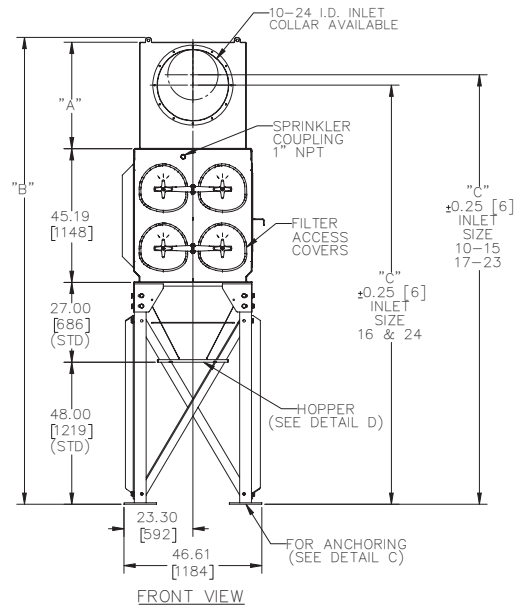
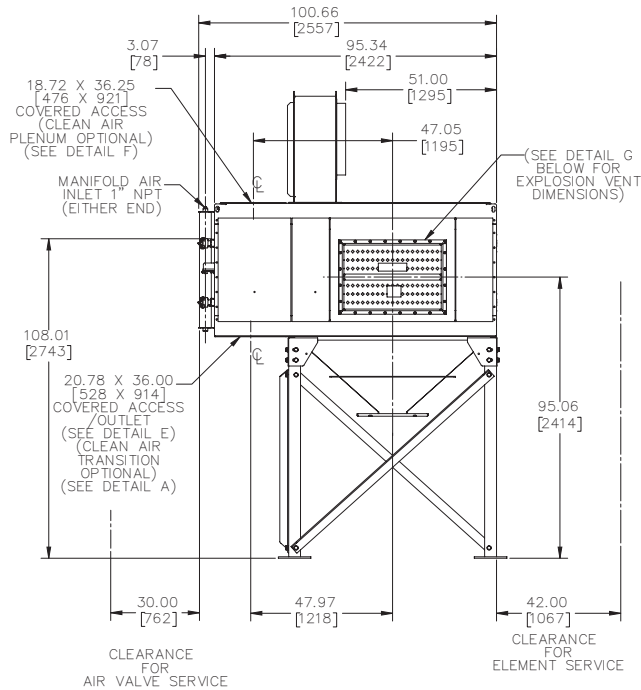
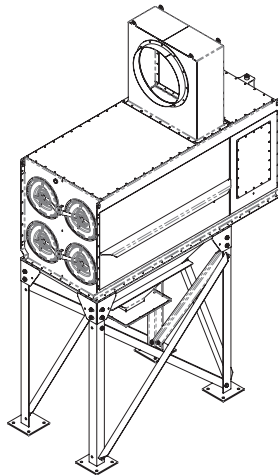
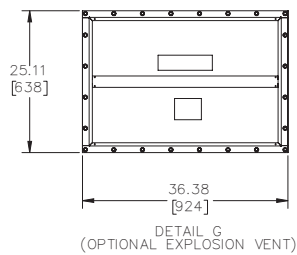


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REVISIONS		
REV	DESCRIPTION	DWN/DATE
4	REVISED IBC SPECIFICATIONS, REVISED PICTORIAL, ADDED SHEETS 7-8	EAO 12/2/2020



FRONT VIEW



TORIT® DOWNFLO® EVOLUTION

SPECIFICATIONS MODEL DFE 2-8

NO. OF FILTERS	8
FILTER DIMENSIONS	13.74 x 13.74 ASYM X 26.00 LG. [349 X 349 X 660 LG.]
NO. OF VALVES	4
COMPRESSED AIR REQUIRED	9 scfm @ 90-100 psig [15 m³/hr @ 6-7 bar]
HOUSING RATING	-25" wg [-635 mmwg]
P-RED	.40 BAR
OPERATING TEMP.	(FILTER ELEMENTS MAY VARY) 180°F [82°C] MAX
STANDARD FINISH	BLUE
APPROX. WT.	2300 lbs [1043 kg]

IBC 2018 SPECIFICATIONS:

