

AR SERIES ORGAN
 BARMARK FOR
 #11030, ST. PETERS EPISCOPAL CHURCH, SOUTH DARTMOUTH, MASS.
 SPECIFICATIONS FOR A 7 RANK SERIES 70 ORGAN

2/9

GENERAL

(1) ORGAN

Great Organ	Standard Design
Swell Organ	Standard Design
Wood & Finish	Organ layout will be supplied
Action	Rift Sawn Oak, M-4150-2
Wind Pressure	Electro-Pneumatic (unit type)
Pitch	Offsets 4-1/2", Trebles 3-1/2"
	A-440 @ 70°F

(2) CONSOLE

Cabinet	Standard Design with roll top
Wood & Finish	Rift Sawn Oak M-4150-2
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 (located in Swell Organ)

Type	Meidinger 1000 ² - ^{1.4} HP - 3360 RPM - ^{4"} outlet
Rating	280 280 c.f.m. @ 4" ¹¹⁰
Current Specification	1 Ph - 60 Cy - 220 ^{4.4} Volts - 2 ^{4.4} Amperes
Overall Size	1' - 11 1/8" ^{6-7/8"} long x 1' - 25 1/8" ^{6-1/8"} wide x 1' - 11 3/8" ^{10-1/4"} high

(4) POWER UNIT (located in Great Organ)

Rating	DC Output - 10-15 Volts- 30 Amperes ¹¹⁰
Current Specifications	AC Input: 1 Ph - 60 Cy - 220 ¹¹⁰ Volts - 2 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

1	16	Bourdon	92 pipes
2	8	Principal.....	80 pipes
3	8	Gedeckt.....from #1.....	61 notes
4	8	Gemshorn	61 notes
5	4	Octav.....from #2.....	61 notes
6	4	Gedeckt.....from #1.....	61 notes
7	2	Super Octav.....from #2..(repeats 5 top notes).....	61 notes
8	2	Flute.....from #1..(repeats 5 top notes).....	61 notes
9	II-III	Mixture.....	126 pipes
10		Blank.....provide slide in console #1-61	
11		Tremolo	

SWELL ORGAN

12	8	Spitzflöte.....(low octave from #13).....	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	Octav.....from #2.....	32 notes
27	4	Spitzflöte.....from #12.....	32 notes
28	III	Mixture.....from #7 & 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

COUPLERS

32 Swell to Great

ADJUSTABLE COMBINATIONS

Pistons No. 1-2-3-4

Affecting Full Organ

PEDAL MOVEMENTS

Balanced Expression Pedal - Great Organ (8 contacts, reverse system)
 Balanced Expression Pedal - Swell Organ (8 contacts, reverse system)
 Balanced Crescendo Pedal with indicator light (Green jewel)

ACCESSORIES

Motor and power unit on-off switch (^{toggle}~~lock~~ type) with indicator light (red jewel)
 and related wiring.
 Concave and radiating pedal keyboard
 Organ bench with music shelf
 Music rack light
 Pedal light

PIPE ANALYSIS

STOP	PITCH	PIPES	SCALE	HALVING	MOUTH	METAL	WIND PRESSURE
<u>GREAT ORGAN</u>							
Bourdon	16	92	CCC to BBB Reg. Manual Bourdon				Wood) 1-16 4-1/2"
			CC to BB Reg. Artiste Tapered Bass				Wood) 17 up 3-1/2"
			TC up Reg. Artiste Treble				Wood & S.M.)
Principal	8	80	CC 52 TC 60	18-1/2	1/4	17 Zinc S.M.)	1-12 4-1/2"
						)	13 up 3-1/2"
Mixture	II-III	126	See Formula Below				3-1/2"

SWELL ORGAN

Spitzflote T.C.	8	73	60-2/3 @ 4'C	19-1/2	2/9	5 Zinc S.M.	3-1/2"
Gemshorn	8	85	CC 54- 5/3	17-1/2	2/9 1/4	17 Zinc S.M.	3-1/2"
			#56 102-2/3	18-1/2	2/9		
			C 66-1/3	17-1/2	1/4		
Gemshorn Celeste TC	8	49	56-1/3 @ 8' CC	17-1/2	1/5	5 Zinc S.M.	3-1/2"
Contre Trompette	16	85	2-1/2"	CCC to FF half length			
				FF# up full length			
				D(F) Eschallots			Zinc & S.M. 3-1/2"

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GREAT II-III MIXTURE FORMULA

	19	12	12	12	15
	22	19	19		
		22			
	1-32	33-46	47-51	52-56	57-61
Unison	48 Sc.	17-1/2	1/4 mouth	S.M.	
Quint	49 Sc.	17-1/2	1/4 mouth	S.M.	