

CERTIFICATION OF YIELD WITH FLOW DISTRIBUTION ON ALL INTERCHANGEABLE HEATING SOURCES



PATENT N. T02015A000163 DE102016104491.1



TECHNOLOGY BY



rimor
UNCONVENTIONAL AIR **DESIGN**

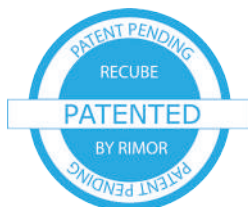


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UNCONVENTIONAL AIR **DESIGN**

RECUBE IS SMART

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THE BENEFITS OF MOVING FROM TRADITIONAL PLANTS AND SYSTEMS



TO THE RECUBE SYSTEM

1 MONITORING AND TECHNOLOGY
SPECIFIC INDUSTRY 4.0 CERTIFICATION
PATENTED VENTURIMOR FLOW RATE CONTROL WITH 5% ABSOLUTE PRECISION

2 GREEN
GREEN MANUFACTURING WITHOUT WELDING
GREEN MANUFACTURING WITHOUT SOUNDPROOFING MINERAL WOOL

3 EFFICIENCY
STANDARD INTERNAL CIRCUITS < 10 M/S
DISTRIBUTION ON CFD HEATINGS WITH 90% PRECISION (MAXIMUM 10% DEVIATION IN THE SECTION)
DISTRIBUTION ON REGULATION VALVES WITH 90% UNIFORMITY
DISTRIBUTION ON FUMES RECUPERATORS
ERP FANS GUARANTEED YIELD 78-84%
ABSENCE OF THERMAL BRIDGES
CONTINUOUS INSULATION WITHOUT HOT POINTS
DISTRIBUTION ON CFD FUMES RECUPERATORS AND FILTERS WITH 90% DEVIATION

4 LIMITED IMPACT
VIBRATIONS UP TO 1 MM/S IN OPERATIONAL CONDITIONS
ABSENCE OF ANTI-VIBRATION JOINTS
ABSENCE OF VIBRATIONS ON GROUND
SUBSTANTIAL REDUCTION OF RESONANCES

5 OPERATIONAL SAFETY
PAINTLESS MANUFACTURING
PERFECT INTERNAL SEALING GUARANTEE

6 DURATION
TEMPERATURE ON BEARINGS 60C EVEN FOR THE 750C MODELS WITH THE 'STOP HEAT' PATENT
EXTERNAL MOTORS WITH VENTILATION AT MAXIMUM EFFICIENCY COMPARED TO CASES THAT ENCLOSE THE MOTORS

7 SAFETY AND MAINTENANCE
SAFE MANUFACTURING MOTOR ASSEMBLY AND DISASSEMBLY
SAFE, EQUILIBRATED MACCHINERY MAINTENANCE
SAFE MACCHINERY CLEANING MAINTENANCE



1 UNDER CONTROL:
COMPLETE CONTROL OF FLOW RATE AND PRESSURE WITH VENTURIMOR



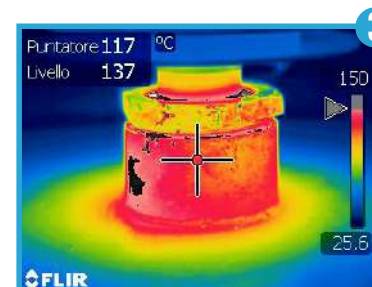
1 HIGH TECH:
4.0 INDUSTRY INTEGRATION



2 LOW NOISE LEVELS:
LOW ACOUSTIC IMPACT DUE TO A SPECIAL PATENTED NOISE REDUCTION CASE



3 HIGHER ENERGY EFFICIENCY:
EFFICIENCY INCREASED BY 30%



3 LESS HEAT LOSS:
LOSSES REDUCED BY 30%



4 RAPID INSTALLATION:
LOWER ON-SITE COSTS
ABSENCE OF DISPERSION BY ACOUSTIC AND THERMAL INSULATION FIBRES



4 ESS COMPONENTS:
ELIMINATION OF THE SOUNDPROOF CABIN



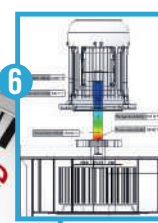
4 MINIMAL:
NO CONNECTION BOLTS
NO EXPANSION JOINTS
NO COMPLEX COMPONENTS



5 ECO FRIENDLY:
LOWER END LIFE IMPACT



6 DURABLE:
HIGHER LONGEVITY COMPARED TO A TRADITIONAL SYSTEM



7 EASY MAINTENANCE:
LESS DISASSEMBLY OPERATIONS



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