

AR SERIES ORGAN
EARMARK FOR
#11236, FIRST UNITED METHODIST CHURCH, LEWISTOWN, MONTANA
SPECIFICATIONS FOR A SERIES 70-6 ORGAN

2/8

GENERAL

(1) ORGAN

Great Organ
Swell Organ
Wood & Finish
Action
Wind Pressure
Pitch

Standard Design
Standard Design
Rift Sawn Oak *to customer's sample*
Electro-Pneumatic (unit type)
See Pipe Analysis
A-440 @ 70°F

(2) CONSOLE

Cabinet
Wood & Finish
Manual
Manual Compass
Pedal Compass
Stop Controls
Action

Standard Design
Rift Sawn Oak *to customer's sample*
Two and Pedal
CC to C4, 61 notes
CCC to G, 32 notes
Tilting Tablets
All Electric

(3) BLOWER (located under organ)

Type
Rating
Current Specifications
Overall Size

Kinetic 2-P-2118 - 3/4 HP - 1750 RPM - 6" outlet
650 c.f.m. @ 4"
1 Ph - 60 Cy - 110 Volts - 10.4 Amperes
2' - 9-3/4" long x 1' - 10-3/8" wide x 2' - 6-1/4" high

(4) POWER UNIT (located in console cabinet)

Rating
Current Specifications
Overall Size

DC Output - 10-15 Volts - 30 Amperes
AC Input - 1 Ph - 60 Cy - 110 Volts - 10 Amperes
14-1/2" long x 10-3/4" wide x 7" high

CONSOLE AND ORGAN

GREAT ORGAN (Enclosed)

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--(repeats 5 top notes) -----	61 notes
8	2	Flute -----from #1--(repeats 5 top notes) -----	61 notes
9	II-III	Mixture -----	126 pipes
10		Chimes----(prepared for in console only)	
11		Tremolo	

SWELL ORGAN (Enclosed)

12	8	Spitzflöte-----	(low octave from #13)-----	68 pipes
13	8	Gemshorn-----		85 pipes
14	4	Spitzflöte-----	from #12-----	61 notes
15	2	Spitzflöte-----	from #12--(repeat 5 top notes)-----	61 notes
16	1-1/3	Larigot -----	from #13--(repeat 7 top notes)-----	61 notes
17	16	Contre Trompette-----		80 pipes
18	8	Trompette -----	from #17-----	61 notes
19	4	Clarion -----	from #17--(repeat 5 top notes)-----	61 notes
20		Tremolo		

PEDAL ORGAN

21	16	Bourdon -----	from #1-----	32 notes
22	8	Principal -----	from #2 -----	32 notes
23	8	Gedeckt -----	from #1 -----	32 notes
24	8	Gemshorn -----	from #13 -----	32 notes
25	4	Octave -----	from #2 -----	32 notes
26	4	Spitzflöte -----	from #12 -----	32 notes
27	III	Mixture -----	from #7 & 9 -----	32 notes
28	16	Contre Trompette-----	from #17 -----	32 notes
29	8	Trompette -----	from #17 -----	32 notes
30	4	Clarion -----	from #17 -----	32 notes

COUPLERS

31 Swell to Great

ADJUSTABLE COMBINATIONS

Pistons No. 1-2-3-4

Affecting Full Organ

PEDAL MOVEMENTS

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

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	CC 52 TC 60	18-1/2	1/4	17 Zinc S.M.)	3-1/2"
Mixture	II-III	126	See Formula Below				3-1/2"

SWELL ORGAN

Spitzflote T.C.	8	68	60-2/3 @ 4'C	19-1/2	1/5	5 Zinc S.M.	3-1/2"
Gemshorn	8	85	CC 56 C 66-1/3 #56 98	19-1/2 19-1/2 17-1/2	2/9 2/9 1/6	17 Zinc S.M.	3-1/2"
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.

HWW/nr
5/2/77IMPORTANT

Voice @ 4" for 3200 ft. elevation