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AR SERIES ORGAN
EARMARK FOR
#11101, HOLY TRINITY EPISCOPAL CHURCH, INTERNATIONAL FALLS, MINNESOTA
SPECIFICATIONS FOR A ~~SPECIAL~~ SERIES 70-6 ORGAN

2/8

GENERAL

(1) ORGAN

Great Organ	Exposed - supply 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 in blower space)

Type	Kinetic 2-P-2116 - 1/2 HP - 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" long x 1' - 10-3/8" wide x 2'-6-1/4" high

(4) POWER UNIT (located in console cabinet)

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

CONSOLE AND ORGAN

GREAT ORGAN (Exposed)

1	16	Bourdon	92 pipes
2	8	Principal.....	80 pipes
3	8	Gedecktfrom #1.....	61 notes
4	8	Gemshornfrom #13.....	61 notes
5	4	Octavefrom #2.....	61 notes
6	4	Gedeckt.....from #1.....	61 notes
7	2	Super Octavefrom #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	Larigotfrom #13...(repeat 7 top notes).....	61 notes
17	16	Contre Trompette	80 pipes
18	8	Trompette.....from #19 ^{#17}	61 notes
19	4	Clarionfrom #19 ^{#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	Octavefrom #2	32 notes
26	4	Spitzflöte.....from #12.....	32 notes
27	III	Mixture.....from #7 & 9	32 notes
28	16	Contre Trompettefrom #19 ^{#17}	32 notes
29	8	Trompette.....from #19 ^{#17}	32 notes
30	4	Clarion.....from #19 ^{#17}	32 notes

COUPLERS

31 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

Wood music rack

Music rack light

Pedal light

PIPE ANALYSIS

TOP	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 to BB Reg. Artiste Tapered Bass			Wood)	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.	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	2/9	5 Zinc S.M.	3-1/2"
Shornhorn	8	85	CC 54	17-1/2			
			C 66-1/3	17-1/2	2/9	17 Zinc S.M.	3-1/2"
			#56 102-2/3	18-1/2			
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"

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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.