



DUST IGNITION PROTECTED

CLEANING MACHINES For Hazardous Locations (Classes C1618 01 & C1618 81)

Division 2, Class II, Groups F & G

Certified Zone 22 Hazardous Areas / Dust Group IIIC (Conductive Dusts)



IECEx 3rd Party Certified

Ex h tc IIIC T200°C (T85°C for BLSD version) Dc IP6X

IECEx LCIE 15.0048

This model can be used to Recover Combustible/Conductive Dusts in Hazardous Locations Division 2 and Zone 22 Dust Group IIIC:

Group F Conductive Carbonaceous Dust (carbon black, coal, coke dust, etc)

Group G All flour Dust (grain, flour, starch, sugar, wood, plastic, chemical dust, etc)

Group IIIC Conductive Dust Zone 22 (as per International Standards)

This model can be used to Recover Combustible Dusts such as Dust Groups :

IIIA Combustible Flyings (lints of cotton, wood chips, etc.)

IIIB Non-Conductive Dusts (flour dust, grain dust, flour, sugar, starch, wood, plastic, carbonaceous dusts, coal, carbon black)

IIIC Conductive Dusts (combustible metal dust, aluminum, magnesium, commercial alloys)

ESD Safe Vacuum Systems for Hazardous Locations are designed to prevent ignition hazards.

We use metal parts or Static Dissipative Powder Coating to prevent Electrostatic Discharge (ESD)



Complies with NFPA 77 "Recommended Practice on Static Electricity"

Characteristics



Static
Dissipating



HEPA -
Included



High Filtration
Efficiency Unit



Stainless
Steel
General



SD Accessories
- Included



Dry Recovery



Detachable
Tank



Brushless
Motor Available



- Longer life brushless motor available. Always with 4 x H14 HEPA filters
- Ideal for housekeeping and general cleaning
- By-pass Ametek® long life motor
- Includes 4 HEPA filters. Class H14. Individually factory tested
- Manual Filter Shaker (MFS) with static dissipative Teflon laminated main cloth filter assembly
- Detachable recovery tank (DT) for easy disposal of recovered materials
- Material to be recovered within a conductive poly liner recovery bag for easy disposal



Specifications

C-35L EX DT (MFS)	111783A	111783A-BLSD
Model Name	C-35L EX DT (MFS)	C-35L EX DT (MFS) BLSD
Type (Powerhead)	Electric	Electric
Tension	120 V	120 V
Frequency	60 Hz	60 Hz
Phase	Single	Single
Wattage	1207 W	1100 W
Power	1.6 HP	1.5 HP
Amperage	10.5 A	13 A
Air Flow	110 CFM	127 CFM
Vacuum Pressure	107 " H ₂ O	89 " H ₂ O
Sound Level	72 dB(A)	72 dB(A)
Type of Power Outlet	120V	120V
Suction Inlet Port	2 "	2 "
Cart Type	Detachable Tank (DT)	Detachable Tank (DT)
Filter Cleaning	Manual Filter Shaker (MFS)	Manual Filter Shaker (MFS)
Dust Recovery Tank	9.2 Gal	9.2 Gal
Length	26 "	26 "
Width	22 "	22 "
Height	48 "	48 "
Weight (Vacuum Only)	89 lb.	89 lb.
Cord Length	35 ft.	35 ft.
HEPA/ULPA Filter Surface Size	21.8 ft ²	21.8 ft ²
Main Cloth Filter Surface Size	3.75 ft ²	3.75 ft ²

Please note that specifications are subject to change without notice

Use only recommended tools & accessories



Upstream HEPA Filter - Included



Main Cloth Filter and Cage, Static Dissipative - Included



Conductive Polyliner Recovery Bag - Optional



C-35L EX DT (MFS) with Recovery Tank removed



Cable Holder Hook included on the side of the powerhead



C-35 EX DT Tool Kit - included



Longer Life Brushless Motor Available (always with 4 x H14 HEPA filters)



C-35L EX DT (MFS) Tool Basket