RISK CATEGORY 2
BASIC WIND SPEED & EXPOSURE: 115 MPH [185 km/hr] (3 SEC GUST)
EXPOSURE C
SEISMIC SPECTRAL ACCELERATION: $S_s=1.5g$ & $S_1=0.6g$, SITE CLASS D (DEFAULT)
GROUND SNOW LOAD: $P_g: 40$ PSF [195 Kg/m²]
ROOF LIVE LOAD: $L_r: 20$ PSF [98 Kg/m²]
COLLECTOR BASE AT GRADE

EXPLOSION VENT (OPTIONAL)

DONALDSON MEMBREX™
NOMINAL SIZE: 24 X 34 [610 X 1194]
RELIEF AREA: 4.26 FT² [0.40 m²]
NOMINAL BURST PRESSURE: 1.45 psig [0.1 bar]

NOTES:

- DO NOT INSTALL OR OPERATE THIS EQUIPMENT UNTIL HAVING READ AND UNDERSTOOD THE INSTRUCTIONS AND WARNINGS IN THE INSTALLATION AND OPERATION MANUAL FOR A REPLACEMENT MANUAL CONTACT DONALDSON COMPANY, INC. (800) 365-1331.
- NFPA 68 2018
EXPLOSION VENT DUCTING LONGER THAN ONE HYDRAULIC DIAMETER OR WITH BENDS, ELBOWS OR OBSTRUCTIONS ENTAILS SIGNIFICANT DERATING OF THE EXPLOSION VENT. ALL PROPOSALS INCLUDING EXPLOSION VENT DUCTS OTHER THAN SHORT, STRAIGHT OPEN DUCTS SHOULD ALSO BE REFERRED TO DCI ENGINEERING FOR VENT PERFORMANCE CALCULATION AND DERATING, OR CUSTOM VENT SOLUTION. ANY EXPLOSION VENT DUCTING TO BE DESIGNED AND SUPPLIED BY OTHERS.
- ACTUAL COMPRESSED AIR CONSUMPTION MAY VARY DUE TO FEED PIPING DESIGN, PROXIMITY TO ACCUMULATION TANKS, UPSTREAM FLOW DEMAND AND OTHER COMPRESSED AIR SYSTEM EFFECTS.
- DIMENSIONS ARE IN INCHES AND [MILLIMETERS].

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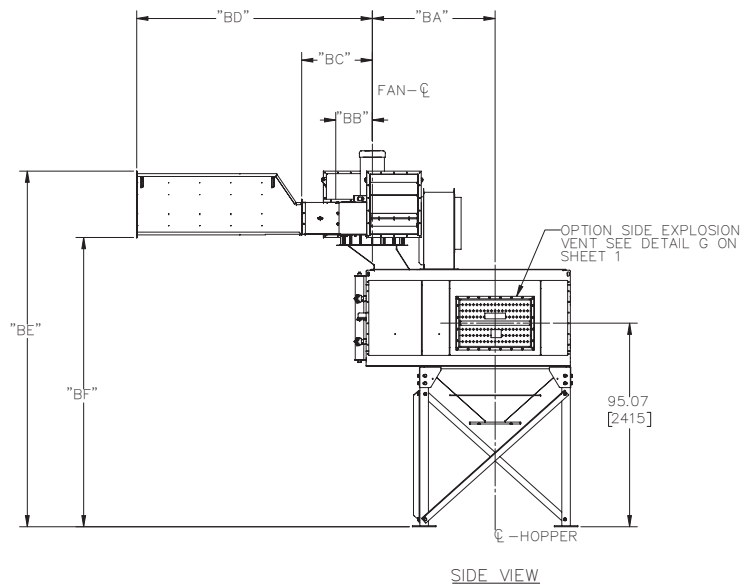
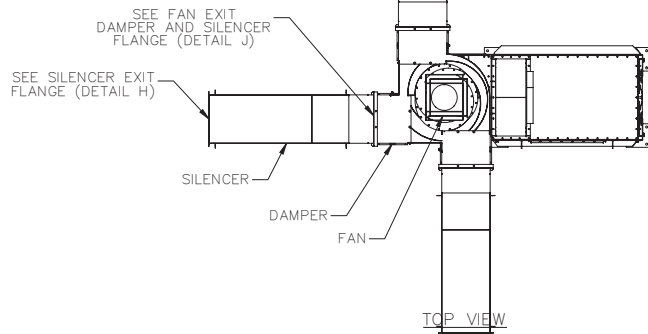
MATERIAL	RELEASE NO. 2014A01487	TITLE DFE 2-8 WITH HOPPER		 Donaldson. Donaldson Co., Inc. Minneapolis, U.S.A.
	DATE 8/29/2014	NUMBER DFE AG8249501		
	EXP. DATE			
REFERENCE	DWN E ORNELAS	4		IAF
	DATE 9/2/2014			
	CHK T RAETHER			
PREVIOUS DRAWING NO.	DATE 9/2/2014	SCALE NONE	SHEET 1 OF 8	REVISION
	APVD T RAETHER	C/C	SW/CADD	
	DATE 9/2/2014	SECTIONAL SIZE	OUTLINE SIZE	
DO NOT SCALE	3 PL ±	DESIGN CONTROL A004 [DWG LOCATION A101]		JACKSON A.
	TOLERANCES UNLESS OTHERWISE SPECIFIED	COPYRIGHT © DONALDSON COMPANY, INC.		
	2 PL ± ANGLES ±	THIRD ANGLE PROJECTION		
				



