SINTRA
SISTEMI INNOVATIVI DI TRATTAMENTO ARIA

ASSISTED DESIGN REQUEST

MIX-IND® TECHNOLOGY

INTELLECTUAL PROPERTY(*)

Company :	Name :
Project reference :	Activity carried out on the premises:

NON-DISCLOSURE AGREEMENT

. The technical solutions which will be designed by SINTRA as a consequence of this request are protected by Intellectual Property (IP) against counterfeiting.

. Each party to this Agreement is referred to as 'the Recipient' when it receives or uses the Confidential Information disclosed by the other party.

. The Recipient undertakes not to use the Confidential Information disclosed by the other party for any purpose except the Purpose, without first obtaining the written agreement of the other party.

. The Recipient undertakes to keep the Confidential Information disclosed by the other party secure and not to disclose it to any third party

. Neither this Agreement nor the supply of any information grants the Recipient any licence, interest or right in respect of any intellectual property rights of the other party except the right to copy the Confidential Information disclosed by the other party solely for the Purpose

Date: _____ Approval signature and stamp:

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TECHNICAL SUPPORT REQUEST

Applicant's information :

☐ Address _____
☐ City, State _____
☐ Zip Code _____
☐ Office tel. _____
☐ Mobile tel. _____
☐ Fax _____
☐ E-Mail _____

☐ FINAL CUSTOMER
☐ ARCHITECT
☐ ENGINEER OFFICE
☐ FITTER
☐ GENERAL CONTRACTOR
☐ _____

Air duct material:

☐ Metal built with the green SPIROPACK™ technology
- ☐ Epoxy painted, RAL-like _____
- ☐ _____

Kind of installation:

- ☐ air conditioning (heating and conditioning)
- ☐ heating only
- ☐ conditioning only
- ☐ adiabatic cooling
- ☐ ventilation
- ☐ fresh air compensation of industrial extractions
- ☐ ~~Hot~~ cold air barrier
- ☐ _____

Dates:

☐ Technical solution - quote _____
☐ of the possible supply _____

REQUIRED PERFORMANCES LEVEL

☐ **1 -** maximum available performances
☐ **2 -** best price/quality ratio
☐ **3 -** most competitive price, medium performances
☐ **4 -** most competitive price, minimum performances

NOTES:

SINTRA s.r.l. : Corso Europa,24-28010 - Z.I. Fontaneto d'Agogna (NO) - Tel. +39.0322.863601 - Fax +39.0322.863688 /P.Iva 01624740187 - Capitale soc.118.000 €.
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TECHNICAL SUPPORT REQUEST

NOTE: Please gather as much information (such as floor and cross section plans) so that SINTRA designs the best MIX-IND® technical solution.

Type of projects:

- ☐ New building
- ☐ Existing building
  - ☐ year of construction (approx.): _____
- ☐ preferably with :
  - ☐ indication of the geographic North
  - ☐ indication of the dominant wind's direction

- ☐ Energy refurbishment of an existing installation
- ☐ new HVAC installation

Possible accepted risks :

- ☐ stratification risk
- ☐ air draft risk

NOTES

- ☐ Important
- ☐ Less important

Building's physical characteristics:

- ☐ floor surface ft2 _____
- ☐ medium height ft _____
- ☐ volume ft3 _____
- ☐ building :
  - ☐ existing
  - ☐ to be built
- ☐ Building thermal quality:
  - ☐ excellent
  - ☐ good
  - ☐ mediocre
  - ☐ bad
- ☐ Roof's permeability to air :
  - ☐ excellent
  - ☐ good
  - ☐ mediocre
  - ☐ bad
- ☐ openings of doors and sectional doors:
  - ☐ often
  - ☐ not so often
  - ☐ appraisal of the average door opening time: minutes/hour _____
  - ☐ appraisal of the average open doors section: ft2 _____

☐ Building specifications:

☐ Building activities:

IMPORTANT

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TECHNICAL SUPPORT REQUEST

PROJECT'S TECHNICAL CHARACTERISTICS

Winter thermal load:

☐	Static heat loss of the building (structure)	kW	_____
☐	Air infiltration in the environment (without the AHUs external air)	kW	_____
☐	Forced air extractions	CFM	_____
☐	Fresh air supplied by AHU	CFM	_____

Summer thermal load:

☐	External inputs (structure, windows, skylights, etc.)	kW	_____
☐	Sensible internal inputs, (people, lights, etc.)	kW	_____
☐	Latent internal inputs, (people, etc.)	kW	_____
☐	Forced air extractions	CFM	_____
☐	Fresh air supplied by AHU	CFM	_____

Air treatment system:

☐	Total supply air flow	CFM	_____
☐	Fresh air flow	CFM	_____
☐	Available static fan pressure	Pa	_____
☐	AHU or thermal fan please send characteristics), with fan:		
	☐ with forwards curved blades		
	☐ with backwards curved blades		
	☐ variable air flow with a frequency regulator		
☐	roof-top or DRV unit :		
	☐ reversible		
	☐ variable air flow		_____/100%
	☐ natural gas module		
	☐ hot water coil		
☐	Make up air generator		
☐	Other: _____		

Winter conditions:

☐	Environment temperature	°F	_____
☐	Maximum supply air temperature	°F	_____
☐	Minimum supply air temperature	°F	_____
☐	Environment hygrometry	%HR	_____
☐	Minimum external temperature	°F	_____

Summer conditions:

☐	Environment temperature	°F	_____
☐	Minimum supply air temperature	°F	_____
☐	Maximum external temperature	°F	_____
☐	External environment hygrometry	%HR	_____
☐	Environment hygrometry	%HR	_____

Occupation:

☐	Per day	hours	_____ /24
☐	Per week	days	_____ / 7

☐ Required specification (ϕmax, air ducts positions, dBa…)

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