

AR SERIES ORGAN
 EARMARK FOR
 #11525 ST. JOSEPH'S CATHOLIC CHURCH, PEABODY, MASSACHUSETTS
 SPECIFICATIONS OF A 9 RANK SERIES 70 ORGAN

GENERAL

2/13

(1) ORGAN

Great Organ	Standard design
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 (located in blower room)

Type	2-P-2116 - 1/2 HP - 1750 RPM - 6" outlet
Wind	440 c.f.m. @ 4"
Current Specifications	1 Ph - 60 Cy - 230 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 console)

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

CONSOLE AND ORGAN

GREAT ORGAN (Enclosed)

1	16	Bourdon-----	92 pipes
2	8	Principal-----	80 pipes
3	8	Gedeckt -----from #1-----	61 notes
4	8	Gemshorn-----from #14-----	61 notes
5	4	Octave-----from #2-----	61 notes
6	4	Gedeckt -----from #1-----	61 notes
7	2	Super Octave-----from #2--(repeat 5 top notes)-----	61 notes
8	2	Flute-----from #1--(repeat 5 top notes)-----	61 notes
9	II	Sesquialtera TC-----	98 pipes
10	III-IV	Mixture -----	183 pipes
11		Chimes---(prepared for in console only)	
12		Tremolo	

SWELL ORGAN (Enclosed)

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

PEDAL ORGAN

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 #14 -----	32 notes
28	4	Octave -----from #2 -----	32 notes
29	4	Rohrflöte -----from #13-----	32 notes
30	III	Mixture -----from #10-----	32 notes
31	16	Contre Trompette---from #20-----	32 notes
32	8	Trompette-----from #20-----	32 notes
33	4	Clairon -----from #20-----	32 notes

COUPLER

34 Swell to Great

ADJUSTABLE COMBINATIONS

Pistons No. 1-2-3-4

Affecting Full Organ

PEDAL MOVEMENTS

Balanced Expression Pedal - Great Organ (8 contacts, make to close)

Balanced Expression Pedal - Swell Organ (8 contacts, make to close)

Balanced Crescendo Pedal with indicator light (green jewel)

ACCESSORIESMotor and power unit on-off switch (toggle type) with indicator light (amber jewel)
and related electrical wiring.

Concave and radiating pedal keyboard

Organ bench with music shelf

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	92	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.)	1-16 4-1/2" 17 up 3-1/2"
Principal	8	80	CC 52 TC 60	18-1/2	1/4	19 Zinc S.M.)	1-12 4-1/2" 13 up 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

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	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"

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)