

AR SERIES ORGAN
EARMARK FOR
#11397, TRINITY LUTHERAN CHURCH, WACO, TEXAS
SPECIFICATIONS FOR A SERIES 70-7B ORGAN

2/9

GENERAL

(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 (unit type)
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

(See attached sheet for blower info)

(3) BLOWERS (two required)

Type
Wind
Current Specifications
Overall Size

*Great blower detached in blower enclosure
(located in organ cabinets)
Swell blower in organ cabinet
G. Meidinger #804, 0.5, 1 Ph, 60 Cy, 110 V
4 Meidinger 804 - 1/2 HP - 3360 RPM - 4" outlet
480 c.f.m. @ 4" Suck 260 c.f.m. @ 4" Swell 180 c.f.m. @ 4"
1 Ph - 60 Cy - 220 Volts - 2.2 Amperes
1' - 6-7/8" long x 1' - 6-1/8" wide x 1' - 10-1/4" high*

(4) POWER UNIT (located in console cabinet)

Rating	DC Output - 10-15 Volts - 30 Amperes
Current Specifications	AC Input - 1 Ph - 60 Cy - 110 Volts - 10 Amperes
Overall Size	14-1/2" long x 10-3/4" wide x 7" high

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 #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	-----Mayland tubes & electric actions with canopy, relay, (prepared for in console only)
11		Tremolo	transformer and volume control - A to F - #22 to #42---21 tubes

SWELL ORGAN (Enclosed)

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	Principal-----	12 pipes, 20 from #2-----	32 notes
23	16	Bourdon -----	from #1 -----	32 notes
24	8	Principal-----	from #2 -----	32 notes
25	8	Gedeckt -----	from #1-----	32 notes
26	8	Gemshorn -----	from #13 -----	32 notes
27	4	Octave -----	from #2-----	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

* Unenclosed

COUPLER

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)

ACCESSORIESMotor 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

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.)	3-1/2"
Principal	8	80	CC 52 TC 60	18-1/2	1/4	19 Zinc S.M.	3-1/2"
Mixture	II-III	126	See Formula Below				3-1/2"

SWELL ORGAN

Spitzflöte TC	8	73	60-2/3 @ 4' C	19-1/2	1/5	5 Zinc C.M.	3-1/2"
Gemshorn	8	85	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 T.C.	8	49	56-1/2 @ 8'C	19-1/2	2/9	5 Zinc S.M.	3-1/2"
Contre Trompette	16	85	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 CC 52	18-1/2	1/4	Zinc	3-1/2"
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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.	

CHANGE ORDER

M. P. MÖLLER, INC.

HAGERSTOWN, MD.

PROD. ORDER No. 11397 DATE October 24, 1979

Trinity Lutheran Church

Waco

Texas

CUSTOMER

CITY

STATE

To Holders of Series 70 Specifications

CHANGE under BLOWERS to read -

BLOWERS (two required) Gt. blower detached in blower enclosure
Sw. blower in organ cabinet

Type Gt. organ - Meidinger 1004 - .8 HP - 3360 RPM - 4" outlet
Sw. organ - Meidinger 804 - .5 HP - 3360 RPM - 4" outlet

Current Specification - Gt. blower - 1 Ph - 60 Cy - 220 Volts - 3.6 Amps.
Sw. blower - 1 Ph - 60 Cy - 110 Volts - 4.8 Amps.

Overall Size - Gt. blower - 1' - 7-5/8" L x 1' - 8-3/4" W x 1' - 9-3/4" H
- Sw. blower - 1' - 4-5/8" L x 1' - 8-7/8" W x 1' - 9-3/4" H

COPIES TO:

AEM/mr

SIGNED

M. P. Möller