



DUST COLLECTORS

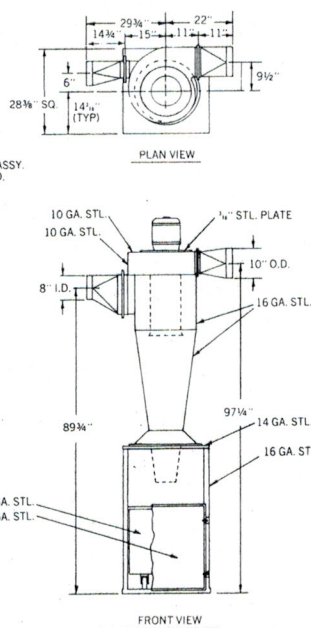
SERIES 20

High Efficiency Centrifugal Separators

Ratings at right cover FM Models — a clean after-filter assembly offers no measurable resistance to airflow. However, resistance will increase during operation — due to dust-loading of filtering media — but can be kept at a minimum by cleaning filter media on a regular maintenance schedule.

PERFORMANCE TESTED

Performance ratings and A-scale sound level readings are available on all TORIT collectors. Ratings are read and verified under standard test conditions in TORIT'S Laboratories.



NOTE:

5 inches additional headroom required for assembly or removal of motor and fan wheel. Height shown (including motor) is maximum. For special requirements check with factory.

TORIT district sales representatives are conveniently located throughout the United States and Canada. One will gladly work with you on your in-plant air pollution problems, and offer complete recommendations at no obligation to you. Check your Yellow Pages, under "Dust Collecting Systems", for local listing, or write.

MULTIPLE RATING TABLES

MODEL 20	C.F.M.	VELOCITY (F.P.M.)	EXTERNAL STATIC PRESSURE (Inches W.G.)
Series 20-5	2500	7142	5.0"
	2250	6428	6.6"
	2000	5714	8.4"
	1750	5000	10.0"
	1500	4288	11.4"
Series 20-3	2000	5714	3.7"
	1750	5000	5.0"
	1500	4288	6.3"
	1250	3555	7.5"

SPECIFICATIONS

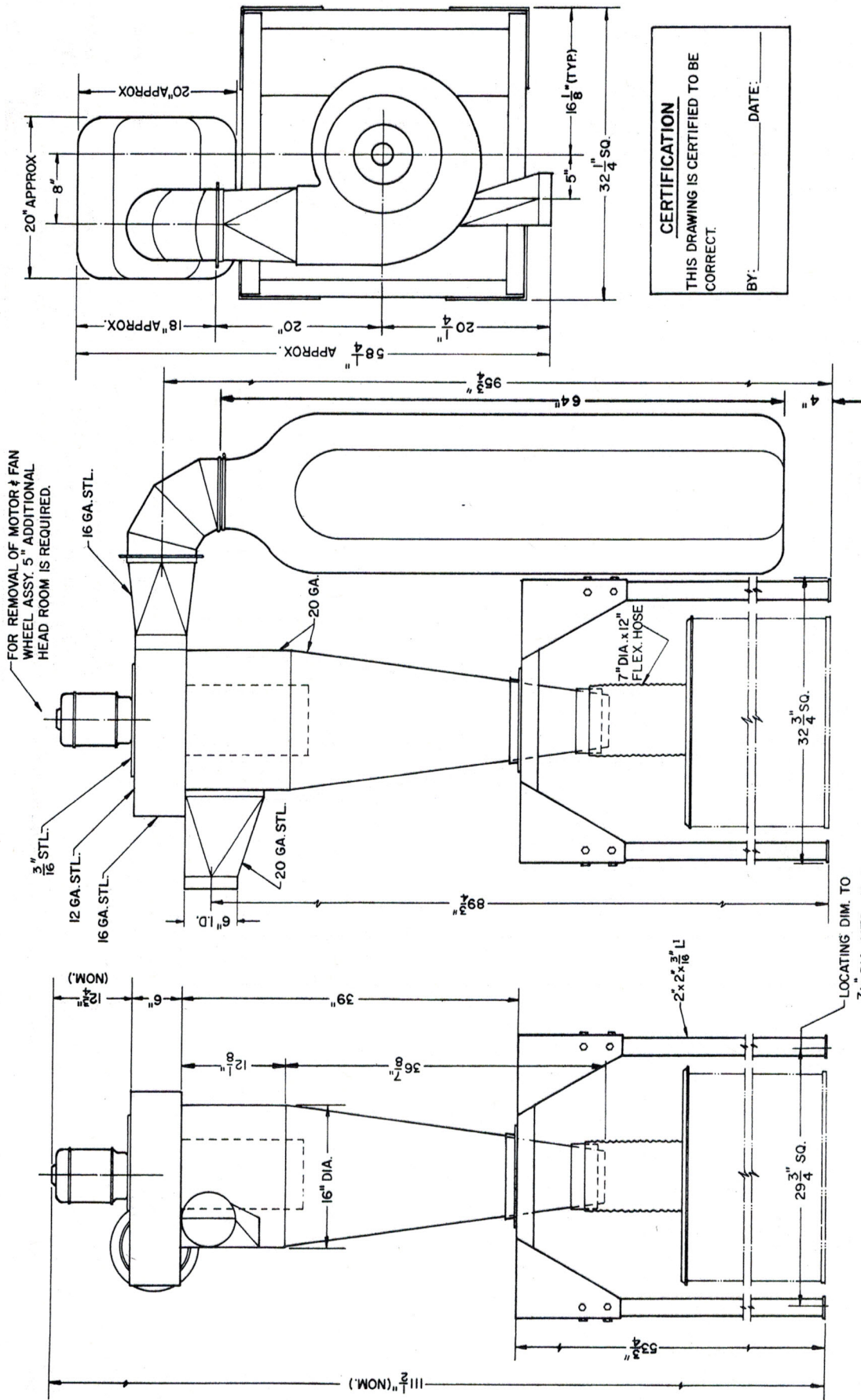
	20-3 (or 5) -FM and 20-3 (or 5) -FB	20-3 (or 5) -FM55 and 20-3 (or 5) -FB55	20-3 (or 5) -FM255 and 20-3 (or 5) -FB255
Dust storage capacity	8.5 cu. ft. drawer	7½ cu. ft. (55 gal. drum)	15 cu. ft. (2 - 55 gal. drums)
Motor	Series 20-3 includes 3 horsepower, 3450 rpm, 230-460v/60/3 phase vertical motor; Series 20-5 includes 5 horsepower, 3450 rpm, 230-460v/60/3 phase vertical motor. (specify voltage when ordering)		
Inlet diameter	8 inches	8 inches	8 inches
Outlet diameter	10 inches	10 inches	10 inches
Shipping Weight	FM-635 lbs.	FM-616 lbs.	FM-625 lbs.
	FB-740 lbs.	FB-684 lbs.	FB-733 lbs.

