


## Makeup Air Unit

<b>AIR HANDLING UNIT No.</b>	<b>1</b>		
<b>SERVICE</b>	Paint Booth #4		
<b>MODEL</b>	Eng. A DE221/O		
<b>SUPPLY FAN - SIZE/TYPE</b>	25/25 Forward Curve Blower		
<b>AIRFLOW RATE (l/s) (cfm)</b>	<b>9438</b>	20000	
<b>EXTERNAL STATIC REQUIRED (Pa) (in.)</b>	<b>375</b>	1.50	
<b>MOTOR (kW) (Hp)</b>	<b>15</b>	20.00	
<b>FILTER SECTION</b>	2 in Pleated Filter		
<b>DUAL FUEL BURNER (N.GAS/PROPANE)</b>	2596MBH Input, 110 degree F temperature rise		
<b>Remarks</b>	Outdoor unit c/w mixing section		

	<b>Project:</b>	<b>City of Winnipeg Transit Garage</b>	<b>Makeup Air Unit Schedule</b>
	<b>File:</b>	13-064-01	<b>Paint Booty #4 Makeup Air Unit Replacement</b>
	<b>Date:</b>	Apr-13	<b>Designer: XW</b>

### Fan Schedule

FAN NO.	SERVICE	FAN TYPE	LOCATION	FAN MODEL	CAP. (cfm) (l/s)	E.S.P. (in. W.G.) (Pa)	SPD. (rpm)	OUT. VEL. (fpm) (m/s)	BRK. (HP) (BkW)	MTR. (HP) (kW)	REMARKS
EF-1	Paint Booth #4 Exhaust	Inline Centrifugal Roof Upblast Fan	Roof	TCBRU-2-36-150	20000 9439	1.30 325	1725		12.93 9.64	15.00 11.19	VFD 12 inch roof curb Spark resistant

#### Fan Schedule



Project: **City of Winnipeg Transit Garage**  
**Paint Booth #4 Makeup Air Unit Replacement**

File: 13-064-01                      Designer: XW  
Date: Apr-13                              Sheet: **MS-2**

**Grilles, Registers and Diffusers**

TYPE	MANUFAC-TURER	MODEL	BOR-DER	CORE	VOLUME CONT.	FRAME	FASTNG.	FINISH	REMARKS
R-1	E H Price	82	F				A	B12	24 in x 24 in

**Grille, Register and Diffuser Schedule**



Project: **City of Winnipeg Transit Garage**  
**Paint Booty #4 Makeup Air Unit Replacement**  
File: 13-064-01      Designer: XW  
Date: Apr-13          Sheet: **MS-3**