

AR SERIES ORGAN
 EARMARK FOR
 #11373, ST. MARY'S R. C. CHURCH, PERU, ILLINOIS
 SPECIFICATIONS FOR A 9 RANK SERIES 70 ORGAN

2/13

GENERAL

(1) ORGAN

Great Organ	Standard Design
Swell Organ	Standard Design
Wood & Finish	Rift Sawn Oak - M-4150-2
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

Type	Kinetic 2-P-2116 - 1/2 HP - 1750 RPM - 6" outlet
Wind	540 c.f.m. @ 4"
Current Specifications	1 Ph - 60 Cy - 220 Volts - 3.6 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	AC Input: 1 Ph - 60 Cy - 110 Volts - 10 Amperes
Overall Size	1' - 2-1/2" long x 10-3/4" wide x 7" high

CONSOLE AND ORGAN

GREAT ORGAN (Unenclosed)

1	16	Bourdon-----	90 pipes
2	8	Principal -----	80 pipes
3	8	Gedeckt-----from #1 -----	61 notes
4	8	Gemshorn -----from #14 -----	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 7 top notes)-----	61 notes
9	II	Sesquialtera T.C.-----	98 pipes
10	III-IV	Mixture -----	183 pipes
11	8	Trompette -----from #21-----	61 notes
12		Tremolo	

SWELL ORGAN (Enclosed)

13	8	Rohrflote-----	73 pipes
14	8	Gemshorn -----	80 pipes
15	8	Gemshorn Celeste TC -----	49 pipes
16	4	Spitzprinzipal -----	73 pipes
17	4	Rohrflote -----from #13 -----	61 notes
18	2	Spitzoctav -----from #16 -----	61 notes
19	1-1/3	Larigot -----from #14--(repeat 12 top notes)-----	61 notes
20	16	Contre Trompette-----	80 pipes
21	8	Trompette -----from #20 -----	61 notes
22	4	Clairon -----from #20 --(repeat 5 top notes)-----	61 notes
23		Tremolo	

PEDAL ORGAN

24	16	Contra Bass-----12 pipes, 20 from #2-----	32 notes
25	16	Bourdon -----from #1-----	32 notes
26	8	Principal -----from #2 -----	32 notes
27	8	Gedeckt -----from #1 -----	32 notes
28	8	Gemshorn -----from #14-----	32 notes
29	4	Octave -----from #2 -----	32 notes
30	4	Rohrflote -----from #13 -----	32 notes
31	III	Mixture -----from #10-----	32 notes
32	16	Contre Trompette -----from #20-----	32 notes
33	8	Trompette-----from #20-----	32 notes
34	4	Clairon -----from #20 -----	32 notes

COUPLER

35 Swell to Great

ADJUSTABLE COMBINATIONS

Pistons No. 1-2-3-4-5-6-7-8

Affecting Full Organ (beneath Swell center)

PEDAL MOVEMENTS

Balanced Expression Pedal - Swell Organ (8 contacts, reverse system)

Balanced Crescendo Pedal with indicator light (green jewel)

ACCESSORIESMotor and power unit on-off switch (toggle type) with indicator light (amber jewel)
and related 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	90	CCC to BBB Reg. Manual Bourdon CC to BB Reg. Artiste Tapered Bass TC 68 C 78 21-1/2 2/9			Wood) Wood) 5 Zinc C.M.)	3-1/2"
Principal	8	80	CC 52 TC 60 18-1/2	1/4		19 Zinc S.M.	3-1/2"
Mixture	III-IV	183	See Formula Below				3-1/2"
Sesquialtera	II TC	98	See Formula Below				3-1/2"

SWELL ORGAN

Rohrflote	8	73	56	21-1/2	2/9	SM O.S. Chimneys #19-62 18 Zinc C.M.	3-1/2"
Gemshorn	8	80	CC 56 C 68-1/2 #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	56-1/2 @ 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	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"

PEDAL ORGAN

Contra Bass	16	12	CCC 36 CC 52 18-1/2	2/9 1/4		Zinc	3-1/2"
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GREAT III-IV MIXTURE FORMULA

15	12	12	12	12
19	15	15	15	
22	19	19		
	22			
1-37	38-49	50-54	55-56	57-61

Unison	47 Sc.	17-1/2	1/4 mouth	S.M.
Quint	49 Sc.	17-1/2	1/4 mouth	S.M.

GREAT II SESQUIALTERA TC MIXTURE FORMULA

12	10
17	12
13-56	57-61
2-2/3 74 Sc. @ 13	17-1/2 2/9 mouth
1-3/5 82 Sc. @ 13	17-1/2 1/5 mouth
Pull in 6 scales between 45 & 56	