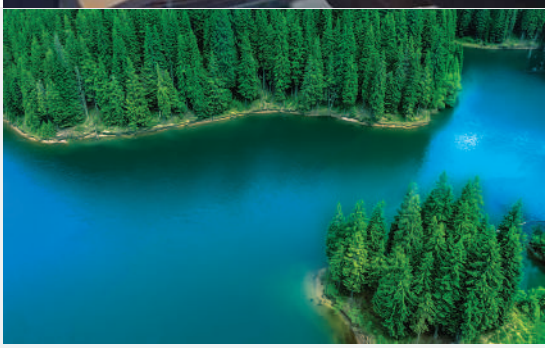
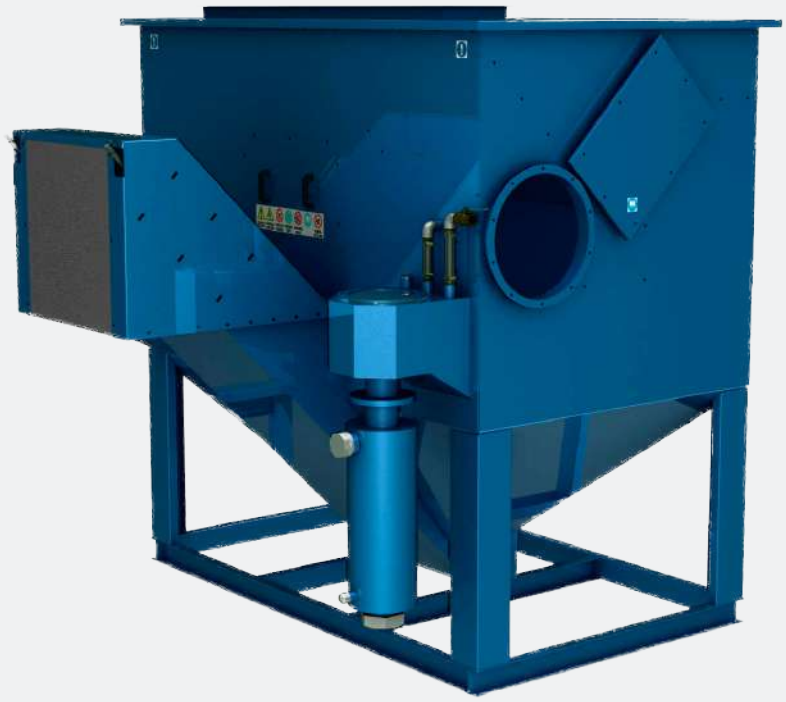
Idromix

Wet dust collector, for grinding and sanding operations







Idromix

Idromix **2360-3540-4710-5890-7070**

CORAL

Innovative Air Solutions
For a cleaner future.

Design

The CORAL IDROMIX Wet Dust Collector is a wet filtration system designed to remove suspended solid particles from the air. Its installation helps maintain proper air quality in the workplace, protecting operators and ensuring safe and efficient operations. The CORAL IDROMIX Wet is an ideal solution for extracting dust generated during sanding and grinding processes.

Idromix

5 Models

Highlights

- Easy maintenance thanks to special inspection doors.
- Differential pressure control via electrical panel.
- Minimum/Maximum electrical probe to ensure optimal water level.
- Minimized water consumption.
- High efficiency and small footprint.

Applications





Explosive Metal Dust | Grinding | Sanding

Operation principle

Water is the primary medium used for both dust removal and air purification, as it mixes directly with the contaminated airflow. Centrifugal force causes the heavier particles (sludge) to separate and settle into the collection tank. The CORAL IDROMIX proprietary *droplet separator* ensures that any water droplets entrained in the purified air are removed before discharge. The water level inside the wet dust collector is monitored by a minimum-level electrical probe, which automatically activates replenishment when the level drops below the set point, and by a maximum-level probe that maintains the water at its optimal operating level.

