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AR SERIES ORGAN  
EARMARK FOR  
#11279, TRINITY LUTHERAN CHURCH, NASHVILLE, ILLINOIS  
SPECIFICATIONS FOR A SERIES 70-7A ORGAN

2/9

GENERAL

(1) ORGAN

Great Organ	Exposed Great, supply enclosure
Swell Organ	Standard design
	Layout will be supplied
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
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 space)

Type	2-P-2116 - 1/2 HP - 1750 RPM - 6" outlet
Wind	400 c.f.m. @ 4"
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 console)

Rating	DC Output - 10-15 Volts - 30 Amperes
Current Specification	AC Input - 1 Ph - 60 Cy - 110 Volts - 10 Amperes
Overall Size	14-1/2" long, 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		Trompette	from #18 61 notes
11		Tremolo	



SWELL ORGAN (Enclosed)

12	8	Rohrflöte	73 pipes
13	8	Gemshorn	80 pipes
14	4	Spitzprincipal	73 pipes
15	4	Rohrflöte	61 notes
16	2	Spitzoctave	61 notes
17	1-1/3	Larigot	61 notes
18	16	Contre Trompette	80 pipes
19	8	Trompette	61 notes
20	4	Clairon	61 notes
21		Tremolo	

PEDAL ORGAN

22	16	Bourdon	32 notes
23	8	Principal	32 notes
24	8	Gedeckt	32 notes
25	8	Gemshorn	32 notes
26	4	Octave	32 notes
27	4	Rohrflöte	32 notes
28	III	Mixture	32 notes
29	16	Contre Trompette	32 notes
30	8	Trompette	32 notes
31	4	Clairon	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 stage, reverse system)

Balanced Crescendo Pedal with indicator light (green jewel)

ACCESSORIESMotor and power unit on-off switch (lock type) with indicator light (amber jewel)  
and related electrical 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			Wood	
			<del>CC to BB Reg. Artiste Tapered Bass</del>			Wood	3-1/2"
			<del>TC 68 CC 56</del> 20-1/2	2/9	19 1/2	Zinc, S.M.	
Principal	8	80	48	18-1/2	1/4	19 1/2 Zinc S.M.	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 <del>S.M.</del> C.M.	3-1/2"
Genshorn	8	80	CC 56	19-1/2	2/9		
			C 68-1/2	19-1/2	2/9	17 Zinc S.M.	3-1/2"
			#56 98	17-1/2	1/6		
Spitzprincipal	4	73	60-2/3	18-1/2	1/4	7 1/2 Zinc C.M.	3-1/2"
Contre Trompette	16	80	2-1/2	CCC to FF half length FFF up full length		D(F) Eschallots Zinc & S.M.	3-1/2"

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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.