



Especificaciones Técnicas Equipo Ofertado

Aire Acondicionado de Precisión marca Uniflair Leonardo Evolution TDAV-TUAV, con las siguientes características:

Compresor (s) ON | 2

Total cooling capacity | 44.7 10kW Sensible cooling capacity | 37.4 kW Net total cooling capacity | 42.2 kW

Net sensible cooling capacity | 34.9 kW SHR | 83.7 %

EER (total cooling capacity/total system power consumpt.) | 2.7 kW/kW

COP (Compressor Coefficient of Performance) | 3.6 kW/kW Room unit air flow rate | 12320 m³/h

Room unit air flow rate | 3.4 m³/s

Discharge air temperature off unit | 15.3 °C Discharge air relative humidity Number of fans | 2 -

Fan(s) absorbed power | 2.5 kW Fan(s) electr. abs. | 4.1 A

Fan(s) speed regulation | 74 %

Max external static pressure | 505.4 Pa

Sound pressure level at 2 m in free field (bottom air suction) | 58.1 dB(A)

Sound pressure level at 2 m in free field (front air suction) | 62.1 dB(A)

Condenser absorbed power | 1.6 kW Condenser absorbed current | 7.0 A Condenser air flow rate | 22084 m³/h Condenser air flow rate | 6.1 m³/s

Condenser sound pressure level at 5 m in free field (with legs) | 55.4 dB(A)
DIMENSIONS



SANTO DOMINGO

Calle Gala #8
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809-540-4250
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SDS



Air Conditioner Unit Height | 1960 mm Width | 1720 mm Depth | 865 mm
Weight | 575 kg

Condenser (Without legs) Height | 1350 mm

Width | 2360 mm

Depth | 720 mm

Incluye: Servicio Básico de Instalación: Instalación eléctrica, Instalación Mecánica y Puesta en Marcha por Personal Certificado por Schneider Electric.

Importante: Incluida la puesta en marcha en horario 5x8

Garantía: Un (1) año en Piezas y Servicios

Tiempo de Entrega: De 12-14 Semanas a partir de recibida la Orden de Compra.

Condiciones de Pago: Treinta (30) días de Crédito.

Soranlly De los Santos

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Inside Sales

Fecha: 04 de Junio de 2019



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Leonardo™ TDAV-TUAV

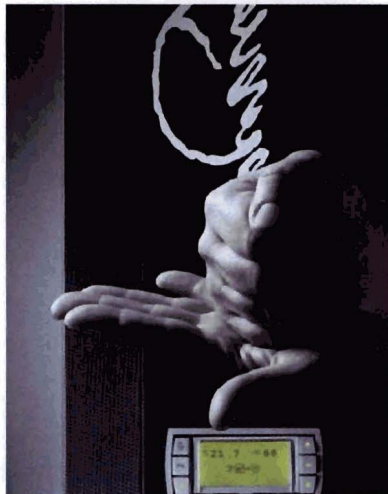


Direct expansion air cooled units
Backward EC curved fans

Range
From 26 to 65 kW

Leonardo Evolution™ direct expansion precision air conditioning units designed for environments where high-tech apparatus are used: web hotels, telephone exchanges, large computer rooms, data storage and transmission rooms.

The character within:
precision and reliability, high energy efficiency, versatile configurations, energy saving, compact dimensions, intelligent heart, connectivity, outstanding performance, respect for the environment.



Main characteristics

Air conditioning units characterized by high reliability and energy saving.

Possibility to control the temperature and relative humidity of the environment. Uniguard microprocessor control system for either local or remote control management.

Version equipped with tandem compressors for high energy efficiency at partial loads.

All models equipped with electronically commutated backward curved fans with very low power consumptions.

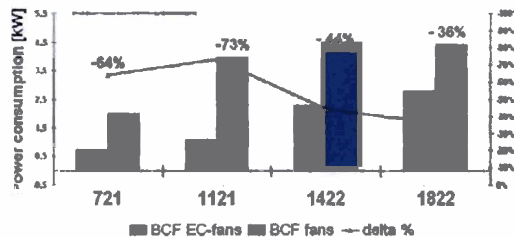
Selection of the fan speed according to the EPS required by the aeraulic system from the microprocessor.

Total front access for unit maintenance.

Electronic expansion valve integrated with the microprocessor and managed with exclusive Uniflair software.

Intelligent dehumidification control integrated with the electronic expansion valve.

Integrated ModBus on RS485 serial card Built-in LAN card.



UNIFLAIR™

SAS

Technical Data

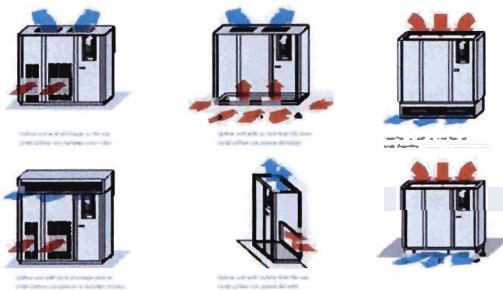
Air cooled direct expansion units with EC backward curved blades fans

Model TDAV-TUAV		721	722	921	922	1021	1022	1121
Height	mm	1960	1960	1960	1960	1960	1960	1960
Width	mm	1310	1310	1310	1310	1310	1310	1720
Depth	mm	865	865	865	865	865	865	865
Weight	kg	430	447	430	447	430	447	548
Airflow	m ³ /h	8220	8220	8220	8220	8220	8220	12320
External static pressure	Pa	20	20	20	20	20	20	20
Total cooling capacity	kW*	26.0	26.0	31.8	31.8	35.3	35.3	39.0
Sensible cooling capacity	kW*	26.0	26.0	30.3	30.3	32.1	32.1	39.0
N. refrigerant circuits		1	2	1	2	1	2	1
N. compressors		2	2	2	2	2	2	2
Electric supply voltage	V	400 V / 3 ph + N / 50 Hz						

Model TDAV-TUAV		1122	1321	1322	1422	1622	1822
Height	mm	1960	1960	1960	1960	1960	1960
Width	mm	1720	1720	1720	2171	2171	2171
Depth	mm	865	865	865	865	865	865
Weight	kg	559	575	585	698	714	714
Airflow	m ³ /h	12320	12320	12320	16030	16030	16030
External static pressure	Pa	20	20	20	20	20	20
Total cooling capacity	kW*	39.0	42.8	42.8	51.8	58.9	65.9
Sensible cooling capacity	kW*	39.0	42.8	42.8	51.8	58.4	61.3
N. refrigerant circuits		2	1	2	2	2	2
N. compressors		2	2	2	2	2	2
Electric supply voltage	V	400 V / 3 ph + N / 50 Hz					

(*) Based on 24°C @ 50%, ESP=20 Pa, condensing temperature = 48° C dewpoint with R407C

Applications



Versions

The direct expansion range is available for downflow and upflow versions with the following principal accessories:

- standard and enhanced electrical reheat
- hot water reheat
- hot gas reheat
- high ESP (external static pressure) available
- condensate drain pump
- immersed-electrode humidifier
- humidifier with cleanable electrodes
- air filter installed inside the unit up to EU5 efficiency
- air filter installed outside the unit with additional plenum or floor stand up to EU8 efficiency
- fresh air module
- microprocessor semi-graphic display control
- uniguard UG40
- upflow version available with air suction from the front, the rear or the base
- integration with low temperature air cooled condenser version available