

70-8A

AR SERIES ORGAN EARMARK FOR

#11025, ST. PAUL'S LUTHERAN CHURCH, PORTLAND, OREGON

2/10

GENERAL

(1) ORGAN

Great Organ	Standard Series 70 Design
Swell Organ	Standard Series 70 Design
Wood & Finish	Rift Sawn Oak - M-4150-2
Action	Electro-Pneumatic (All units)
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 - M-4150-2
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 (Two (2) Required)

Type	Heidinger 1002 - .4 HP - 3360 RPM
Rating	280 c.f.m. @ 4" - 4" outlet
Current Specifications	1 Ph - 60 Cy - 120 Volts - 4.4 Amperes
Size	1' - 6-7/8" long x 1' - 6-1/8" wide x 1' - 10-1/4" high

(4) POWER UNIT (located in Swell Organ)

Rating	DC Output: 10 to 15 Volts - 30 Amperes
Current Specification	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.....	97 pipes
2	8	Principal.....	73 pipes
3	8	Gedeckt.....from #1.....	61 notes
4	8	Gemshorn.....from #13.....	61 notes
5	4	Octav.....from #2.....	61 notes
6	4	Gedeckt.....from #1.....	61 notes
7	2	Flute.....from #1.....	61 notes
8	III	Mixture.....	183 pipes
9	4	Trichter Regal.....	61 pipes
10		Chimes.....prepared for in console only	
11		Tremolo	

SWELL ORGAN (Enclosed)

12	8	Rohrflöte.....	73 pipes
13	8	Gemshorn.....	80 pipes
14	4	Spitzprincipal.....	73 pipes
15	4	Rohrflöte.....from #12.....	61 notes
16	2	Spitzoctav.....from #14.....	61 notes
17	1-1/3	Larigot.....from #13 (repeat 12 top notes).....	61 notes
18	16	Contre Trompette.....	80 pipes
19	8	Trompettefrom #18.....	61 notes
20	4	Clarion.....from #18 (repeat 5 top notes).....	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	Octav.....from #2.....	32 notes
27	4	Rohrflöte.....from #12.....	32 notes
28	III	Mixture.....from #8.....	32 notes
29	16	Contre Trompette...from #18.....	32 notes
30	8	Trompette.....from #18.....	32 notes
31	4	Trichter Regal.....from #9.....	32 notes

COUPLER

32 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 (red jewel)
 and related electrical wiring.

Organ bench with music shelf

Concave and radiating pedal keyboard

Music rack light
Pedal light

PIPE ANALYSIS

STOP	PITCH	PIPES	SCALE	HALVING	MOUTH	METAL	WIND PRESSURE
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GREAT ORGAN (Exposed)

Bourdon	16	97	CCC to BBB Reg. Manual Bdn.			Wood) 1-16	4-1/2"
			CC to BB Reg. Artiste Tapered Bass			Wood) 17 up	3-1/2"
			TC up Reg. Artiste Treble			S.M.)	
Principal	8	73	CC 52 TC 60	18	1/4	17 Zinc S.M.)	1-12 4-1/2"
							13 up 3-1/2"
Mixture	III	183	See Formula Below			S.M.	3-1/2"
Trichter Regal	4	61	2-1/2" Brass Tube, Funnel Top			D(F) Eschallots	3-1/2"

SWELL ORGAN (Enclosed)

Rohrflöte	8	73	56	21	2/9	Sm O.S. Chimneys	
						18 Zinc S.M.	3-1/2"
Gemshorn	8	80	CC 54-1/3	17	2/9	17 Zinc S.M.)	
			#56 102-2/3	20	2/9	)	3-1/2"
Spitzprinzipal	4	73	60-3/4	18	1/4	5 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"

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GREAT III MIXTURE FORMULA

15	12	8
19	15	12
22	19	15
<u>1-42</u>	<u>43-48</u>	<u>49-61</u>

Unison	50 Sc.	18-1/2	1/4 mouth	S.M.
Quint	51 Sc.	18-1/2	1/4 mouth	S.M.