

AR SERIES ORGAN
 EARMARK FOR
 #11519 OUR LADY OF GRACE CONVENT, BEECH GROVE, INDIANA
 SPECIFICATIONS FOR A SERIES 70-9B ORGAN

2/13
GENERAL

(1) ORGAN

Great Organ	Exposed & Divided - provide paneling
Swell Organ	Standard Design
Pedal 16 Principal	Exposed - provide paneling
	Layout will be supplied
Wood & Finish	
Great & Pedal	Rift Sawn Oak-to customer's sample
Swell	Cabinet - Silvite, Charcoal Brown
	Grille - Rift Sawn Oak-to customer's sample
Action	Electro-Pneumatic
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>
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 (located in blower space)

Type	2-P-2116 - ^{3/4} 1 1/2 HP - 1750 RPM - 6" outlet
Wind	480 c.f.m. @ 4"
Current Specification	³ Ph - 60 Cy - 208 Volts - 1.9 Amperes
Overall Size	2' - 5 3/4" long x 1' - 10 3/8" wide x 2' - 6" high

(4) POWER UNIT (located in console)

Rating	DC Output - 10-15 Volts - 30 Amperes
Current Specification	AC Input - 1 Ph - 60 Cy - 120 Volts - 10 Amperes
Overall Size	14-1/2" x 10-3/4" x 7"

CONSOLE AND ORGAN

GREAT ORGAN (Exposed)

1	16	Bourdon	97 pipes
2	8	Principal	73 pipes
3	8	Gedecktfrom #1.....	61 notes
4	8	Gemshornfrom #13.....	61 notes
5	4	Octavefrom #2.....	61 notes
6	4	Gedecktfrom #1.....	61 notes
7	2	Flutefrom #1.....	61 notes
8	II	Sesquialtera TC	98 pipes

GREAT ORGAN (Exposed) continued

9	III-IV	Mixture.....	183 pipes
10		Chimes.....Mayland tubes and electric actions, relay, transformer & volume control A to F, #22 to #42...	21 tubes
11		Tremolo	

SWELL ORGAN (Enclosed)

12	8	Rohrflöte.....	73 pipes
13	8	Gemshorn	80 pipes
14	8	Gemshorn Celeste TC.....	49 pipes
15	4	Spitzprincipal	73 pipes
16	4	Rohrflötefrom #12	61 notes
17	2	Spitzoctave.....from #15	61 notes
18	1-1/3	Larigot.....from #13..(repeat 12 top notes).....	61 notes
19	16	Contre Trompette	80 pipes
20	8	Trompette.....from #19	61 notes
21	4	Claironfrom #19..(repeat 5 top notes).....	61 notes
22		Tremolo	

PEDAL ORGAN

23	16	Principal.....12 pipes, 20 from #2	32 notes
24	16	Bourdon.....from #1	32 notes
25	8	Principal.....from #2	32 notes
26	8	Gedeckt.....from #1	32 notes
27	8	Gemshorn.....from #13	32 notes
28	4	Octave.....from #2	32 notes
29	III	Mixturefrom #9	32 notes
30	16	Contre Trompette....from #19.....	32 notes
31	8	Trompette.....from #19.....	32 notes
32	4	Claironfrom #19.....	32 notes

COUPLER

33 Swell to Great

ADJUSTABLE COMBINATIONS

Pistons No. 1-2-3-4

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 electrical wiring.
Concave, radiating pedal claviers
Organ bench with music shelf
Music rack
Music rack light
Pedal light
Movable platform for console

PIPE ANALYSIS

STOP	PITCH	PIPES	SCALE	HALVING	MOUTH	METAL	WIND PRESSURE
GREAT ORGAN							
Bourdon	16	97	CCC to BBB Reg. Manual Bourdon			Wood)	3-1/2"
			CC to BB Reg. Artiste Tapered Bass			17 Wood)	
			TC 68 CC 56	21-1/2	2/9	5 Zinc C.M.)	
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	II TC	98	See Formula Below				3-1/2"
SWELL ORGAN							
Rohrflöte	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	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	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"
PEDAL ORGAN							
Principal	16	12	CCC 36	18-1/2	1/4	Zinc	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 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		