

AR SERIES ORGAN
 EARMARK FOR
 #11258 ST. ANDREW'S LUTHERAN CHURCH, AMES, IOWA
 SPECIFICATIONS FOR A SERIES 70-7A ORGAN

219

GENERAL

(1) ORGAN

Great Organ	Exposed Great, 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 (located below Swell Organ)

Type	Style 2-P-2116 - 1/2 HP - 1750 RPM - 6" outlet
Wind	400 c.f.m. @ 4"
Current Specification	1 Ph - 60 Cy - 120 Volts - 7.2 Amperes
Overall Size	2' - 5 3/4" long x 1' - 10 3/8" wide x 2' - 6" 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	14-1/2" long, 10-3/4" wide, 7" high

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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		Trompette -----	from #18 -----61 notes
11		Tremolo	

SWELL ORGAN (Enclosed)

12	8	Rohrflöte-----	73 pipes
13	8	Gemshorn -----	80 pipes
14	4	Spitzprincipal-----	73 pipes
15	4	Rohrflöte-----from #12-----	61 notes
16	2	Spitzoctave-----from #14 -----	61 notes
17	1-1/3	Larigot -----from #13 -----	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	Rohrflöte -----from #12 -----	32 notes
28	III	Mixture -----from #7 & 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

COUPLER

32 Swell to Great

ADJUSTABLE COMBINATIONS

Pistons No. 1-2-3-4

Affecting Full Organ (beneath Swell center)

PEDAL MOVEMENTS

Balanced Expression Pedal - Swell Organ (8 stage, reverse system)
 Balanced Crescendo Pedal with indicator light (green jewel)

ACCESSORIES

Motor and power unit on-off switch (lock type) with indicator light (amber 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 & S.M.)	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	SM 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"
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.	