

AR SERIES ORGAN
 EARMARK FOR
 #11481, OUR LORD'S COMMUNITY CHURCH, OKLAHOMA CITY, OKLA.
 SPECIFICATIONS FOR A SERIES 70-8E ORGAN

2/12

GENERAL

(1) ORGAN

Great Organ	Exposed and Divided, provide enclosures
Swell Organ	Standard design
	Layout will be supplied
Wood & Finish	Rift Sawn Oak - M-4150-2 <i>to customer's sample</i>
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 <i>to customer's sample</i>
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 HP - 1750 RPM - 6" outlet
Wind	400 c.f.m. @ 4"
Current Specification	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 (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-----	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	II	Sesquialtera T.C. -----	98 pipes
9	III-IV	Mixture -----	183 pipes
10		Chimes--(prepared for in console only)	
11		Tremolo	

SWELL ORGAN (Enclosed)

8	Spitzflöte-----	(low octave from #13)-----	73 pipes
8	Gemshorn-----		85 pipes
8	Gemshorn Celeste T.C. -----		49 pipes
4	Spitzflöte -----	from #12 -----	61 notes
2	Spitzflöte-----	from #12-----	61 notes
1-1/3	Larigot -----	from #13--(repeat 7 top notes)-----	61 notes
16	Contre Trompette-----		85 pipes
8	Trompette -----	from #18-----	61 notes
4	Clairon-----	from #18-----	61 notes
	Tremolo		

PEDAL ORGAN

16	Bourdon-----	from #1-----	32 notes
8	Principal-----	from #2-----	32 notes
8	Gedeckt-----	from #1-----	32 notes
8	Gemshorn-----	from #13-----	32 notes
4	Octave-----	from #2-----	32 notes
4	Spitzflöte-----	from #12-----	32 notes
III	Mixture-----	from #9 -----	32 notes
16	Contre Trompette---	from #18-----	32 notes
8	Trompette-----	from #18-----	32 notes
4	Clairon -----	from #18-----	32 notes

COUPLER

Swell to Great

ADJUSTABLE COMBINATIONS

ons No. 1-2-3-4
ral Cancel

Affecting Full Organ

PEDAL MOVEMENTS

anced Expression Pedal - Swell Organ (8 contacts, make to close)
anced Crescendo Pedal with indicator light (green jewel)

ACCESSORIES

r and power unit on-off switch (lock type) with indicator light (amber jewel)
d related wiring.
ave and radiating pedal keyboard
n bench with music shelf
c rack

PIPE ANALYSIS

OP	PITCH	PIPES	SCALE	HALVING	MOUTH	METAL	WIND PRESSURE
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GREAT ORGAN

Bourdon	16	97	CCC to BBB Reg. Manual Bourdon CC to BB Reg. Artiste Tapered Bass TC 68	21-1/2	2/9	Wood Wood 5 Zinc C.M.	3-1/2"
Principal	8	73	48	18-1/2	1/4	19 Zinc S.M.	3-1/2"
Mixture	III-IV	183	See Formula Below				3-1/2"
Sesquialtera TC	II	98	See Formula Below				3-1/2"

SWELL ORGAN

Flügel	8 TC	73	60-2/3 @ 4' C	19-1/2	1/5	5 Zinc C.M.	3-1/2"
Shorn	8	85	CC 56 C 68-1/2 #56 98	19-1/2 19-1/2 17-1/2	2/9 2/9 1/6	17 Zinc S.M.	3-1/2"
Shorn Celeste TC	8	49	56-1/2 @ 8' CC	19-1/2	2/9	5 Zinc S.M.	3-1/2"
Antre Trompette	16	85	3" CCC to FF half length FF# up full length			Zinc & S.M. D(F) Esch.	3-1/2"

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

Unison	47 Sc.	17-1/2	1/4 mouth S.M.
Quint	49 Sc.	17-1/2	1/4 mouth S.M.

GREAT II SESQUIALTERA TC FORMULA

12	10
17	12
13-56	57-61

2-2/3	74 @ #13	17-1/2	2/9 mouth	S.M.	Pull in 6 scales between 50-61
1-3/5	82 @ #13	17-1/2	1/5 mouth	S.M.	Pull in 6 scales between 45 & 56, break at 57