

AR SERIES ORGAN
EARMARK FOR

#11489, ST. PETER'S EPISCOPAL CHURCH, DEL MAR, CALIFORNIA
SPECIFICATIONS OF A 15 RANK SERIES 70 ORGAN

3/19
GENERAL

DMT

(1) ORGAN

Great	Unenclosed, no cabinet
Swell	Standard Cabinet
Nave	Exposed & Divided, provide enclosure
Pedal	Exposed, provide enclosure
	Layout will be supplied
Wood & Finish	Rift Sawn Oak to customer's sample
Action	Electro-pneumatic
Wind Pressure	See Pipe Analysis
Pitch	A-440 @ 70°F

(2) CONSOLE

Cabinet	Special Design
Wood & Finish	To customer's sample
Manuals	Three and Pedal
Manual Compass	CC to C4, 61 notes
Pedal Compass	CCC to G, 32 notes
Stop Controls	Draw Knobs
Action	Electro-pneumatic

(3) BLOWERS

Main Organ (located in organ space)

Type	Kinetic 2-P-2118, 3/4 HP, 1750 RPM, 8" outlet
Wind	500 c.f.m. @ 3-1/2"
Current Specification	1 ph - 60 cy - 240 240 volts - 3.6 amperes
Overall Size	2'-9-3/4" x 1' - 10-3/8" x 2' - 6-1/4"

Nave Organ (located in right organ area)

Type	Meidinger 1004, .7 HP, 3360 RPM, 6" outlet
Wind	240 c.f.m. @ 3-1/2" ¹²⁰
Current Specification	1 ph - 60 cy - 240 240 volts - 3.6 amperes
Overall Size	1' - 9-1/4" x 1' - 7-1/4" x 1' - 11-3/4"

(4) POWER UNIT (located in Main Organ)

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"

ST. PETER'S EPISCOPAL CHURCH, DEL MAR, CALIFORNIA
 CONSOLE AND ORGAN
GREAT ORGAN - Unenclosed 8

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 TC -----	98 pipes
9	III-IV	Mixture -----	183 pipes
10		Chimes -----prepared for in console only	
11		Tremolo	

SWELL ORGAN - Enclosed 5

12	8	Rohrflote -----	73 pipes
13	8	Gemshorn -----	80 pipes
14	8	Gemshorn Celeste TC -----	49 pipes
15	4	Spitzprincipal-----	73 pipes
16	4	Rohrflote -----from #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	Clairon -----from #19--(repeat 5 top notes) -----	61 notes
22		Tremolo	

NAVE ORGAN - Exposed 5

23	8	Gedeckt-----	80 pipes
24	8	Salicional -----	80 pipes
25	8	Voix Celeste TC -----	49 pipes
26	4	Principal -----	73 pipes
27	4	Flute -----from #23-----	61 notes
28	4	Salicet -----from #24-----	61 notes
29	2	Principal-----from #26-----	61 notes
30	2	Flute -----from #23--(repeat 5 top notes) -----	61 notes
31	1-1/3	Larigot -----from #24--(repeat 12 top notes) -----	61 notes
32	8	Trompette-----	61 pipes
33		Tremolo	

PEDAL ORGAN - Exposed 1

34	16	Contrebasse-----	44 pipes
35	16	Bourdon -----from #1-----	32 notes
36	16	Gedeckt-----12 pipes, 20 from #23 -----	32 notes
37	8	Principal -----from #34-----	32 notes
38	8	Gedeckt-----from #23 -----	32 notes
39	8	Slicional -----from #24 -----	32 notes
40	8	Gemshorn -----from #13 -----	32 notes
41	4	Octave -----from #2-----	32 notes
42	III	Mixture -----from #9-----	32 notes
43	16	Contre Trompette---from #19 -----	32 notes
44	8	Trompette-----from #19 -----	32 notes
45	4	Clairon-----from #19 -----	32 notes

COUPLERS

46 Great to Pedal
47 Swell to Pedal
48 Nave to Pedal
49 Swell to Great
50 Swell to Nave
51 Nave to Great

ADJUSTABLE COMBINATIONS

Pistons No. 1-2-3-4	Affecting Great Organ
Pistons No. 1-2-3-4	Affecting Swell Organ
Pistons No. 1-2-3-4	Affecting Nave Organ
Toe Studs No. 1-2-3-4	Affecting Pedal Organ
Pistons No. 1-2-3-4-5-6	Affecting Full Organ
General Cancel	

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 related electrical wiring for main blower.

Motor switch (lock type) with related electrical wiring for Nave blower.

Blower motors indicator light (amber jewel)

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
GREAT ORGAN							
Bourdon	16	97	CCC to BBB Reg. Manual CC to BB Reg. Artiste TC 68	Bourdon Tapered Bass 21-1/2 2/9		Wood) Wood) 5 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	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"
NAVE ORGAN							
Gedeckt	8	80	1-12 Large Manual Bourdon 13 up Reg. St. Flt.			Wood Wood	3-1/2"
Salicional	8	80	52	18-1/2	2/9	21 Zinc S.M.	3-1/2"
Voix Celeste	8 TC	49	52	18-1/2	2/9	9 Zinc S.M.	3-1/2"
Principal	4	73	56-2/3	17-1/2	1/4	Pull Sc. in 6 Sc. between #50 & 61 9 Zinc S.M.	3-1/2"
Trompette	8	61	3"	42-1/2		Zinc & S.M. C(F) Esch.	3-1/2"
PEDAL ORGAN							
Principal	16	44	CCC 33 CC 44	17-1/2	1/4	29 Zinc S.M.	3-1/2"
Gedeckt	16	12	Large Manual Bourdon			Wood	3-1/2"

MIXTURE FORMULAS

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 (Pull in 6 scales between 50-61)
1-3/5	82 Sc. @ 13	17-1/2	1/5 mouth (Pull in 6 scales between 45-56, break at 57)