

AR SERIES ORGAN
 EARMARK FOR
 #11213, FIRST CONGREGATIONAL CHURCH, HUTCHINSON, KANSAS
 SPECIFICATIONS OF SERIES 70-8C ORGAN

2/10

GENERAL

(1) ORGAN

Great Organ	Exposed, supply enclosure
Swell Organ	Standard Design
	Layout will be supplied
Wood & Finish	Rift Sawn Oak to customer's sample
Action	Electro-Pneumatic
Wind Pressure	See pipe analysis
Pitch	A-440 @ 70°F

(2) CONSOLE

Cabinet	Standard Design
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	Kinetic 2-P-2116 - 1/2 H.P. - 1750 RPM - 6" outlet
Wind	400 c.f.m. @ 4"
Current Specification	3 Ph - 60 Cy - 240 Volts - 2 Amperes
Overall Size	2' - 5-3/4" x 1' - 10-3/8" x 2' - 6-1/4" high

(4) POWER UNIT (Mounted in Console Cabinet)

Rating	DC Output 10-15 Volts, 30 Amperes
Current Specification	1 Ph - 60 Cy - 120 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 (Exposed)

1	16	Bourdon		92 pipes
2	8	Principal		80 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	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		Chimes	---(Mayland tubes and electric action, relay, transformer, and volume control A-#22 to F-#42	21 tubes
11		Tremolo		

with canopy

SWELL ORGAN

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

PEDAL ORGAN

23	16	Bourdon from #1	32 notes
24	8	Principal from #2	32 notes
25	8	Gedeckt from #1	32 notes
26	8	Gemshorn from #13	32 notes
27	4	Octave from #2	32 notes
28	4	Rohrflote from #12	32 notes
29	III	Mixture from #7 & #9	32 notes
30	16	Contre Trompette from #19	32 notes
31	8	Trompette from #19	32 notes
32	4	Clairon from #19	32 notes

COUPLER

33 Swell to Great

ADJUSTABLE COMBINATIONS

Pistons No. 1-2-3-4

Affecting Full Organ

PEDAL MOVEMENTS

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.
 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	92	CCC to BBB Reg. Manual Bourdon CC to BB Reg. Artiste Tapered Bass TC up Reg. Artiste Treble			Wood) Wood) Wood & SM)	3-1/2"
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 (#19-#62) 18 Zinc, S.M.	3-1/2"
Gemshorn	8	80	CC 56 C 68-1/3 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	58-1/3 @ 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	5 Zinc C.M.	3-1/2"
Contre Trompette	16	80	2-1/2" CCC to FF half length FF# & up Full length			D(F) Eschallots Zinc & S.M.	3-1/2"

GREAT II-III MIXTURE FORMULA

19	12	12	12	15
22	19	19		
	22			
1-37	38-49	50-53	54-56	57-61
Unison	47 Sc.	17-1/2	1/4 mouth	S.M.
Quint	49 Sc.	17-1/2	1/4 mouth	S.M.