

AR SERIES ORGAN
 EARMARK FOR
 #11043 EVANGELICAL COVENANT CHURCH, NORTHBROOK, ILLINOIS
 SPECIFICATION OF A SPECIAL SERIES 70 8 RANK ORGAN

2/16

GENERAL

(1) ORGAN

Great Organ	Exposed, no enclosure
Swell Organ	Standard Design
Wood & Finish	Rift Sawn Oak to customer's sample
	Organ layout will be supplied
Action	Electro-Pneumatic
Wind Pressure	Offsets 4-1/2", Trebles 3-1/2"
Pitch	A-440 @ 70°F

(2) CONSOLE

Cabinet	Standard Design with roll top
Wood & Finish	Rift Sawn Oak to customer's sample
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	2-P-2116 - 1/2 HP - 1750 RPM - 6" outlet
Rating	500 c.f.m. @ 4"
Current Specification	1 Ph - 60 Cy - 110 Volts - 7.2 Amperes
Overall Size	2' - 5-3/4" x 1' - 10-3/8" x 2' - 6-1/4" high

(4) POWER UNIT (located in organ space)

Rating	DC Output 10-15 Volts, 30 Amperes
Current Specification	1 Ph - 60 Cy - 110 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

1	16	Bourdon.....	92 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 5 top notes.....	61 notes
9	II-III	Mixture.....	126 pipes
10	8	Trompette.....from #20.....	61 notes
11		Chimes...Mayland tubes & electric actions, relay, transformer & volume control A-#22 to F-#42...	21 tubes
12		Tremolo	

SWELL ORGAN

13	8	Rohrflote.....	73 pipes
14	8	Gemshorn.....	80 pipes
15	8	Gemshorn Celeste TC.....	49 pipes
16	4	Spitzprincipal.....	73 pipes
17	4	Rohrflote.....from #13.....	61 notes
18	2	Spitzoctave.....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 #7 & 9.....	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

Affecting Full Organ (Beneath Swell Center)

PEDAL MOVEMENTS

Balanced Expression Pedal, Swell Organ (8 stages, reverse system)

Balanced Crescendo Pedal with indicator light (green jewel)

ACCESSORIESMotor and power unit on-off switch (toggle type) with indicator light (red jewel)
and related electrical wiring.

Concave and radiating pedal keyboard

Organ bench with music shelf

Music rack light

Pedal light

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			Wood)	
			CC to BB Reg. Artiste Tapered Bass			Wood)	3-1/2"
			TC up Reg. Artiste Treble			Wood & S.M.)	
Principal	8	80	48	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	S.M. O.S. Chimneys 18 Zinc S.M.	3-1/2"
Gemshorn	8	80	CC 54- 54 #56 102-2/3 C 66-1/3	17-1/2 18-1/2 17-1/2	1/4 2/9 1/4	17 Zinc S.M.	3-1/2"
Gemshorn Celeste	8 TC	49	56-1/3 @ 8' CC	17-1/2	1/4	5 Zinc S.M.	3-1/2"
Spitzprincipal	4	73	60-2/3	18-1/2	1/4	5 Zinc S.M.	3-1/2"
Contre Trompette	16	80	2-1/2" CCC to FF half length D(F) Eschallots FF# Full length Zinc & S.M.				3-1/2"

PEDAL ORGAN

Contra Bass	16	12	36	18-1/2	1/4	Zinc	3-1/2"
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GREAT II MIXTURE FORMULA

19	12	12	12	15
22	19	19		
	22			
1-32	33-46	47-51	52-56	57-61
Unison 48 Sc.	17-1/2	1/4 mouth	S.M.	
Quint 49 Sc.	17-1/2	1/4 mouth	S.M.	