

Specificații tehnice

[Acest tabel va fi completat de către ofertant în coloanele 2, 3, 4, 6, 7, iar de către autoritatea contractantă – în coloanele 1, 5]

Numărul procedurii de achiziție: <i>Informația o găsiți în SLA RSAP.</i>
Obiectul achiziției: <i>Climatizatoare</i>

Denumirea bunurilor/serviciilor	Denumirea modelului bunului/serviciului	Țara de origine	Producătorul	Specificarea tehnică deplină solicitată de către autoritatea contractantă	Specificarea tehnică deplină propusă de către ofertant	Standarde de referință
1	2	3	4	5	6	7
Climatizatoare	OPA 141+ TMC 31 (AC) V	Italia	Tecnaïr	<i>Conform Anexei la Anunțul de participare</i>	<i>Conform Anexei la Anunțul de participare (datele tehnice atasate mai jos)</i>	
TOTAL						

Semnat: _____ Numele, Prenumele: Ciomasu Trifan În calitate de: administrator
Ofertantul: Lerai Grup Adresa: Str. Varnita 2/15

Specificații de preț

[Acest tabel va fi completat de către ofertant în coloanele 5, 6, 7, 8, iar de către autoritatea contractantă – în coloanele 1, 2, 3, 4, 9, 10]

Numărul procedurii de achiziție: <i>Informația o găsiți în SLA RSAP.</i>
Obiectul achiziției: <i>Climatizatoare</i>

Cod CPV	Denumirea bunurilor/serviciilor	Unitatea de măsură	Cantitatea	Preț unitar (fără TVA)	Preț unitar (cu TVA)	Suma fără TVA	Suma cu TVA	Termenul de livrare/prestare	Clasificație bugetară (IBAN)
1	2	3	4	5	6	7	8	9	10
42512000-8	Climatizatoare	buc.	3	400000	480000	1200000	1440000	Bunurile vor fi livrate și serviciile de montare și punere în funcțiune vor fi prestate în termen de maxim 120 zile de la încheierea contractului, cu transportul Furnizorului/Prestatorului.	MD97VI00000 2224212555MDL
	TOTAL								

* Prețul ofertei va include costul materialelor folosite și a serviciilor prestate conform cerințelor din Anexa la Anunțul de participare, inclusiv cheltuielile de transport.

Locul livrării / prestării: str. Mesager, 5/5, mun. Chișinău

Semnat: _____ Numele, Prenumele: Ciomasu Trifan În calitate de: administrator
Ofertantul: Lerai Grup Adresa: Str. Varnita 2/15

TECHNICAL SPECIFICATIONS**Ver. 3.3.0.279 - 01/07/2023**

Front suction,top discharge. Metal sheet frame dark grey colour (antracite).

Closing pannels made of metal sheet painted in epoxidic dark grey color. Selfextinguishing thermoacoustic insulation material covered by antifricition film (A1- UNI/ISO 3795)

Survey3 Modbus microprocessor for temperature and humidity control. Standard equipped with RS485 port (Modbus RTU), RJ45 port (Modbus IP), terminals for smoke/fire and supply temperature sensor.

Complete electric panel. Door lock main switch. All components are protected against short circuit or overload.

POWER SUPPLY**400V-3PH+N+PE-50Hz (not for IT power distribution)**

<u>Altitude</u>	[m]	0
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FILTERING SECTION

Pleated air filter Pressure switch for dirty filter alarm

Quantity	[n]	1
Filtering efficiency:		M5
Suggested final pressure drop	[Pa]	250
Dimensions	[mm]	700 x 640 x 48

FRIGORIFIC CIRCUIT

Frigorific circuit in copper tubes thermically insulated equipped with electronic expansion valve.

Refrigerant type:		R410a		
Number of circuits:	[n]	1	Internal volume of the circuit	[dm3] 1 x
Number of coils:	[n]	1	Nom. power consumption:	[kW] 4,09
Compressors:	[n]	1	Nominal capacity:	[Hp] 6
Compressor type:		Brushless DC compressor with inverter		

FRIGORIFIC CIRCUIT PERFORMANCES

Performance are declared according to EN 14511 (at gross of the heat generated by the fan). The ambient thermal load must not be less than 40% of the unit's total cooling capacity.

