



PRODUCT GUIDE



EXPLOSION PROOF DUST COLLECTORS

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EXPLOSION PROOF DUST COLLECTORS

WWW.RUWAC.COM

CALL (413) 532-4030

EMAIL INFO@RUWAC.COM

WORKHORSE^{EX}

CONTINUOUS DUTY
CERTIFIED EXPLOSION PROOF SERIES

STANDARD SPECIFICATIONS: W151EX

- Explosion Proof TEFC Motor - 120/1/60, 150 CFM, 1.5 Hp and 75" H2O
- Ruwac Exclusive Multi-Stage Maxflo Turbine
- ETL Certified to UL and CSA Standards - Certified Explosion Proof
- Class I, Div 1,2 (Group D); Class II, Div 1,2 (Group F & G)
- Fully Conductive, Carbon Impregnated **"BULLETPROOF"** Composite Housing
- External Filter Cleaning Mechanism - Dustless Cleaning of Filter
- 13 ft² MicroClean Filter - 99% Efficient @ 0.5 Microns
- 2" Vacuum Inlet with Bronze Deflector
- Continuous Duty Operation
- 9 Gallon Collection Capacity - Removable Dustpan

W151EX



CERTIFIED EXPLOSION PROOF

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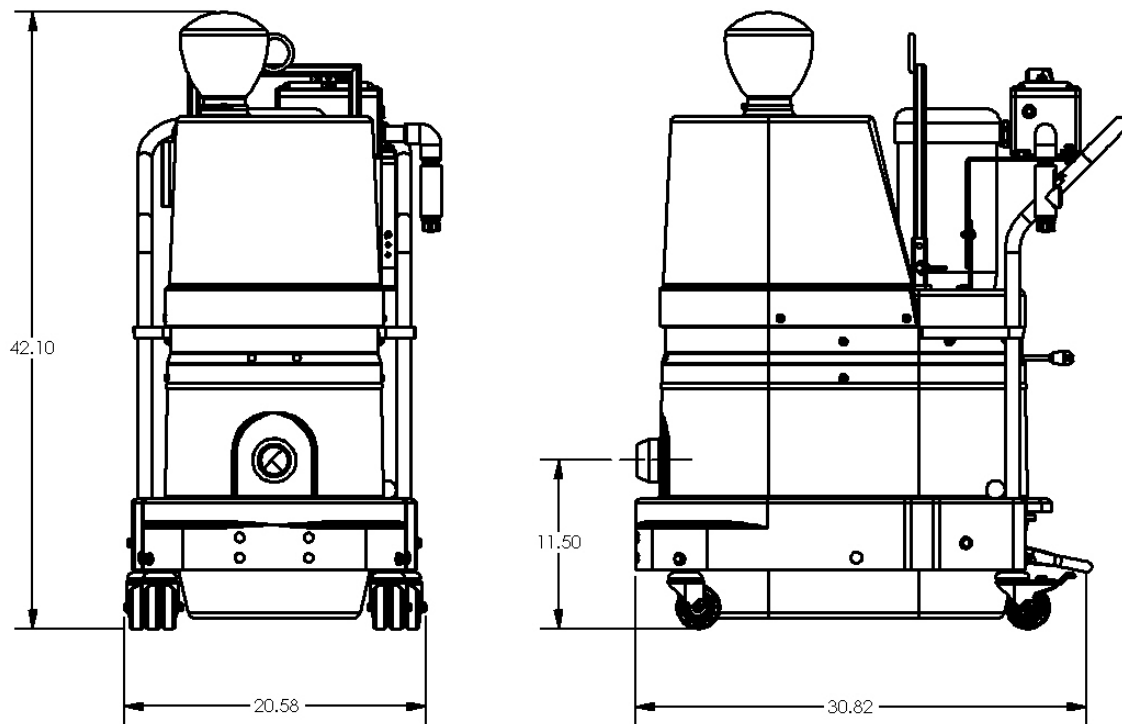
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available upgrades:

- HEPA Maxx Filter

W151EX

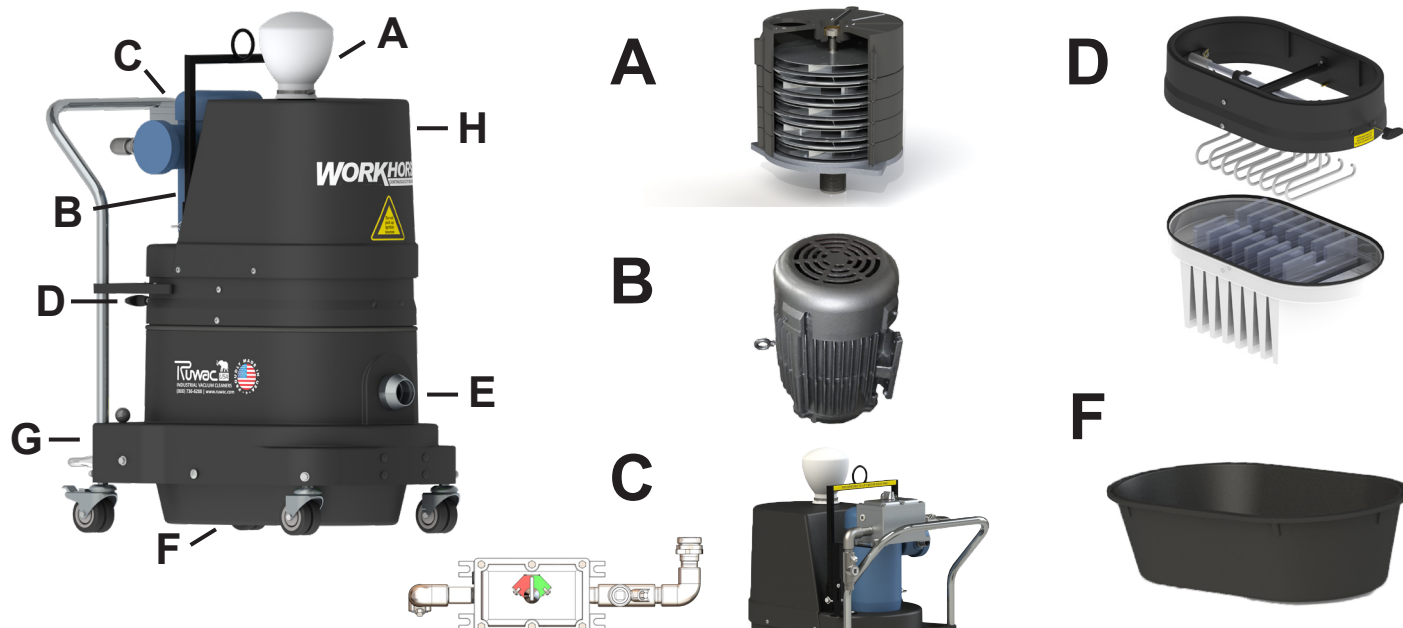
DIMENSIONAL DRAWINGS





WORKHORSE^{EX}

CONTINUOUS DUTY
CERTIFIED EXPLOSION PROOF SERIES



Workhorse EX Vacuum Technology and Benefits:

A) Ruwac Exclusive Multi-Stage Maxflo Turbine

- Produces more suction using less horsepower
- Designed for continuous 24/7 operation
- Long lasting 15,000 hr run time with no maintenance required
- Superior Sound Suppression

B) Fully enclosed Explosion Proof TEFC motor

- Class I, Division 1, Group D
- Class II, Division 1, Groups F & G
- Thermally protected
- Temperature Code: T3B or T3C, varies by Hp

C) Explosion Proof Enclosure

- Class I hazardous locations
- Class II, Groups E, F, & G hazardous locations
- Turn Style Switch
- Class 10, motor overload protection

D) MicroClean Filter with External Cleaning Mechanism

- 99% Efficient @ 0.5 Microns – 3 Year Filter Guarantee
- Clean the filter without disassembling your vacuum. Never come in contact with the dust!