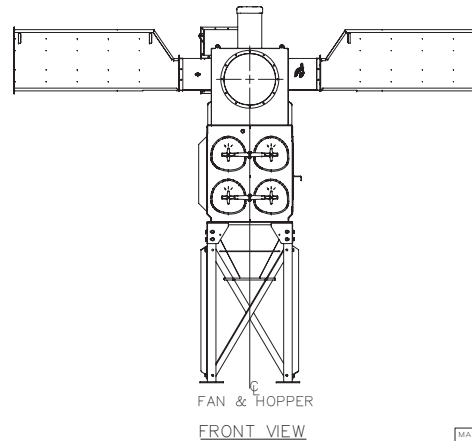
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NOTE: ANY REQUIRED SILENCER SUPPORT NOT SHOWN FOR CLARITY



OPTIONAL TOP MOUNT
FAN/DAMPER/HIGH PERFORMANCE SILENCER

FAN & ACCESSORY DIMENSION TABLE								
DIMENSION	60 HZ TBI FAN							
	3 HP	5 HP	7.5 HP	10 HP	15 HP	20 HP	25 HP	30 HP
BA	53.20	53.20	53.20	53.20	53.20	57.32	57.32	57.32
BB	11.71	11.71	11.71	11.71	13.81	17.09	17.09	17.09
BC	21.56	21.56	22.93	24.25	26.85	31.81	33.00	33.00
BD	87.56	87.56	88.93	90.25	103.85	108.81	110.00	110.00
BE	147.18	147.18	147.18	147.18	157.58	160.59	164.59	164.59
BF	128.67	128.58	128.58	128.58	128.58	133.59	133.59	133.59

FAN & ACCESSORY METRIC DIMENSION TABLE								
DIMENSION	60 HZ TBI FAN							
	3 HP	5 HP	7.5 HP	10 HP	15 HP	20 HP	25 HP	30 HP
BA	1351	1351	1351	1351	1351	1456	1456	1456
BB	297	297	297	297	351	434	434	434
BC	548	548	582	616	682	808	838	838
BD	2224	2224	2259	2292	2638	2764	2794	2794
BE	3738	3738	3738	3738	4003	4079	4180	4180
BF	3268	3266	3266	3266	3266	3393	3393	3393

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MATERIAL		RELEASE NO. 2014A01487		TITLE DFE 2-8 WITH HOPPER	
		DATE 8/29/2014			
		EXP. DATE			
		DWN. E. ORNELAS		NUMBER	
REFERENCE		DATE 9/2/2014		DFE AG8249501	
		CHK. T. RAETHER			
		DATE 9/2/2014		SCALE: NONE SHEET 7 OF 8 REVISION	
PREVIOUS DRAWING NO.		APVD. T. RAETHER		C/C SW/CADD	
		DATE 9/2/2014		SECTIONAL SIZE OUTLINE SIZE	
DO NOT SCALE		TOLERANCES UNLESS OTHERWISE SPECIFIED		DESIGN CONTROL A004 DWG. LOCATION A101	
		THIRD ANGLE PROJECTION		COPYRIGHT © DONALDSON COMPANY, INC.	

TORIT[®] DOWNFLO[®] EVOLUTION



IAF