

AR SERIES ORGANS
EARMARK FOR
#11557 HOLY NAME CATHOLIC CHURCH, CHICKASHA, OKLAHOMA
SPECIFICATIONS FOR A SERIES 70-8E organ

2/12

GENERAL

(1) ORGAN

Great Organ	Exposed - provide enclosure
Swell Organ	Standard design
	Layout will be supplied
Wood & Finish	Rift-sawn oak to customer's sample
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 to customer's sample
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 with under-key contacts and switches for stops and couplers

(3) BLOWER (located in blower space)

Type	Kinetic 2-P-2116 - 1/2 HP - 1750 RPM - 6" outlet
Wind	400 CFM @ 4"
Current specification	1 Ph - 60 Cy - 240 Volts - 3.6 Amperes
Overall Size	2' - 5 3/4" x 1' - 10 3/8" x 2' - 6 1/4"

(4) POWER UNIT (located in *Great Organ* console cabinet)

Rating	DC Output - 10-15 Volts - 30 Amperes
Current Specifications	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	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)

12	8	Spitzflöte -----(low octave from #13)0-----	73	pipes
13	8	Gemshorn -----	85	pipes
14	8	Gemshorn Celeste T.C. -----	49	pipes
15	4	Spitzflöte -----from #12 -----	61	notes
16	2	Spitzflöte -----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	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	Octave -----from #2 -----	32	notes
27	4	Spitzflöte -----from #12 -----	32	notes
28	III	Mixture -----from #9 -----	32	notes
29	16	Contre Trompette -----from #18 -----	32	notes
30	8	Trompette -----from #18 -----	32	notes
31	4	Clairon -----from #18 -----	32	notes

COUPLER

32	Great to Pedal
33	Swell to Pedal
34	Swell to Great
35	Swell to Great 4

ADJUSTABLE COMBINATIONS

Pistons No. 1-2-3-4
General Cancel

Affecting Full Organ

PEDAL MOVEMENTS

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

ACCESSORIES

Motor and power unit On-Off switch (lock type) with indicator light (amber jewel)
and related wiring.
Concave and radiating pedal keyboard
Organ bench with music shelf
Music rack

PIPE ANALYSIS

STOP	PITCH	PIPES	SCALE	HALVING	MOUTH	METAL	WIND PRESSURE
<u>GREAT ORGAN</u>							
Bourdon	16	97	CCC to BBB RMB CC 56	21-1/2	2/9	Wood 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-IV	183	See Formula Below				3-1/2"
Sesquialtera TC. II		98	See Formula below				3-1/2"

SWELL ORGAN

<u>SWELL ORGAN</u>							
Spitzflöte	8 TC	73	60-2/3 @ 4'C	19-1/2	1/5	5 Zinc C.M.)	1-4 4-1/2" 5 up 3-1/2"
Gemshorn	8	85	CC 56	19-1/2	2/9	17 Zinc S.M.)	1-12 4-1/2"
			C 68-1/2	19-1/2	2/9		13 up 3-1/2"
			#56 98	17-1/2	1/6		
Gemshorn Celeste TC	8	49	56-1/2 @ 8' CC	19-1/2	2/9	5 Zinc S.M.	3-1/2"
Contre Trompette	16	85	3" CCC to FF half length FF# up full length			Zinc & S.M. D(F) Escapillots	3-1/2"

GREAT III-IV MIXTURE FORMULA

15	12	12	12	12
19	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