

AR SERIES ORGAN
EARMARK FOR

#11338, HOLLAND HALL SCHOOL, TULSA, OKLAHOMA

2/11

SPECIFICATIONS OF SERIES 70-8B ORGAN

All Saints Chapel

GENERAL

(1) ORGAN

Great Organ	Exposed - no enclosure
Swell Organ	Standard Design
	Layout will be supplied
Wood & Finish	Rift Sawn Oak, M-4150-2
Action	Electro-Pneumatic
Wind Pressure	See Pipe Analysis
Pitch	A-440 @ 70°F

(2) CONSOLE

Cabinet	Standard Design with roll top
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 (mounted in organ space)

Type	2-P-2116 - ^{3/4} 1 HP - 1750 RPM - 6" outlet
Wind	400 c.f.m. @ 4"
Current Specification	1 Ph - 60 Cy - 208 Volts - 5.2 Amperes
Overall Size	2' - 5-3/4" x 1' - 10-3/8" x 2' - 6-1/4" high

(4) POWER UNIT (located in console)

Rating	DC Output 10-15 Volts - 30 Amperes
Current Specification	1 Ph - 60 Cy - 110 Volts - 10 Amperes
Overall Size	14-1/2" L x 10-3/4" W x 7" H

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	Octave-----from #2-----	61 notes
6	4	Gedeckt-----from #1-----	61 notes
7	2	Flute-----from #1-----	61 notes
8	III-IV	Mixture -----	183 pipes
9	4	Trichter Regal-----	61 pipes
10		Chimes (prepared for in console only)	
11		Tremolo	

SWELL ORGAN (Enclosed)

12	8	Spitzflote-----#1-12 from #13 -----	73 pipes
13	8	Gemshorn-----	85 pipes
14	8	Gemshorn Celeste TC-----	49 pipes
15	4	Spitzflote -----from #12-----	61 notes
16	2	Spitzflote -----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	Contrebasse-----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 #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 - Swell Organ (8 stages - reverse system)
 Balanced Crescendo Pedal with indicator light (green jewel)

ACCESSORIES

Motors 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
 Rigid 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	97	CCC to BBB Reg. Manual Bourdon			Wood)	
			CC to BB Reg. Artists Tapered Bass			Wood)	
		CC 56	TC 68 C78 21-1/2	2/9	17	Zinc C.M.)	3-1/2"
Principal	8	73	48	18-1/2	1/4	19 Zinc S.M.)	3-1/2"
Mixture	III	183	See Formula Below				3-1/2"
Trichter Regal	4	61	2-1/2" Brass Tube Funnel Top			D(F) Eschallots	3-1/2"

SWELL ORGAN

Spitzflote	8 TC	73	60-2/3 @ 4'C	19-1/2	1/5	5 Zinc C.M.	3-1/2"
Gemshorn	8	85	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		
Gemshorn Celeste	8 TC	49	56-1/2 @ 8' CC	19-1/2	1/6	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 III-IV Mixture Formula

15	12	12	12	12
19	15	15	15	
22	19	19		
	22			

1-37	38-49	50-54	55-56	57-61
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Unison	47 Sc.	17-1/2	1/4 mouth	S.M.
Quint	49 Sc.	17-1/2	1/4 mouth	S.M.