

File

AR SERIES ORGAN
EATMARK FOR
#11468, KIRISUTOKYO DOKURITSU-GAKUEN, YAMAGATA-KEN, JAPAN
SPECIFICATIONS FOR A SERIES 70-6 ORGAN

Tokyo, Jpn

2/8

GENERAL

(1) ORGAN

Great Organ	Exposed and Divided - provide enclosure
Swell Organ	Special Design
	Organ layout will be supplied
Action	Electro-pneumatic (unit type)
Wood & Finish	Rift Sawn Oak - M-4150-2
Wind Pressure	See Pipe Analysis
Pitch	A-440 @ 70°F

(2) CONSOLE

Cabinet	Standard design
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 blower space)

Type	Kinetic 2-P-2116 - 1/2 HP - 1460 RPM - 6" outlet
Wind	360 c.f.m. @ 3-1/2"
Current Specifications	1 Ph - 50 Cy - 100 Volts - $8.0 \pm$ Amperes
Overall Size	2' - 5-3/4" long x 1' - 10-3/8" wide x 2' - 6-1/4" high

(4) POWER UNIT (two required, located in console and organ)

Rating	DC Output - 10-15 Volts - 30 Amperes Each
Current Specifications	AC Input - 1 Ph - 50 Cy - 100 Volts - 12 Amperes
Overall Size	14-1/2" long x 10-3/4" wide x 7" high <i>each</i>

CONSOLE AND ORGAN

GREAT ORGAN (Exposed)

1	16	Bourdon-----	92 pipes
2	8	Principal-----	80 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	Super Octave-----from #2--(repeat 5 top notes)-----	61 notes
8	2	Flute-----from #1--(repeat 5 top notes)-----	61 notes
9	II-III	Mixture -----	126 pipes
10		Chimes---(prepared for in console only)	
11		Tremolo	

SWELL ORGAN (Enclosed)

12	8	Spitzflöte-----{low octave from #13}-----	68 pipes
13	8	Gemshorn-----	85 pipes
14	4	Spitzflöte-----from #12-----	61 notes
15	2	Spitzflöte-----from #12--(repeat 5 top notes)-----	61 notes
16	1-1/3	Larigot-----from #13--(repeat 7 top notes)-----	61 notes
17	16	Contre Trompette-----	80 pipes
18	8	Trompette -----from #17-----	61 notes
19	4	Clairon-----from #17--(repeat 5 top notes)-----	61 notes
20		Tremolo	

PEDAL ORGAN

21	16	Bourdon-----from #1 -----	32 notes
22	8	Principal-----from #2 -----	32 notes
23	8	Gedeckt-----from #1 -----	32 notes
24	8	Gemshorn -----from #13 -----	32 notes
25	4	Octave -----from #2 -----	32 notes
26	4	Spitzflöte-----from #12 -----	32 notes
27	III	Mixture -----from #7 & 9 -----	32 notes
28	16	Contre Trompette--from #17-----	32 notes
29	8	Trompette -----from #17-----	32 notes
30	4	Clairon-----from #17-----	32 notes

COUPLERS

31 Swell to Great

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 wiring.
 Concave and radiating pedal keyboard
 Organ bench with music shelf
 Music rack

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	
			CC to BB Reg. Artiste Tapered Bass			Wood	3-1/2"
			TC 68	21-1/2	2/9	8 Zinc C.M.	
			CC 56				
Principal	8	80	48	18-1/2	1/4	19 Zinc S.M.	3-1/2"
Mixture	II-III	126	See Formula Below			S.M.	3-1/2"
<u>SWELL ORGAN</u>							
Spitzflote T.C.	8	68	60-2/3 @ 4'C	19-1/2	1/5	5 Zinc C.M.	3-1/2"
Gemshorn	8	85	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	1/4			
Contre Trompette	16	80	3" CCC to FF half length FF# up full length D(F) Eschallots			Zinc & S.M.	3-1/2"

GREAT II-III MIXTURE FORMULA

	19	12	12	12	15
	22	19	19		
		22			
	1-37	38-49	50-53	54-56	57-61
Unison	47 Sc.	17-1/2	1/4 mouth	S.M.	
Quint	49 Sc.	17-1/2	1/4 mouth	S.M.	