

## RECUBE: OUR STANDARD LINE

PRINTING & CONVERTING VENTILATION UNIT  
WITH ENERGY RECOVERY AND CONTROL FEATURES

PAT. NO. TO2015A000163 DE102016104491.1



WE CREATE AIR, PERFORMANCE, SILENCE

# THE BENEFITS OF MOVING FROM TRADITIONAL PLANTS AND SYSTEMS



PATENT N. T02015A000163  
DE102016104491.1

TO THE **RECUBE SYSTEM**

## OUR STANDARD LINES

- COMPACT:** LESS TRASPORT COSTS
- RAPID INSTALLATION:** LESS ON SITE COSTS
- HIGH TECH:** 4.0 INDUSTRY INTEGRATION
- LOW NOISE LEVELS:** LOW ACUSTIC IMPACT DUE TO A SPECIAL PATENTED NOISE REDUCTION CASE
- HIGHER ENERGY EFFICIENCY:** EFFICIENCY INCREASED BY 30%
- MINOR HEAT LOSS:** LOSES REDUCED BY 30%
- ECO FRIENDLY:** LOWER END LIFE IMPACT
- LESS COMPONENTS:** ELIMINATION OF SOUNDPROOF CABINE
- EASY MANTAINACE:** LESS DISSASSEMBLY OPERATIONS



RECUBE ONE SPECIAL



RECUBE DOUBLE SHORT



RECUBE DOUBLE BLOW



RECUBE TRIPLE TWO HEAT



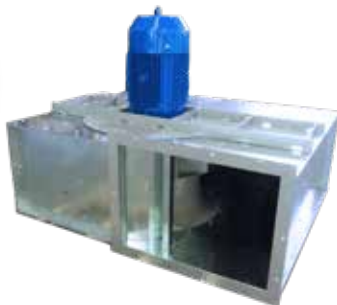
RECUBE DOUBLE TALL



RECUBE TRIPLE ONE



TALL VERSION



SHORT VERSION

RECUBE ONE SIMPLE TALL & SHORT

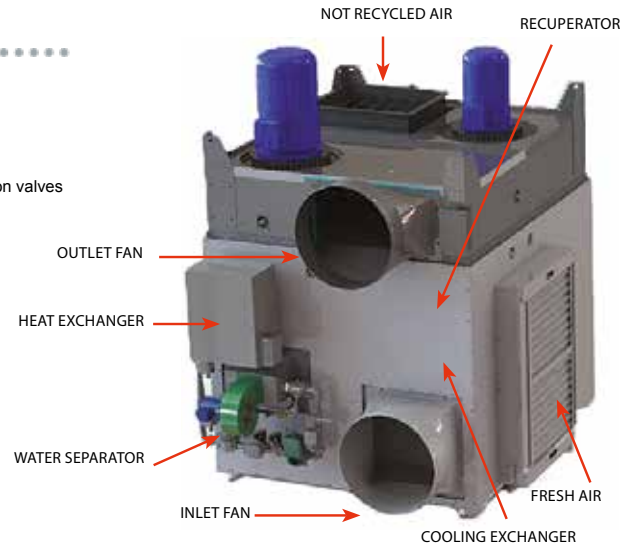
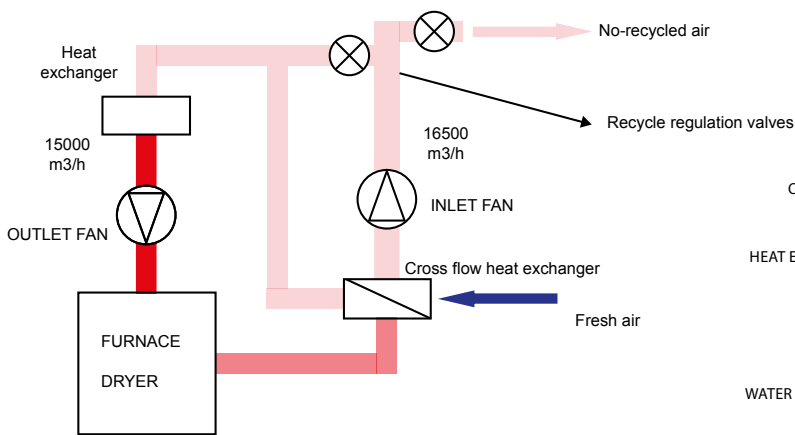


