

5 7978 North Fraser Way Burnaby, B.C. V5J 0C7 Tel: 604 433 4243 Fax: 604 433 4148 E-mail: info@maxammetal.com

VAN-MET® MODEL FDL-150

TWO HOUR FIRE-RATED ACCESS DOOR Insulated for Wall or Ceiling Application

STANDARD CONSTRUCTION:

- 0.85mm [22ga.]

1.99mm [14ga.]

- SATIN FINISH GALVANIZED (GALVANNEALED) STEEL.

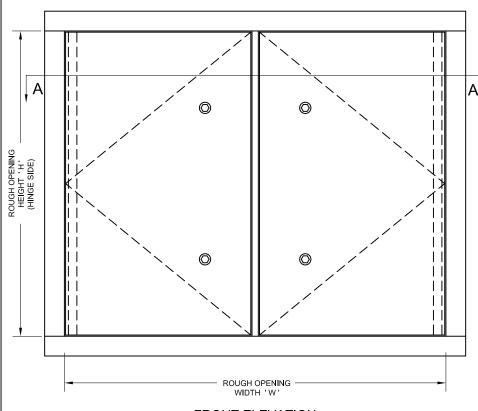
- 1.61mm [16 ga.] UP TO AND INCLUDING 762mm x 1219mm [30" x 48"]. LARGER SIZES

- 1.31mm [18 ga.], SELF CLOSING.

- EXTERIOR FLANGE WIDTH 22mm

[$\frac{7}{8}$ "] UP TO AND INCLUDING 914mm x 914mm [36" x 36"].

Designed to provide additional strength when large rigid doors are necessary. Largest two hour access door available, offering architects and engineers flexibility in designing.



LARGER SIZES 32mm [1½"]. HINGE - CONTINUOUS ROD HINGE.

- CONTINUOUS ROD HINGE. PIANO HINGE STANDARD ON PANELS EXCEEDING 1219mm [48"] IN A

WALL POSITION.

PANEL CLOSER

MATERIAL

PANEL

LINER

FRAME

FLANGE

- THE AUTOMATIC PANEL CLOSER WILL CLOSE AND LATCH THE DOOR FROM AN OPEN POSITION OF APPROXIMATELY 90° AS

REQUIRED BY CODE.

LATCH

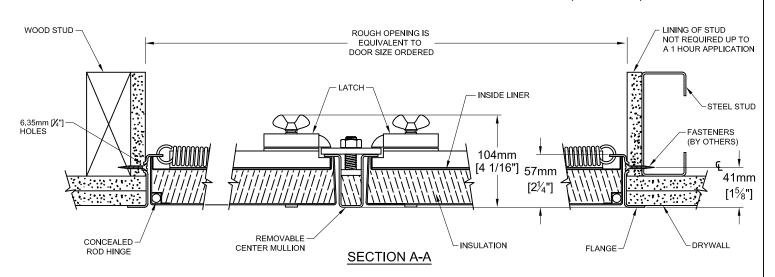
- 1/4" ALLEN KEY, WITH INTERIOR RELEASE.

INSULATION - 38mm [1½"] HIGH TEMPERATURE.

FINISH

- RUST INHIBITIVE PRIME COAT (OFF-WHITE).

FRONT ELEVATION



PROJECT:

CONTRACTOR:

ARCH. OR ENG.:

DATE: _____

* Specifications subject to change without notice.

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DWN BY DATE Feb. / 2014

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OPTIONS:

VAN-MET® MODEL FDL-150

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INSTALLATION:

The frame is manufactured with mounting holes. See installation instructions supplied with panel.

ORDERING:

- WHEN ORDERING, PLEASE SPECIFY WALL OR CEILING APPLICATION.
- PLEASE ORDER BY ROUGH OPENING SIZE.
- WHEN ORDERING THE SECOND DIMENSION GIVEN IS THE HINGE SIDE. (ie. 457mm x 610mm [18" x 24"], THE 610mm [24"] DIMENSION IS THE HINGE SIDE.
- THESE DOORS ARE NON-RETURNABLE.

