to Customer's sample*
 Two and Pedal
 CC to C4, 61 notes
 CCC to G, 32 notes
 Tilting Tablets
 All Electric

(3) BLOWER

Type
 Rating
 Current Specification
 Overall Size

2-P-2116 - 1/2 HP - 1750 RPM - 6" outlet
 500 c.f.m. @ 4"
 1 Ph - 60 Cy - 110 Volts - 7.2 Amperes
 2' - 5-3/4" x 1' - 10-3/8" x 2' - 6-1/2 high

(4) POWER UNIT (located in *Console* organ space)

Rating
 Current Specification
 Overall Size

DC Output 10-15 Volts, 30 Amperes
 1 Ph - 60 Cy - 110 Volts - 10 Amperes
 14-1/2" L x 10-3/4" W x 7" H

CONSOLE AND ORGAN

GREAT ORGAN

Exposed

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	Octave.....	from #2.....	61 notes
6	4	Gedeckt.....	from #1.....	61 notes
7	2	Flute.....	from #1..repeat 5 top notes.....	61 notes
8	11	Sesquialtera TC.....	98	pipes
9	III-IV	Mixture.....	183	pipes
10		Chimes.....	prepared for in appeals only	

SWELL ORGAN*Enclosed*

12	8	Rohrflote.....	73	pipes
13	8	Gemshorn.....	80	pipes
14	4	Spitzprincipal.....	73	pipes
15	4	Rohrflote.....from #12.....	61	notes
16	2	Spitzoctave.....from #14.....	61	notes
17	1-1/3	Larigot.....from #13..repeat 12 top notes.....	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	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	Octave.....from #2.....	32	notes
27	4	Rohrflote.....from #12.....	32	notes
28	III	Mixture.....from #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

COUPLERS

32 Swell to Great

ADJUSTABLE COMBINATIONS

Pistons No. 1-2-3-4

Affecting Full Organ

PEDAL MOVEMENTS

~~Balanced Expression Pedal, Great Organ (8 stages, reverse system)~~
 Balanced Expression Pedal, Swell Organ (8 stages, 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 electrical wiring.
 Concave and radiating pedal keyboard
 Music rack light
 Pedal light

Organ bench with music shelf

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	^{3-1/2"} 4-1/2"
			CC to BB Reg. Artiste Tapered Bass	Wood	)	17 up	3-1/2"
			TC up Reg. Artiste Treble	Wood & S.M.)			

Principal	8	73	CC 52 TC 60	18-1/2	1/4	17 Zinc S.M.)	^{3-1/2"} 4-1/2" 13 up 3-1/2"
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Mixture	III-IV	183	See Formula Below			S.M.	3-1/2"
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Sesquialtera TC	II	98	See Formula Below			S.M.	3-1/2"
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SWELL ORGAN

Rohrflote	8	73	56	21-1/2	2/9	S.M. O.S. Chimneys #19-#62 18 Zinc S.M.	3-1/2"
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Gemshorn	8	80	CC 54	17-1/2	2/9 1/4	17 Zinc S.M.	3-1/2"
			C 66-1/3	17-1/2	2/9 1/4		
		#56	102-2/3	18-1/2	2/9		

Spitzprincipal	4	73	60-2/3	18-1/2	1/4	5 Zinc S.M.	3-1/2"
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Contre Trompette	16	80	2-1/2" CCC to FF half length D(F) Eschallots FF# Full length Zinc & S.M.				3-1/2"
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GREAT III-IV MIXTURE FORMULA

15	12	12		
19	15	15	12	12
22	19	19	15	
	22			
1-32	33-46	47-51	52-57	58-61

Unison	48 Sc.	17-1/2	1/4 mouth	S.M.
Quint	49 Sc.	17-1/2	1/4 mouth	S.M.

GREAT II SESQUIALTERA TC Formula

	12	12		
	17	15		
	13-56	57-61		
2-2/3	68-3/4	18-1/2	2/9 mouth	S.M.
2	74	18-1/2	2/9 mouth	S.M.
1-3/5	75-1/2	18-1/2	1/5 mouth	S.M.