



An Oshkosh Corporation Company

SPECIFICATIONS FOR MODEL 30-250 SILO DUST CONTROL

MODEL 30-250 SPECIFICATIONS

TOTAL CLOTH AREA		250 SQ. FT.
NUMBER OF BAGS		30
HOUSING WIDTH & LENGTH		2'-7" X 3'-0"
CAPACITY FOR CEMENT		1500 SCFM (Recommended Maximum)
CAPACITY FOR FLYASH		1000 SCFM (Recommended Maximum)
BAG CLEANING METHOD		HIGH FREQUENCY AIR VIBRATOR
CLEANING INTERVAL		30 TONS OF MATERIAL (1 LOAD) OR EVERY 15 MIN FOR 3 MIN
MAXIMUM OPERATING TEMPERATURE		275 DEGREES F
CAPACITY FOR HYDRATED LIME		1000 SCFM (Recommended Maximum)
DISCHARGE SHAPE		(2) 2" X 36" SLOTS
NORMAL OPERATING TEMP & PRESSURE		AMBIENT
DISCHARGE AREA		1 FT ² (144 IN ²)
CFM/FT ² THROUGH BAGS	6-(CEMENT)	4-(FLYASH & HYDRATED LIME)
AIR SPEED OUT OF DEVICE	1500 FT / MIN	(CEMENT) (@ 3 TRUCKS UNLOADING)
DIRECTION OF AIR DISCHARGE	DOWN	(W/O BLOWER)

BAG SPECIFICATIONS

BAG DIAMETER		5"
BAG LENGTH		77"
CONSTRUCTION		SEAMLESS
FIBER		WOVEN POLYESTER
FINISH		HEAT SET
WEIGHT		8.5 +/- 0.5 OZ./SQ. YD.
THICKNESS		0.022"
MULLEN BURST		275 PSI (Min)
PERMEABILITY RANGE (0.5" WATER)		30-55 CFM/SQ. FT.
BAG EFFICIENCY		99.9% (*)
NEBRASKA APPROVED SYSTEM EFFICIENCY		PM10 95% (**) PM 98% (**)

CEMENT SILO (*)**

LB / HR
GR / FT³

INTO BAGS

.177 LB/YD³ * ___ YD³/HR SUM OF ALL VENTS ***
.078 GR HR/LB FT³ * ___ LB/HR

FLYASH SILO (*)**

LB / HR
GR / FT³

INTO BAGS

.115 LB/YD³ * ___ YD³/HR SUM OF ALL VENTS ***
.117 GR HR/LB FT³ * ___ LB/HR

OUT OF BAGS

FOR VACUUM SYSTEMS OUT OF BAGS VALUES, MULTIPLY THE INTO BAGS VALUES BY .031.
FOR SEALED CEMENT SILOS, MULTIPLY THE INTO BAGS VALUES BY 0.001.

* BASED ON TESTS BY THE UNIVERSITY OF TENNESSEE.

** APPROVED WITHOUT INDIVIDUAL SITE STACK TESTS.

***VALUES ARE TOTALS FOR ALL CEMENT LOADING BAG COLLECTORS.
DIVIDE UP ACCORDINGLY.



SOLID PRODUCTS. SOLID PERFORMANCE.

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