WARRANTY:

One Year Limited warranty. For complete details see **Access Door** warranty document.

FDL-150 STANDARD SIZES

Double leaf construction for walls and ceilings.

Rough Opening Size W x H		No. of Latches/	Weight in kgs.	Weight in lbs.		
Metric (mm)	Inches	Locks		,		
1524 x <mark>610</mark>	60 x <mark>24</mark>	2	35.38	78.00		
1524 x <mark>762</mark>	60 x <mark>30</mark>	2	40.82	90.00		
914 x 1219	36 x <mark>48</mark>	2	38.55	85.00		
1219 x <mark>914</mark>	48 x <mark>36</mark>	2	38.10	84.00		
1524 x <mark>914</mark>	60 x <mark>36</mark>	4	47.62	105.00		
1016 x 1016	40 x <mark>40</mark>	2	35.83	79.00		
1016 x 1219	40 x 48	4	42.18	93.00		
1067 x 1067	42 x <mark>42</mark>	4	39.09	86.00		
1219 x 1016	48 x <mark>40</mark>	4	42.63	94.00		
1524 x 1016	60 x <mark>40</mark>	4	51.71	114.00		
1219 x <mark>1219</mark>	48 x <mark>48</mark>	4	48.53	107.00		
1524 x 1219	60 x <mark>48</mark>	4	61.23	135.00		

- Ceiling application max. 48" or 1219mm hinge side.

Double leaf construction for walls only.

DATE:

6	610 x <mark>1524</mark>	24 x 60	4	33.56	74.00
9	914 x1 <mark>524</mark>	36 x <mark>60</mark>	4	50.34	111.00
10	016 x <mark>1524</mark>	40 x 60	4	54.43	120.00
12	219 x <mark>1524</mark>	48 x 60	4	63.50	140.00
	•			-	

- Hinge Side

Net Opening = Width minus 153mm [6"]

Height minus 39mm [1½"]

PROJECT: ______

CONTRACTOR: _____

ARCH. OR ENG.: _____

-	, Benerica Abbination
	MATERIAL :-
	- STANDARD MATERIAL - GALVANNEALED STEEL. SEE SHEET 1 OF 5.
*	- OPTIONAL MATERIAL - 304 STAINLESS STEEL WITH A NO. 4 POLISHED FINISH ON THE EXTERIOR SURFACE, c/w CONTINUOUS PIANO HINGE.
	HARDWARE :-
	- STANDARD HARDWARE - ½" ALLEN KEY. SEE SHEET 1 OF 5.
	- OPTIONAL HARDWARE

- CONTINUOUS PIANO HINGE. (ON PANEL LESS THAN



Qty

1219mm [48"].)

Model FDL-150 wall and ceiling fire-rated panels are manufactured under the factory inspection service of Intertek (Warnock Hersey) and have a label reading: "Listed access frame and insulated fire door assembly 2 hour fire rating. Vertical and Horizontal Installation." Temperature rise maximum 139°C / 250°F at 30 minutes, 250°C / 450°F at 60 minutes.

PROJECT SCHEDULE

Rough Opening Size

Height

Width

Wall	Ceiling			
Application	Application			
-				
Ħ				

- millimeters

- inches

NOTE:

IN A CEILING APPLICATION, MAX HINGE SIDE IS 48" OR 1219mm.

PURCHASE ORDER: _		
		_
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Hinge Side

