

AR SERIES ORGAN
 EARMARK FOR
 #11401 FIRST LUTHERAN CHURCH, MILES CITY, MONTANA
 SPECIFICATIONS FOR A SERIES 70-7B ORGAN

2/9

GENERAL

(1) ORGAN

Great Organ	Exposed - provide enclosure
Swell Organ	Standard design
	Layout will be supplied
Wood & Finish	Rift Sawn Oak - M-4150-2
Action	Electro-Pneumatic (unit type)
Wind Pressure	See Pipe Analysis
Pitch	A-440 @ 70°F

(2) CONSOLE

Cabinet	Standard Design
Wood & Finish	Rift Sawn Oak - M-4150-2
Manual	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 on organ platform)

Type	Meidinger 1004 - .8 HP - 3360 RPM - 6" outlet
Wind	320 c.f.m. @ 4"
Current Specifications	1 Ph - 60 Cy - 208 Volts - 3.6 Amperes
Overall Size	1' - 9-1/4" long x 1' - 7-5/8" wide x 1' - 11-3/4" high

(4) POWER UNIT (located in console cabinet)

Rating	DC Output - 10-15 Volts - 30 Amperes
Current Specifications	AC Input - 1 Ph - 60 Cy - 120 Volts - 10 Amperes
Overall Size	14-1/2" long x 10-3/4" wide x 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		Chimes---(prepared for in console only)	
11		Tremolo	

SWELL ORGAN (Enclosed)

12	8	Spitzflöte----- (low octave from #13)-----	73 pipes
13	8	Gemshorn -----	85 pipes
14	8	Gemshorn Celeste T.C. -----	49 pipes
15	4	Spitzflöte----- from #12 -----	61 notes
16	2	Spitzflöte ----- from #12 -----	61 notes
17	1-1/3	Larigot----- from #13-- (repeat 7 top notes)-----	61 notes
18	16	Contre Trompette-----	85 pipes
19	8	Trompette ----- from #18 -----	61 notes
20	4	Clairon ----- from #18 -----	61 notes
21		Tremolo	

PEDAL ORGAN

22	16	Principal ----- 12 pipes, 20 from #2-----	32 notes
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	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

PEDAL MOVEMENTS

Balanced Expression Pedal - Swell Organ (8 contacts, make to close)

Balanced Crescendo Pedal with indicator light (green jewel)

ACCESSORIESMotor and power unit on-off switch (lock type) with indicator light (red 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 CC 56	Bourdon 21-1/2	2/9	Wood) 17 Zinc C.M.)	3-1/2"
Principal	8	80	48	18-1/2	1/4	19 Zinc S.M.	3-1/2"
Mixture	II-III	126	See Formula Below				3-1/2"

SWELL ORGAN

Spitzflöte TC	8	73	60-2/3 @ 4'C	19-1/2	1/5	5 Zinc C.M.	3-1/2"
Gemshorn	8	85	CC 56 C 68-1/2 #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 TC	8	49	56-1/2 @ 8'C	19-1/2	2/9	5 Zinc S.M.	3-1/2"
Contre Trompette	16	85	3" CCC to FF half length FF# up full length D(F) Eschallots			Zinc & S.M.	3-1/2"

PEDAL ORGAN

Principal	16	12	36	18-1/2	1/4	Zinc	3-1/2"
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GREAT II-III MIXTURE FORMULA

	19	12	12	12	15
	22	19	19		
		22			
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	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.	