Specifications subject to change without notice.



LEADERS IN CONTROL OF IN-PLANT AIR POLLUTION

TORIT DIVISION / DONALDSON COMPANY, INC. / BOX 43217 / ST. PAUL, MINNESOTA 55164



CERTIFICATION

THIS DRAWING IS CERTIFIED TO BE CORRECT.

BY: _____ DATE: _____

MULTIPLE RATING TABLES

C.F.M.	VELOCITY (F.P.M.)	EXT. S.P.
1200	6135	4.6"
1100	5600	5.4"
993	5066	6.6"
928	4739	7.5"
860	4386	7.9"

SPECIFICATIONS

1. MOTOR SHALL BE 2HP 3600 RPM, 230-460/60/3
2. DRUM CAPACITY SHALL BE 7.5 CU. FT.
3. FILTER AREA SHALL BE 25.0 SQ. FT.
4. INLET: 6" I.D.
5. OUTLET: 8" DIA. WITH FLANGED ELL FITTING FOR AFTER FILTER.
6. NET WT. 365# SHIPPING WT. 390#
7. FAN SIZE 13" x 3 1/2", MATL. HANDLING DESIGN

NOTES

1. INLET MAY BE ROTATED AT 45° INCREMENTS IN FIELD
2. OUTLET MAY BE ROTATED AT 45° INCREMENTS IN FIELD
3. THIS DRAWING IS FOR A STANDARD 19FB-55 CYCLONE COLLECTOR. ANY DEPARTURE FROM THIS DESIGN SHALL REQUIRE SPECIAL FABRICATION & INCREASE IN COST
4. THIS PRINT IS NOT CERTIFIED FOR CONSTRUCTION. PUR-POSES UNLESS PROPERLY SIGNED BY TORIT ENG. DEPT.
5. 55 GAL. DRUM IS NOT FURNISHED BY TORIT
6. HT. OF MOTOR SUPPLIED OR SPECIFIED MAY VARY FROM NOMINAL HT. SHOWN. TORIT WILL VERIFY WHERE REQD.

TORIT DIVISION, DONALDSON COMPANY, INC.
P.O. BOX 1299 - MINNEAPOLIS, MINNESOTA 55440

SPECIFICATION CONTROL DRAWING

MODEL NO. 19FB-55 CYCLONE

APP'D: _____

NO. 19-003

REV. F 2-78