

AR SERIES ORGAN
 EARMARK FOR
 #11256, THIRD PRESBYTERIAN CHURCH, DUBUQUE, IOWA
 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 to customer's sample
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 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 - Existing (located under organ)

Type	Present Meidinger 1004 - .8 HP - 3360 RPM - 6" outlet
Wind	540 c.f.m. @ 4"
Current Specification	1 Ph - 60 Cy - 110 Volts - 7.2 Amperes
Overall Size	1' - 9-1/4" x 1' - 7 5/8" x 2' - 4-1/4" high

(4) POWER Unit (mounted 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)
 (Imposed)

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	II	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	Rohrflote -----	73 pipes
15	8	Gemshorn -----	80 pipes
* 16	8	Gemshorn Celeste TC-----	49 pipes
17	4	Spitzprinzipal -----	73 pipes
18	4	Rohrflote -----from #14 -----	61 notes
19	2	Spitzoctave -----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	

(*) Not to be affected by Swell to Great coupler

PEDAL ORGAN

* 25	16	Principal -----12 pipes, 20 from #2 -----	32 notes
26	16	Bourdon -----from #1 -----	32 notes
27	8	Principal -----from #2 -----	32 notes
28	8	Gedeckt -----from #1 -----	32 notes
29	8	Gemshorn-----from #15 -----	32 notes
30	4	Octave -----from #2 -----	32 notes
31	4	Rohrflote -----from #14 -----	32 notes
32	III	Mixture -----from #10 -----	32 notes
33	16	Contre Trompette -----from #21 -----	32 notes
34	8	Trompette -----from #21 -----	32 notes
35	4	Clairon -----from #21 -----	32 notes

(*) Exposed

COUPLER

36 Swell to Great (except 8 Gemshorn Celeste TC)

ADJUSTABLE COMBINATIONS

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

Affecting Full Organ (beneath Swell center)
4-5-6 duplicated by toe levers (to right)

PEDAL MOVEMENTS

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

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

	PITCH	PIPES	SCALE	HALVING	MOUTH	METAL	WIND PRESSURE
<u>GREAT ORGAN</u>							
n	16	90	CCC to BBB Reg. Manual Bourdon CC to BB Reg. Artiste Tapered Bass TC up Reg. Artiste Treble	20 1/2	2/9	Wood) Wood) Wood & S.M. 5 Zinc	3-1/2"
pal	8	80	CC 52 TC 60	18-1/2	1/4	17 Zinc S.M.	3-1/2"
e	III-IV	183	See Formula Below				3-1/2"
altera	II TC	98	See Formula Below				3-1/2"
<u>SWELL ORGAN</u>							
ote	8	73	56	21-1/2	2/9	SM O.S. Chimneys #19-#62 18 Zinc S.M.	3-1/2"
m	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"
rn Celeste	8 TC	49	58-1/3 @ 8' CC	19-1/2	2/9	5 Zinc S.M.	3-1/2"
incipal	4	73	60-2/3	18-1/2	1/4	5 Zinc C.M.	3-1/2"
Trompette	16	80	2-1/2" CCC to FF half length FF# up full length			D(F) Eschallots Zinc & S.M.	3-1/2"
<u>PEDAL ORGAN</u>							
pal	16	12	CCC 36 CC 52	18-1/2	1/4	Zinc	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
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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