

AR SERIES ORGAN
EARMARK FOR
#11382, YORKSHIRE UNITED METHODIST CHURCH, YORK, PA.
SPECIFICATIONS FOR A 7 RANK SERIES 70 ORGAN

2/9

GENERAL

ORGAN

Great Organ	Exposed & Divided - provide enclosures
Swell Organ	Standard design without grille
	Layout will be supplied
Wood & Finish	
(Great	Birch to customer's paint finish
(Swell	Silvite - Charcoal Brown
Action	Electro-Pneumatic (unit type)
Wind Pressure	See Pipe Analysis
Pitch	A-440 @ 70°F

CONSOLE

Cabinet	Standard design
Wood & Finish	<i>Mahogany</i> Rift Sawn Oak to customer's stain finish
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

BLOWERS - Two required, located in organ spaces

Great, Swell & Pedal side (right)

Type	2-P-2116 - 1/2 HP - 1750 RPM - 6" outlet
Wind	260 cfm @ 3-1/2"
Current Specification	1 Ph - 60 Cy - 120 Volts, 7.2 Amperes
Overall Size	2' - 5-3/4" long x 1' - 10-3/8" wide x 2' - 6-1/4" high

16 Bourdon side (left)

Type	2-P-1716 - 1/2 HP - 1750 RPM - 4" outlet
Wind	80 cfm @ 3-1/2"
Current Specification	1 Ph - 60 Cy - 120 Volts - 7.2 Amperes
Overall Size	2' - 3-1/2" long x 1' - 8" wide x 2' - 1-1/8" high

POWER UNIT (located in Great - Swell Organ)

Rating	DC Output - 10-15 Volts - 30 Amperes
Current Specifications	AC Input - 1 Ph - 60 Cy - 120 Volts - 10 Amperes
Overall Size	14-1/2" long x 10-3/4" wide x 7" high

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-----Mayland tubes & electric actions, relay transformer and volume control - A to F - #22 to #42 -----	21 tubes
11		Tremolo	

SWELL ORGAN (Enclosed)

12	8	Rohrflöte -----	85 pipes
13	8	Gemshorn -----	80 pipes
14	8	Vox Celeste T.C.-----	49 pipes
15	4	Rohrflöte -----from #12 -----	61 notes
16	2	Rohrflöte -----from #12 -----	61 notes
17	1-1/3	Larigot -----from #13--(repeat 12 top notes)-----	61 notes
18	16	Contre Trompette -----	80 pipes
19	8	Trompette -----from #18 -----	61 notes
20	4	Clairon -----from #18 --(repeat 5 top notes)-----	61 notes
21		Tremolo	

PEDAL ORGAN

22	16	Bourdon -----from #1-----	32 notes
23	8	Principal-----from #2-----	32 notes
24	8	Rohrflöte -----from #12 -----	32 notes
25	4	Octave -----from #2 -----	32 notes
26	4	Gedeckt -----from #1 -----	32 notes
27	III	Mixture -----from #9 -----	32 notes
28	16	Contre Trompette -----from #18 -----	32 notes
29	4	Clairon-----from #18 -----	32 notes

COUPLERS

30	Great to Pedal
31	Swell to Pedal
32	Swell to Great

ADJUSTABLE COMBINATIONS

Pistons No. 1-2-3-4-5-6
General Cancel

Affecting Full Organ

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 (red 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 DD Reg. Artiste tapered bass DD#1 TC 68 59	21-1/2	2/9	Wood Wood 14 Zinc, S.M.	3-1/2"
Principal	8	80	48	18-1/2	1/4	19 Zinc S.M.	3-1/2"
Mixture	II-III	126	See Formula Below				3-1/2"

SWELL ORGAN

Rohrflote	8	85	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 TC	8	49	56-1/2 @ 8' C	19-1/2	2/9	5 Zinc S.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 II-III MIXTURE FORMULA

19	12	12	12	15
22	19	19		
	22			

HWV/mr
8/7/79

	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.	