E) Aluminum Cast Grounded Inlet

- Ground and bond your Ruwac's hoses and accessories

F) 9 Gallon Collection Capacity – Removable Dustpan

- Easy-to-empty 9 gallon foot-actuated dustpan

G) Portable design with low center of gravity

- Maneuver the vacuum without the risk of the vacuum tipping over

H) Carbon Impregnated “Bulletproof” Oval Composite Housing

- Indestructible, fully conductive and will never dent, crack or rust!
- Carbon Impregnated and fully grounded to protect against static build-up electrically insulating (10-6 OHMS resistance)

***Optional HEPA Maxx and ULPA filtration for air purification*

WORKHORSE^{EX}

CONTINUOUS DUTY
CERTIFIED EXPLOSION PROOF SERIES

STANDARD SPECIFICATIONS: W303EX, W304EX

- Three Phase TEFC Motor - 230/3/60, 460/3/60, 300 CFM, 5 Hp and 84" H2O
- Ruwac Exclusive Multi-stage Maxflo Turbine
- ETL Certified to UL and CSA Standards - Certified Explosion Proof
- Class I, Div 1,2 (Group D); Class II, Div 1,2 (Group F & G)
- Fully Conductive, Carbon Impregnated **"BULLETPROOF"** Composite Housing
- External Filter Cleaning Mechanism - Dustless Cleaning of Filter
- 28 ft² MicroClean Filter - 99% Efficient @ 0.5 Microns
- 2.75" Vacuum Inlet with Bronze Deflector
- Continuous Duty Operation
- 9 Gallon Collection Capacity - Removable Dustpan

W303EX, W304EX



CERTIFIED EXPLOSION PROOF

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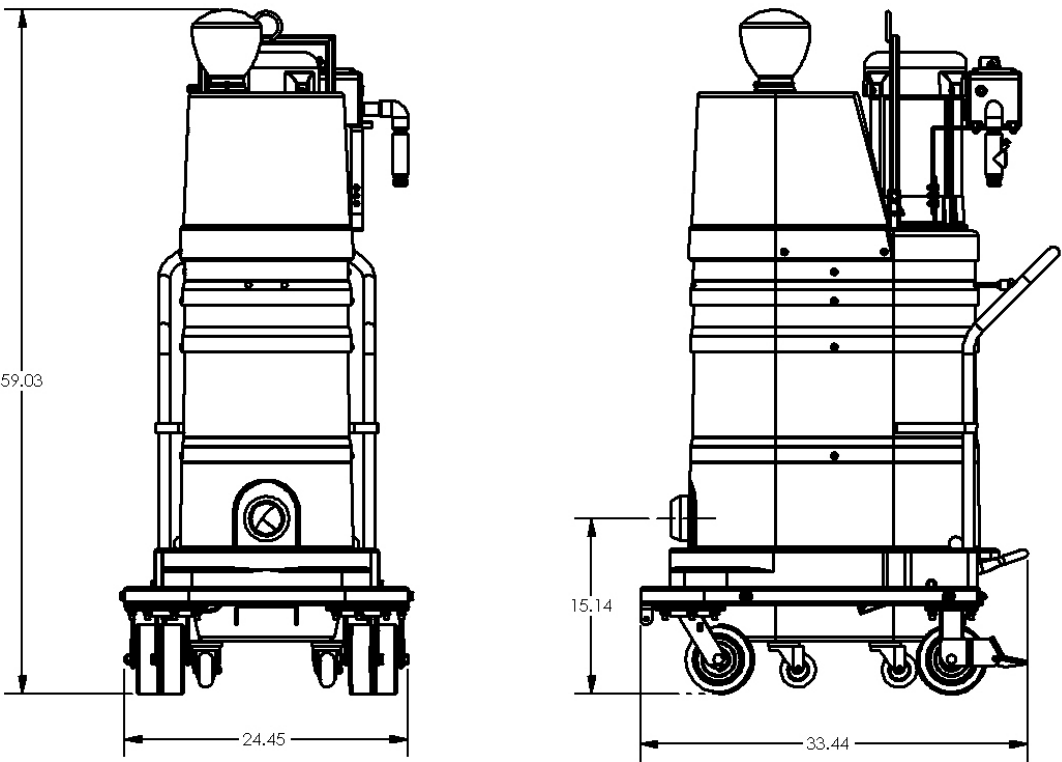
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available upgrades:

- HEPA Maxx Filter
- Dust Extraction Arm

W303EX, W304EX

DIMENSIONAL DRAWINGS



POWERHOUSE^{EX}

CONTINUOUS DUTY
CERTIFIED EXPLOSION PROOF LARGE INDUSTRIAL SERIES

STANDARD SPECIFICATIONS: P503EX, P504EX

- Three Phase TEFC Motor - 230/3/60, 460/3/60, 500 CFM, 10 Hp and 94" H2O
- Ruwac Exclusive Maxflo Multi-Stage Turbine
- Class I, Div 1,2 - Group D, Class II, Div 1,2 - Groups F and G
- ETL Certified to UL 1203 and CSA 22.2
- Fully Conductive Carbon Impregnated Fiberglass Housing
- External Filter Cleaning Mechanism - Dustless Cleaning of Filter
- 48 ft² MicroClean Filter - 99% Efficient @ 0.5 Microns
- 2.75" Vacuum Inlet with Bronze Deflector
- Continuous Duty Operation
- 24 Gallon Collection Capacity - Removable Dustpan

P503EX, P504EX



CERTIFIED EXP. PROOF

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available upgrades:

- HEPA SUPER Maxx Filter
- Dust Extraction Arm
- Pair with Tubing and Fittings for Central Vacuum Capabilities

POWERHOUSE EX

CONTINUOUS DUTY
CERTIFIED EXPLOSION PROOF LARGE INDUSTRIAL SERIES



A



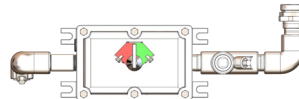
F



B



C



I



Powerhouse EX Vacuum Technology and Benefits:

A) Ruwac exclusive Multi-Stage Maxflo turbine

- Produces more suction using less horsepower
- Designed for continuous 24/7 operation
- Long lasting 15,000 hr run time with no maintenance required

B) Fully enclosed Explosion Proof TEFC motor

- Class I, Division 1, Group D
- Class II, Division 1, Groups F & G
- Thermally protected
- Temperature Code: T3B or T3C, varies by Hp

C) Explosion Proof Enclosure

- Class I hazardous locations
- Class II, Groups E, F, & G hazardous locations
- Turn Style Switch
- Class 10, motor overload protection

D) Durable fiberglass reinforced composite housing

- Static dissipating – electrically insulating (10-6 ohms resistance) will never dent or rust

E) External filter cleaning mechanism

- Clean the filter without disassembling your vacuum. Never come in contact with the dust!

F) Industry leading MicroClean filter

- Over sized 48 SQFT – 99% Efficient @ 0.5 Microns

G) Large vacuum inlet

- 2.75" or 4" vacuum inlet (depends on model) for collection of large materials

H) Large anti-static casters

- 6" anti-static casters to prevent static buildup

I) 24 gallon collection capacity – removable dustpan

- Materials collect into large foot actuated dustpan with wheels for easy waste disposal

***Optional HEPA Maxx and ULPA filtration for air purification*

MX IMMERSION EX

GROUP "E" METALS
CERTIFIED EXPLOSION PROOF IMMERSION SYSTEM

STANDARD SPECIFICATIONS: MX361EX

- Explosion Proof TEFC Motor - 120/1/60, 150 CFM, 1.5 Hp and 75" H2O
- Ruwac Exclusive Maxflo Multi-Stage Turbine
- Class I, Division 1,2 (Group D) - Class II, Division 1,2 (Group E,F,G)
- ETL Certified to UL 1203 and CSA 22.2
- Carbon Impregnated **"BULLETPROOF"** Compression Cast Housing
- Fully Bonded and Grounded
- 44 ft² Hydrophobic Filter - 99% Efficient @ 1 Micron
- 2" Vacuum Inlet with Stainless Steel Immersion Tube
- Stainless Steel Demisting Pad and Dispersion Screen
- Continuous Duty Operation
- 12 Gallon Liquid Bath