RECUBE PLANT SYSTEM

RECUBE IS **GREEN** RECUBE IS **LIFE-LONG**  
RECUBE IS A CONCEPT

## EXAMPLE OF FLOW CHART ACHIEVABLE WITH RECUBE SYSTEM BY RIMOR

- 50% INCREASE OF EMISSION SURFACE
- 50% LESS SPACE OCCUPIED
- NO JOINTS MAINTENANCE
- LESS MOTORS MAINTENANCE (VERTICAL MOTORS)
- STANDARD SERIES UP TO 350°C
- SPECIAL EXECUTION UP TO 750°C



## CONTROL SYSTEMS

### RECIRCULATION



SAMPLING SYSTEM WITH LEL SENSOR



HUMIDITY SENSOR

### TEMPERATURE



PT100 SENSOR



TEMPERATURE REGULATOR

### FLOW



PID WITH INTEGRATED INVERTER



INVERTER IP54

## HEATING SYSTEMS

Gas, electricity, oil, steam or diesel based heating systems



OIL HEATER



ELECTRIC HEATER



GAS BURNER

## ENERGY SAVING

Pressure double-zero system and double valve, no section change and junction.

THERMAL-ACOUSTIC COIBENTATION UP TO 80 DB(A)



PLATES HEAT EXCHANGER

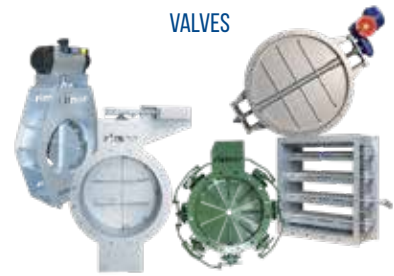
INDUSTRIAL FAN AND FURNACE AGITATORS



SOUNDPROOF FANS ROTOCABE®



VALVES



AIR FILTRATION SYSTEMS



SOUNDPROOF CABINS



SANDBLASTING, METALIZATION AND PAINTING PLANTS



RECUBE SYSTEM®, ENERGY RECOVERY UNIT FOR VENTILATION AND HEATING



**UNCONVENTIONAL AIR DESIGN**

- SECTOR: AUTOMOTIVE: TESTING; CLIMATIC CHAMBERS, TESTING SOLUTIONS
- SECTOR: CONCRETE BLOCKS
- SECTOR: MINING AND TUNNEL VENTILATION
- SECTOR: PRINTING & CONVERTING
- SECTOR: HIGH TEMPERATURE AND FURNACE FANS
- SECTOR: TRIM SUCTION AND SHREDDING OF IN-LINE PLASTIC FILMS
- SECTOR: GLASS MANUFACTURING
- SECTOR: WASTE / ENERGY / EMISSION
- SECTOR: BIOMASS

TRIM SUCTION AND SHREDDING IN-LINE PLASTIC FILMS



CONDITIONING AND HUMIDITY REMOVAL UNIT



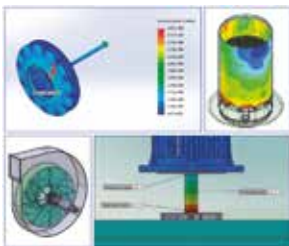
PLANTS AND MAINTENANCE



ELECTRICAL PANEL



ENGINEERING AND SIMULATIONS



DISTRIBUTION AND CONSULTING



AUTOMOTIVE TESTING



**RIMOR SUPPORTS YOU FROM THE IDEA TO THE FINAL PRODUCT**



**MAIN INDUSTRIES**

- AUTOMOTIVE TESTING
- CHEMICAL & PHARMACEUTICAL
- ENERGY / COMPOST / SYNGAS / BIOMASS
- HIGH TEMPERATURE & FURNACE FANS
- GLASS TREATMENT
- THERMAL TREATMENT
- OIL & GAS
- PRINTING & CONVERTING
- TRIMS SUCTION & SHREDDING

**ENGINEERING - PRODUCTION - DISTRIBUTION**