

AR SERIES ORGAN
 EARMARK FOR
 #10967, CONCORDIA LUTHERAN CHURCH, DULUTH, MINN.
 SPECIFICATIONS FOR A SERIES 70-7B ORGAN

2/8

GENERAL

(1) ORGAN

Great Organ	Exposed, Supply Enclosure
Swell Organs	Standard Series 70 Design
	Organ layout will be supplied
Wood & Finish	Rift Sawn Oak to customer's sample
Fabric	Mellotone
Action	Electro-Pneumatic (unit type)
Wind Pressure	Offsets 4-1/2", Trebles 3-1/2"
Pitch	A-440 @ 70°F

(2) CONSOLE

Cabinet	Standard Series 70 Design
Wood & Finish	Rift Sawn Oak to customer's sample
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

Type	2-P-2116 - 1/2 H.P - 1750 RPM
Rating	500 c.f.m. @ 4" - 6" outlet
Current Specifications	1 Ph - 60 Cy - 110 Volts - 7.2 Amperes
Overall Size	2' - 5 3/4" x 1' - 10 3/8" x 2' - 6 1/4"

(4) POWER UNIT

Rating	DC Output: 10-15 Volts - 30 Amperes
Current Specifications	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

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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	Flutefrom #1.. (repeat 5 top notes)	61 notes
9	II	Mixture	122 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	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	Spitzflöte.....from #12	32 notes
28	III	Mixture.....from #7 & 9.....	32 notes
29	16	Contre Trompette	32 notes
30	8	Trompette.....from #18.....	32 notes
31	4	Clairon.....from #18.....	32 notes

COUPLERS

32 Swell to Great

ADJUSTABLE COMBINATIONS

Pistons No. 1-2-3-4

Affecting Full Organ

PEDAL MOVEMENTS

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

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 light

Pedal light

Wood Music Rack

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 Wood) CC 56 20-1/2 2/9 S.M.)	1-12 4-1/2" 13 up 3-1/2"
Principal	8	80	CC 52 TC 60 18-1/2 1/4 12 Zinc S.M.)	1-12 3-1/2" 13 up 3-1/2"
Mixture	II	122	See Formula Below	3-1/2"

SWELL ORGAN

Spitzflöte T.C.	8	73	60-2/3 @ 4'C 19-1/2 2/9 S.M.	3-1/2"
Gemshorn	8	85	CC 54-1/3 17-1/2 2/9 12 Zinc S.M.) #56 102-2/3 20-1/2 2/9	3-1/2"
Gemshorn Celeste T.C.	8	49	56-1/3 @ 8' CC 17-1/2 1/5 S.M.	3-1/2"
Contre Trompette	16	85	2-1/2" CCC to FF half length FF# up full length D(F) Eschallots Zinc & S.M.	3-1/2"

GREAT II MIXTURE FORMULA

	19	15	12
	22	19	15
	1-49	50-56	57-61
Unison	50 Sc.	18-1/2	1/4 mouth S.M.
Quint	51 Sc.	18-1/2	1/4 mouth S.M.