

AR SERIES ORGAN

EARMARK FOR

11410 ST. JOHN'S EVANGELICAL LUTHERAN CHURCH, RICHLAND CENTER, WISCONSIN
SPECIFICATIONS FOR A 9 RANK SERIES 70 ORGAN

2/13

GENERAL

(1) ORGAN

Great Organ	Chamber installation, no cabinet
Swell Organ	Standard Design without grille
	Layout will be provided
Wood & Finish	Silvite - Charcoal grown
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 C 4, 61 notes
Pedal Compass	CCC to G, 32 notes
Stop Controls	Tilting Tablets
Action	All electric

(3) BLOWER (located in blower space)

Type	Kinetic 2-P-2116 - 1/2 HP - 1750 RPM - 6" outlet
Wind	440 CFM @ 4"
Current specifications	1 Ph - 60 Cy - 240 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 - 120 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 #15 -----	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	11	Sesquialtera T.C.	-----	98 pipes
10	III-IV	Mixture	-----	183 pipes
11	8	Trompette	----- from #21 -----	61 notes
12		Chimes	----- (prepared for in console only)	
13		Tremolo		

SWELL ORGAN (Enclosed)

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

PEDAL ORGAN

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 #15 -----	32 notes
29	4	Octave ----- from #2 -----	32 notes
30	4	Rohrflöte ----- from #14 -----	32 notes
31	III	Mixture ----- from #10 -----	32 notes
32	16	Contre Trompette ----- from #21 -----	32 notes
33	8	Trompette ----- from #21 -----	32 notes
34	4	Clairon ----- from #21 -----	32 notes

COUPLER

35 Swell to Great

ADJUSTABLE COMBINATIONS

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

Affecting Full Organ (beneath Swell center)

PEDAL MOVEMENTS

Balanced Expression Pedal - Swell Organ (8 contacts, make to close)

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 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 TC 68 21-1/2		Bass 2/9	Wood) Wood) 5 Zinc C.M.)	3-1/2"
Principal	8	80	48	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

Rohrflöte	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"

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 Pull in 6 scales between 50-61
1-3/5	82 Sc. @ 13	17-1/2	1/5 mouth Pull in 6 scales between 45-56