

NA Series Immersion Separators

Wet Collection for Explosive Material



Neutralizes
100% of
intake material.

Especially
helpful with
aluminum,
magnesium,
TNT, zirconium,
titanium and
glowing media



Ideal For Manufacturers of:

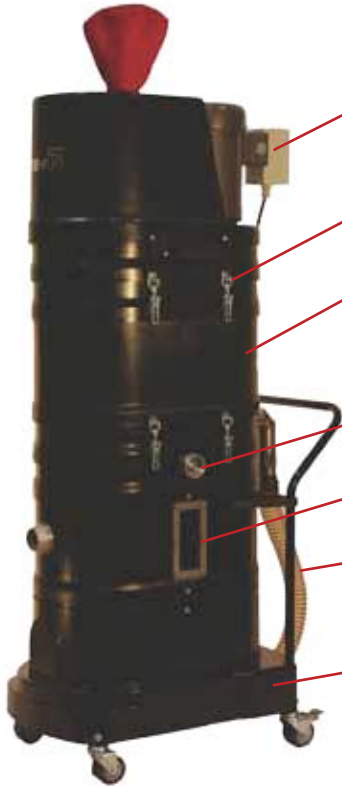
- » Aluminum extruded products
- » Aluminum foundries
- » Propellants and Air Bag Manufacturers
- » Titanium
- » Guided missiles and space vehicles
- » Metal cans
- » Motor vehicle parts and accessories
- » Aluminum
- » Primary production of aluminum
- » Zirconium
- » Gun power manufacturers
- » Magnesium
- » Aluminum die-castings

TRUWAC

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NA Series Immersion Separators



Features and Benefits:

Vacuum Producer - Single Phase / Three Phase / Air Powered: Multi-stage centrifugal turbine produces more suction using less horsepower any other in its class. The TEFC motor is maintenance free, and rated for continuous duty. Inclusive sound suppression (silencers) lower dBA to 68.

Low Maintenance: Clamps allow for easy and quick access to the "Ruwac Exclusive" stainless steel dispersion screen, de-misting pad, and hydrophobic filters. No need to remove filters and de-misters while emptying

Durable Housings: Constructed with 900 tons of pressure, the compression cast composite housing will not dent, break or rust and there is no need for painting. The carbon impregnated housing is chemically neutral and static dissipating (<10 Ohms) to eliminate static discharge. Housing is modular to accommodate filter upgrades and is backed by our lifetime warranty.

Hydrogen Relief Valve: Allows for the escape of gases from metals, that would otherwise build up pressure in the vacuum and cause explosion

External Sight Glass: Easily monitor water and debris levels with the durable Lexan sight glass and liquid capacity site gauge

Discharge Hose: Constructed of clear urethane, this static conductive hose easily disconnects to remove sludge and debris build up from inside the vacuum so no heavy lifting is required to empty the vacuum. The hose also doubles as a second source for water level detection.

Sturdy Base: The heavy duty 3" double casters, counterbalanced base, and low inlet provide stability and easy maneuverability. The low center of gravity prevents tipping. All components have electrical continuity to eliminate static loading.

Classified explosion proof motors and switch gear are available for electric machines and can be presented after a detailed analysis of your application by a certified Ruwac applications engineer. The air powered systems are intrinsically safe and are suitable for all explosion proof environments.

If you are vacuuming material that may contain an ignition source; is explosive, although your environment may not be; is impact sensitive or unstable; or if you are currently using wet dust collectors on your process equipment, you need an immersion separation vacuum system. Ruwac's portable NA Series are designed to safely collect explosive or glowing media. Particulates entering the vacuum are immediately mixed in a turbulent liquid bath. The force of this rapidly moving air and liquid completely submerges all collected particles. This stops the already contained materials from finding any possible ignition source that could be introduced to the vacuum, guaranteeing a safe working environment and eliminating risk of an explosion.

Model:	NA35-110	NA35-1220	NA35-100
Motor Type:	Single Phase, TEFC	Three Phase, TEFC	Single Stainless Steel Venturi*
Horsepower:	1.5	3	N/A
Voltage:	110	208, 203/460	N/A
Amp:	14	8/4	N/A
Hz:	5.5	5.7	10
Vacuum Pressure:	135 CFM	180 CFM	150 CFM
Filter:	44 ft ² hydrophobic	44 ft ² hydrophobic	44 ft ² hydrophobic
Dimensions:	34" x 21" x 63"	34" x 21" x 63"	34" x 21" x 63"
Weight:	225 lbs	260 lbs	170 lbs

* Requires 70 PSI and 60 CFM with a 1/2" unrestricted airline to operate.

Hydrophobic Filters

22 ft² per filter Hydrophobic sub-micron filtration purifies air.
(Qty. 2 required)



Included Accessory Kit

1.5" x 10' static conductive, urethane hose w/molded carbon impregnated cuffs; 54" aluminum shaft wand; 11" aluminum crevice tool, 3" round brush w/nylon bristles; 14", metal floor brush w/anti-static bristles, 2" x 1.5" reducer.



Explosion Proof HEPA

OPTIONAL: Modular housing allows for upgrades to HEPA filtration at any time, to collect and contain debris down to and including 0.3 microns.