PPROVED BY: $_$		

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OPTIONS:						* - DENO	TES ADDITION	AL COST	Г.			
TWO LATCHES					① CENTI			2	CENTER RIGHT			
Н	DOOR 1	DOOR 2	н		Н			,	ALLEN KEY.		- 🔲	
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s		RIGHT	S		*] - 1½" MO	RTISE PREP O	NLY.	-	*		
D E			D E		*		TISE PREP COM ORTISE CYLIN		-	*		
						J SELECT C	ED OPERATO OPERATOR FO OVE OPTIONS.	R OTHER		LY.		
						* - DENOT	TES ADDITIONA	AL COST				
					① TOP LE	EFT		2 T	OP RIG	HT		
	FOUR	LATCHES] - ,	ALLEN KEY.	,	-			
	DOOR(1) DO	DOOR (2)	DOOR(2)] - RAISE	D KNURLED KI	NOB.	-			
	Book(I)	DOOK(Z)			*] - NON-L	OCKING HAND	DLE.	-	*		
H		O TOP RIGHT	RIGHT I N G		*] - 1½" MO	RTISE PREP O	NLY.	-	*		
N G					*		TISE PREP COM ORTISE CYLIN		-	*		
E		BOTTOM O BOTTOM RIGHT			BOTTOM	M LEFT		ВОТ	TOM RI	GHT		
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PRO-	JECT:				PURCHASE (ORDER:						
CON	ITRACTOR:				APPROVED	BY:						
ARC	H. OR ENG.:											
DATE	E:					DWN BY	DATE Feb. / 2014	DWG. NO.	t 3 of 5	RE'		
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TWO HOUR FIRE-RATED ACCESS DOOR
Insulated for Wall or Ceiling Application

OPTIONS:		* - DENOTES ADDITIONAL COST.			
★ ONE CENTRAL POINT	HANDLE - FOUR LATCHE	<u> </u>			
DOOR ① H I N G E	DOOR②	CENTRAL POINT HANDLE CONTROLS TWO CONCEALED LATCHES ON DOOR. SECOND DOOR ② TOP I - RAISED KNURLED KNOB. N G			
S I D E	О воттом	- 11/8" MORTISE PREP COMPLETE WITH MORTISE CYLINDER. BOTTOM - RAISED KNURLED KNOB. - 11/8" MORTISE PREP ONLY. - 11/8" MORTISE PREP COMPLETE WITH MORTISE CYLINDER.			
	RAL POINT HANDLE - FOUR	★ - DENOTES ADDITIONAL COST. R LATCHES FIRST DOOR ①			
DOOR 1 H I N G E S I D D E	DOOR 2	CENTRAL POINT HANDLE CONTROLS TWO CONCEALED LATCHES ON DOOR. INGEROMAN SECOND DOOR ② SECOND DOOR ② SECOND DOOR ② - CENTRAL POINT HANDLE CONTROLS TWO CONCEALED LATCHES ON DOOR. - NO HANDLE - TWO CONCEALED LATCHES ON DOOR. OPERABLE FROM THE INSIDE			
PROJECT: CONTRACTOR: ARCH. OR ENG.: DATE:		ONLY. PURCHASE ORDER: APPROVED BY:			

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<u>OPT</u>	TIONS: * - DENOTE	S ADDITIONAL COST.	FIRST DOOR ①			
			- ALLEN KEY.			
FOUR LATCHES		TCHES	- RAISED KNURLED KNOB.			
	DOOR(1)	DOOR(2)	★ 1½" MORTISE PREP ONLY.			
н			→ 1½" MORTISE PREP COMPLETE WITH MORTISE CYLINDER.			
I N	TOP ()		I BOTTOM			
G E			G - ALLEN KEY.			
s			- RAISED KNURLED KNOB.			
I D			I * MORTISE PREP ONLY.			
E	воттом ()		E + 1½" MORTISE PREP COMPLETE WITH MORTISE CYLINDER.			
	201101111		CONCEALED OPERATORS ONE SIDE ONLY. SELECT OPERATORS FOR OTHER SIDE FROM ABOVE OPTIONS.			
			SECOND DOOR ②			
			TWO CONCEALED LATCHES ON DOOR. OPERABLE FROM THE INSIDE ONLY.			
	WOOD STUD -\					
	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		ROUGH OPENING IS — EQUIVALENT TO — — — — — — — — — — — — — — — — — —			
	DRYWALL	PIANO REMOVA HINGE MULLION				
		OPTIONAL PIA MANDATORY ON D EXCEEDING1219mr				
PROJ	ECT:		PURCHASE ORDER:			
CONT	ractor:		APPROVED BY:			
ARCH	l. OR ENG.:					
DATE	:		DWN BY DATE DWG. NO. REV.			