

File

AR SERIES ORGAN

EARMARK FOR

#11457, WALL STREET UNITED METHODIST CHURCH, JEFFERSONVILLE, INDIANA

SPECIFICATIONS FOR A SERIES 70-9B ORGAN

2/13

GENERAL

ORGAN

Great Organ
Swell Organ

Wood & Finish
Action
Wind Pressure
Pitch

Standard design
Standard design
Layout will be supplied
Rift Sawn Oak - M-4150-2
Electro-Pneumatic
See Pipe Analysis
A-440 @ 70°F

CONSOLE

Cabinet
Wood & Finish
Manuals
Manual Compass
Pedal Compass
Stop Controls
Action

Standard design with roll top
Rift Sawn Oak - M-4150-2
Two and Pedal
CC to C4, 61 notes
CCC to G, 32 notes
Tilting Tablets
All Electric

LOWER

Type
Wind
Current Specification
Overall Size

2-P-2116 - ^{3/4}1 1/2 HP - 1750 RPM - 6" outlet
440 c.f.m. @ 4"
3 Ph - 60 Cy - 208 Volts - 1.9 Amperes
2' - 5-3/4" x 1' - 10-3/8" x 2' - 6-1/4"

POWER UNIT (located in console)

Rating
Current Specification
Overall Size

DC Output - 10-15 Volts - 30 Amperes
AC Input: 1 Ph - 60 Cy - 120 Volts - 10 Amperes
14-1/2" x 10-3/4" x 7" high

CONSOLE AND ORGAN

GREAT ORGAN (Enclosed)

16	Bourdon-----	97 pipes
8	Principal -----	73 pipes
8	Gedeckt -----from #1-----	61 notes
8	Gemshorn-----from #13-----	61 notes
4	Octave -----from #2-----	61 notes
4	Gedeckt -----from #1-----	61 notes
2	Flute -----from #1-----	61 notes
II	Sesquialtera T.C. -----	98 pipes
III-IV	Mixture -----	183 pipes
	Chimes----(Mayland tubes and electric actions with relays, transformer and volume control, A to F, #22 to #42--	21 tubes
	Tremolo	

SWELL ORGAN (Enclosed)

8	Rohrflöte -----	73 pipes
8	Gemshorn -----	80 pipes
8	Gemshorn Celeste TC -----	49 pipes
4	Spitzprincipal -----	73 pipes
4	Rohrflöte-----from #12 -----	61 notes
2	Spitzoctave -----from #15 -----	61 notes
1-1/3	Larigot -----from #13 -(repeat 12 top notes)-----	61 notes
16	Contre Trompette -----	80 pipes
8	Trompette -----from #19-----	61 notes
4	Clairon -----from #19--(repeat 5 top notes) -----	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	Rohrflöte -----from #12-----	32 notes
III	Mixture-----from #9 -----	32 notes
16	Contre Trompette -----from #19 -----	32 notes
8	Trompette -----from #19 -----	32 notes
4	Clairon-----from #19 -----	32 notes

COUPLERS

Swell to Great

ADJUSTABLE COMBINATIONS

s No. 1-2-3-4-5-6
1 Cancel

Affecting Full Organ

PEDAL MOVEMENTS

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

ACCESSORIES

and power unit on-off switch (toggle type) with indicator light (amber jewel)
e, radiating pedal clavier
bench with music shelf
rack
rack light
light
e platform for console

PIPE ANALYSIS

STOP	PITCH	PIPES	SCALE	HALVING	MOUTH	METAL	WIND PRESSURE
<u>GREAT ORGAN</u>							
Bourdon	16	97	CCC to BBB Reg. Manual Bourdon CC to BB Reg. Artiste Taper Bass TC 68	21-1/2	2/9	Wood) 1-16 1-16 ^{1-16 2 1/2"} Wood) 17 3-1/2" ^{17 up} 5 Zinc C.M.)	3-1/2"
Principal	8	73	CC 52 TC 60	18-1/2	1/4	19 Zinc S.M.) 1-12 1-12 ^{1-12 2 1/2"} 13 3-1/2" ^{13 up 3 1/2"}	3-1/2"
Mixture	III-IV	183	See Formula Below				3-1/2"
Sesquialtera TC	II	98	See Formula Below				3-1/2"
<u>SWELL ORGAN</u>							
Rohrflote	8	73	56	21-1/2	2/9	Sm. O.S. Chimneys 19-62 18 Zinc C.M.	3-1/2"
Gemshorn	8	80	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"
Gemshorn Celeste TC	8	49	56-1/2 @ 8' CC	19-1/2	2/9	5 Zinc S.M.	3-1/2"
Spitzprincipal	4	73	60-2/3	18-1/2	1/4	7 Zinc C.M.	3-1/2"
Contre Trompette	16	80	3" CCC to FF half length FF# up full length D(F) Eschallots			Zinc & S.M.	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
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 Sc. @ #13	17-1/2	2/9 mouth	S.M. (Pull in 6 scales between 50-61)
1-3/5 82 Sc. @ #13	17-1/2	1/5 mouth	S.M. (Pull in 6 scales between 45-56, break at 57)