100 % recirculation				
Return air:	[°C]	24,0	Off-coil air:	[°C] 10,6
Return air:	[%] 45,0	WB [°C] 16,2	Off-coil air:	[%] 91,8
Condensing temperature:	[°C]	45,0		
Total cooling capacity:	[kW]	16,3	Sensible cooling capacity:	[kW] 13,6
EER (Energy Efficiency Ratio):		3,51	EER = total cooling capacity / compressors + fans power input. Air cooled condensers excluded.	

RE-HEATING COIL

Low thermal inertia stage electric heater Safety thermostat to prevent overheating

Number of coils:	[n]	1
Nom. power consumption:	[kW]	6,0
Regulation:		1 stadio

HUMIDITY CONTROL

Steam humidifier with submerged electrodes and humidity sensor Plastic steam cylinder. Steam distributoir installed downsteram the air treatment section.

Humidifiers	[n]	1
Maximum steam production:	[kg/h]	3
Maximum power consumption:	[kW]	2,3

FAN SECTION

EC fan (electronically commutated) .

Available static pressure:	[Pa]	30	Nom. power consumption:	[kW] 0,55
Total air flow:	[m3/h]	3.200	Nom. RPM:	76 %
Number of fans:	[n]	1		

ACOUSTIC PERFORMANCES

SWL fan discharge	[dB(A)]	79	at the air supply mouth without sound absorbers
SPL front of the unit	[dB(A)]	59	at 2mt in free field (ISO 3744)

SOUND PRESS.AND POWER LEV.IN OCTAVE BAND

Freq.of the cent.of the oct.band	Tot.	63Hz	125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	8kHz
SWL fan discharge	79	77	77	78	75	69	71	70	67
SPL front of the unit	59	57	57	58	55	49	51	50	47

EXTERNAL CONNECTIONS

Frigorific connections		
Inlet		1 x 12 mm ODS
Outlet		1 x 16 mm ODS
Frigorific lines between unit and condenser (suggested)		
Liquid lines up to 50 m (equivalent lenght)		1 x 1/2" (12,70 mm)
Discharge lines up to 50 m (equivalent lenght)		1 x 5/8" (15,88 mm)
Humidifier connections		
Water inlet		Ø 8 mm
Water outlet connected in parallel to the one of the condensate pan		
Condensing drain diameter		Ø 25 mm

ELECTRICAL CHARACTERISTICS

Power supply	400V-3PH+N+PE-50Hz (not for IT power distribution)
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Customers will receive the specific wiring diagram complete with indications on real power and amperage, suggested dimensions of the wiring cables and sizing of the protection of the electric line within 10 working days from the date of the order confirmation.

WEIGHT and DIMENSIONS

Unit net weight (except accessories):	[kg]	205
Shipping weight standard packing (except accessories):	[kg]	215
Shipping dimensions with standard packing:	[mm]	850 x 700 x 2.200
Shipping weight in wooden box (except accessories):	[kg]	315
Shipping dimensions with wooden box packing:	[mm]	1.110 x 850 x 2.300

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Air inlet temp.	[°C]	35,0
Condensing temp.	[°C]	45,5
Temperature of the hot gas	[°C]	80,5
Subcooling	[K]	0
Refrigerant		R410A
Sea level	[m]	0
Version		Vertical

Power supply: 230V-1PH-50Hz

Capacity	[kW]	20,4
Air quantity	[m3/h]	6.624
Energetic efficiency class		D
Power consumpt.	[W]	614
Power consumpt.	[A]	2,8
Max fans absorption	[A]	3,0
Fans speed	[1/min]	1.300
S.P.L. (distance 10 [m])	[dB(A)]	48
Sound Power Level	[dB(A)]	79

Fans:	[mm]	1 x 500	Weight	[kg]	67
Pole :	[n]	4	Inlet connect.	[n] x [mm]	1 x 22
Fin spacing:	[mm]	1,8	Outlet	[n] x [mm]	1 x 22
Volume	[dm3]	3,00	Circuit	[n]	20 x 1
Surface	[m2]	44,8	Overall dimens.	[mm]	1.206 x 570 x 830
Frame material	Galvanized steel powder coated RAL 9003		Fins material	Al	
Header material	Cu		Tube material	Cu	

* Refer to TECNAIR catalogues for details, way of data declaration and standards. Noise level according to EN 13487. The weight and the dimensions are not valid for all the possible configurations. All fans are ErP-compliant (Directive 2009/125/EC Energy-related products) ATTENTION: contact always TECNAIR before matching a regulation not supplied by TECNAIR.