

# PURE TECHNOLOGY.



## LARGE FILTRATION SYSTEM

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## COOLANT MIST

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## AC 12000

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- Modular expansion to AC 24000 is possible
- Single-stage or multiple-stage version for the separation of coolant mist
- Filter elements are compatible with our AC 1000 & AC 3000 filter series, which means low maintenance costs
- Low energy consumption due to air stream-optimized construction
- Universal use for oil & emulsion mist
- High-voltage generator pre-programmed with two voltage levels -> oil or emulsion
- Service door can be optionally opened to the left or right
- Various options available
- Ability to handle larger areas or centralized locations.
- Optional CIP (Cleaning in Place) cleaning system  
Function: the individual filter levels are cleaned via built-in full-cone nozzles. This takes place without chemical additives or diluted solutions and offers the re-conditioning of cleaning oil using a cleaning centrifuge

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## LARGE FILTRATION SYSTEM

## COOLANT MIST

## AC 12000

FILTRATION SYSTEM	AC 12001	AC 12002	AC 12002 CIP
	230 Volt	230 Volt	230 Volt
OIL MIST	✓	✓	✓
EMULSION MIST	✓	✓	✓
FILTRATION PRINCIPLE	E	E	E
VOLUME FLOW	12,000–14,000 m <sup>3</sup> /h 7,063–8,240 cfm	12,000–16,000 m <sup>3</sup> /h 7,063–9,417 cfm	12,000–16,000 m <sup>3</sup> /h 7,063–9,417 cfm
ELECTRICAL CONNECTION IN V, HZ, KVA	230, 50–60, 0.5	230, 50–60, 1.0	230, 50–60, 1.0
DIFFERENTIAL PRESSURE IN PA	100	100	100
DIMENSIONS (LxWxH)	650x1,580x2,300 mm 25x62x91 Inch	1,010x1,580x2,300 mm 40x62x91 Inch	1,300x1,580x2,500 mm 51x62x98 Inch
WEIGHT (APPROX.)	550 kg 1,213 lbs	1,100 kg 2,425 lbs	1,200 kg 2,646 lbs

FAN	G 12012
FAN OUTPUT	12,000* m <sup>3</sup> /h 7,063 cfm
ELECTRICAL CONNECTION IN V, HZ, KVA	400, 50, 7.5
DIFFERENTIAL PRESSURE IN PA	1,000
SOUND PRESSURE LEVEL IN dB(A) (APPROX.)	77
DIMENSIONS (LxWxH)	1,710x1,350x1,750 mm 67x53x69 Inch
WEIGHT (APPROX.)	250 kg 551 lbs

\* can be increased up to approx. 16,000 m<sup>3</sup>/h (9,417 cfm) using a frequency converter  
E = electrostatical

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