MX361EX

NFPA 484 COMPLIANT



CERTIFIED EXPLOSION PROOF
WET-MIX IMMERSION TECHNOLOGY

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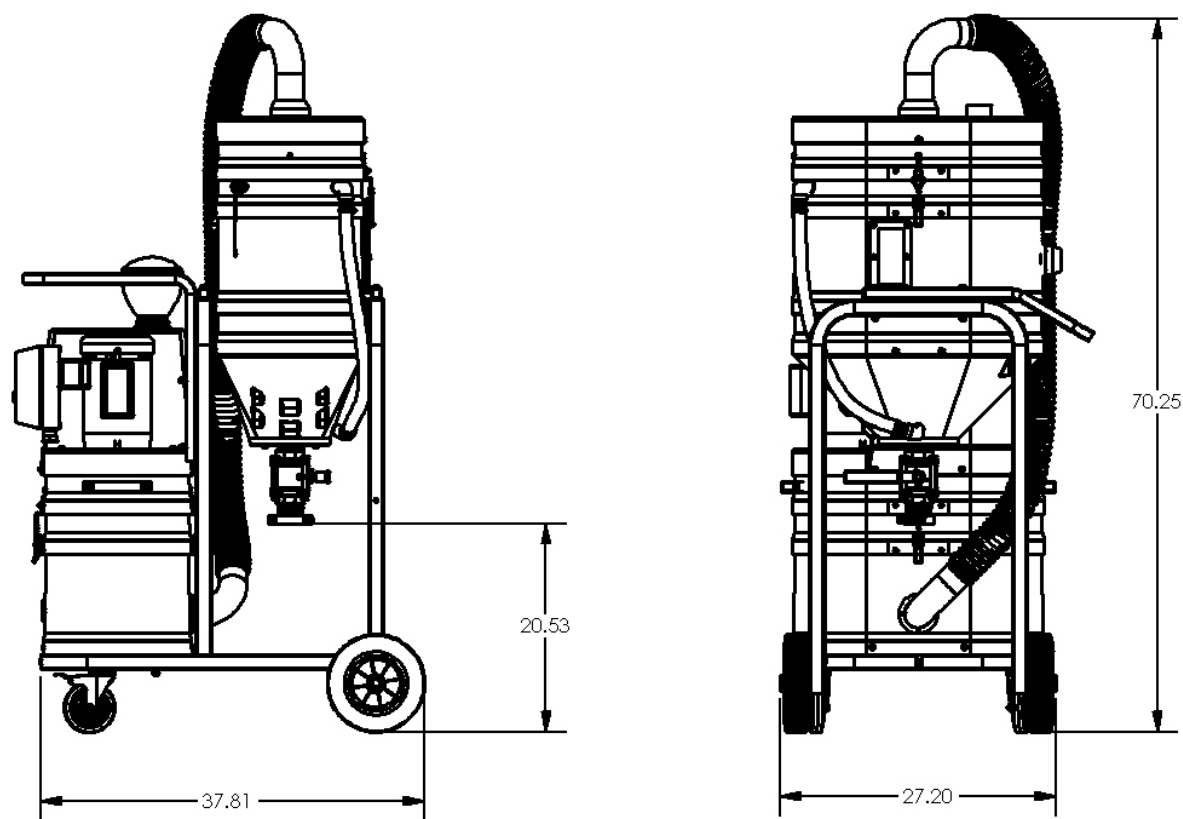
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available upgrades:

- HEPA Maxx Filter
- Onboard Reclaim System
- Discharge Settling Chamber

MX361EX

DIMENSIONAL DRAWINGS



With over 35 years of proven installations, *Ruwac* will customize your **dust collection system with the correct vacuum producer**, filtration unit, collection container and tubing system for your needs. Our professional engineers will help you meet **OSHA and NFPA requirements** to present a safe working environment for your employees and properly collect the material in question. Whatever your application, we will work with you to provide a cost-effective solution to your vacuuming needs!

LARGE CAPACITY DUST COLLECTION SYSTEMS



PASSIVE DUST COLLECTION SYSTEMS FOR BINS & STORAGE SILOS

EXPLOSION PROOF DUST COLLECTORS / HIGH PRESSURE



WORKHORSE DUST COLLECTOR: 9 GALLON, 460 CFM

Ruwac USA

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