



**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



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## Specifications

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

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