

File

AR SERIES ORGAN
EARMARK FOR
#11029, FIRST UNITED METHODIST CHURCH, MASON CITY, ILLINOIS
SPECIFICATIONS FOR 7 rank SERIES 70 ORGAN

2/9
GENERAL

(1) ORGAN

Great Organ	Standard Design
Swell Organ	Standard Design
	Layout will be supplied
Wood & Finish	Rift Sawn Oak to customer's sample
Action	Electro-Pneumatic (unit type)
Wind Pressure	Offsets 4-1/2", Trebles 3-1/2"
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 in Blower Room)

Type	Style 2-P-2116, 1/2 H.P., 1725 RPM
Rating	500 c.f.m. @ 4", 6" outlet
Current Specification	1 Ph - 60 Cy - 220 Volts - 3.6 Amperes
Overall Size	2' - 5-3/4" long x 1' - 10-3/8" wide x 2'-6" high

(4) POWER UNIT (located in Swell Organ *Platform*)

Rating	DC Output - 10-15 Volts - 30 Amperes
Current Specification	AC Input - 1 Ph - 60 Cy - 220 Volts - 5 Amperes
Overall Size	14-1/2" long, 10-3/4" wide, 7" high

* * * * *

CONSOLE AND ORGAN
GREAT ORGAN

1	16	Bourdon.....	92 pipes
2	8	Principal.....	80 pipes
3	8	Gedecktfrom #1.....	61 notes
4	8	Genshorn.....from #14.....	61 notes
5	4	Octav.....from #2.....	61 notes
6	4	Gedeckt.....from #1.....	61 notes
7	2	Super Octav.....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
0	8	Trompette.....from #19.....	61 notes
1		Chimes.....prepared for in console only	
2		Tremolo	

SWELL ORGAN

13	8	Rohrflöte.....	73 pipes
14	8	Gemshorn.....	80 pipes
15	4	Spitzprincipal.....	73 pipes
16	4	Rohrflöte.....from #13.....	61 notes
17	2	Spitzoctav.....from #15.....	61 notes
18	1-1/3	Larigot.....from #14.....	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 #14.....	32 notes
27	4	Octav.....from #2.....	32 notes
28	4	Rohrflöte.....from #13.....	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

~~(3 and 4 duplicated by toe levers)~~

PEDAL MOVEMENTS

Balanced Expression Pedal - Great Organ (8 stage, reverse system)

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

Balanced Crescendo 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 light with 4" shelf

Pedal light

Wood Music Rack

PIPE ANALYSIS

STOP	PITCH	PIPES	SCALE	HALVING	MOUTH	METAL	WIND PRESSURE
------	-------	-------	-------	---------	-------	-------	---------------

GREAT ORGAN

Bourdon	16	92	CCC to BBB Reg. Manual Bourdon	Wood	) 1-16	4-1/2"
			CC to BB Reg. Artiste Tapered Bass	Wood	) 17 up	3-1/2"
			TC up Reg. Artiste Treble	Wood & S.M.)		
Principal	8	80	CC 52 TC 60	18-1/2	1/4	17 Zinc S.M.) 1-12 4-1/2"
						) 13 up 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"
Genshorn	8	80	CC 54- 55	17-1/2	^{1/4} 2/9	17 Zinc S.M.		
			#56 102-2/3	18-1/2	2/9			3-1/2"
			C 66-1/3	17-1/2	1/4			
			^{2/3} 60-3/4	18-1/2	1/4	5 Zinc S.M.		3-1/2"
Spitzprincipal	4	73						
Contre Trompette	16	80	2-1/2	CCC to FF half length	D(F) Eschallots	3-1/2"		
				FF# up full length	Zinc & S.M.			

GREAT II-III 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.