Minimal water consumption and easy maintenance

Water usage is optimized, as only the portion that evaporates during the process needs to be replenished. Dedicated inspection doors provide easy access for maintenance for the filter bottom, where residual sludge may accumulate.

Always at peak operating efficiency

The electrical control panel monitors the pressure difference between the contaminated air section and the clean air section, with both minimum and maximum alarms. The minimum alarm alerts when the water level in the filter is low, indicating the need for a refill to prevent increased dust emissions. The maximum alarm, on the other hand, warns of excessive blockage in the airlock due to accumulated residues and deposits.

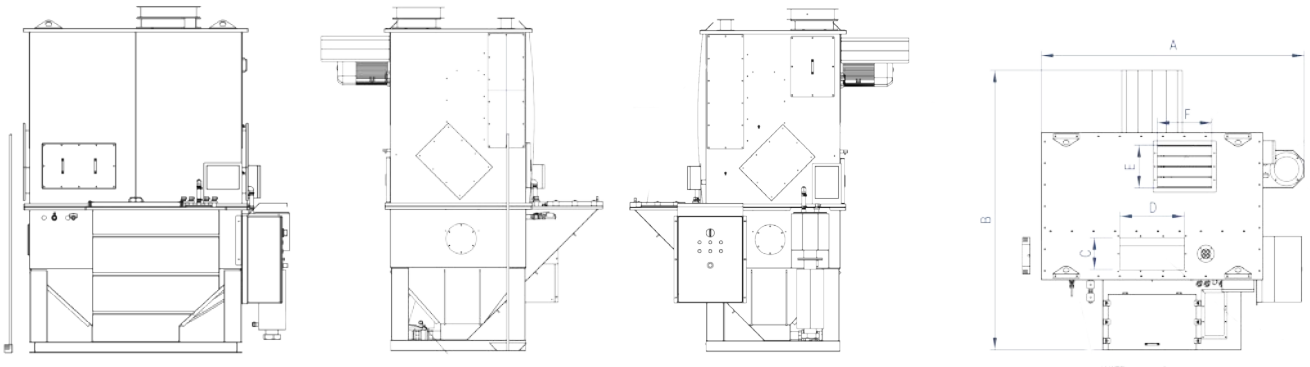
Technical features

Technical features		**Model IDROMIX**				
		2360	**3540**	**4710**	**5890**	**7070**
Power	HP	10	15	20	20	30
Airflow	CFM	2360	3540	4710	5890	7070
Working Static Pressure	in w.g.	14				
Pressure Drop	in w.g.	8				
Fan power supply	V Hz	230/460 60				
Working temperature		35.6°F - T - 140°F				

Standard Components

- Level probes for water level adjustment
- Butterfly valve
- Drop separator
- Fan
- Damping bituminous paint on internal surfaces and powder finish on external surfaces

Overall dimensions



MODEL	**DIMENSIONS** (inches)						
	A	**B**	**H**	**C**	**D**	**E**	**F**
Idromix 2360	63.1	97.4			11.8	8.8	12.4
Idromix 3540	76.9	100.8			17.7	11.3	15.8
Idromix 4710	96.5	100.8	125.2	11.8	23.6	10.1	14.2
Idromix 5890	106.8	100.8			27.6	12.7	17.8
Idromix 7070	124.5	102.8			33.5	11.3	15.9

All images and values on this catalogue are indicative and can be subject to modification and improvements. CORAL USA reserves the right to change them without previous advice.



Coral USA

Coral USA provides innovative fume extraction and dust collection solutions for industrial applications.
With decades of experience, Coral combines technical expertise, reliable performance, and a strong commitment to helping you maintain a safer, cleaner, and more productive workplace.

Based in Texas, we're ready to support your business with advanced solutions, responsive service, and ready-to-ship inventory.

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For a cleaner future.

Graphic design: -CORAL USA CORP. KYLE TX USA 2026 / rev. 0