

Date 14/8/2015
 For the attention of:
 Reference ISLE OF SCILLY
 Operator



AIR COOLED CONDENSER WITH AXIAL FANS
Type: XDHV1X 4125 - SPECIAL EC FANS

Refriger (u) 2015 Ver. 2.1.3.288 - PRICE LIST 1/2015

Air inlet temperature	[°C]	35.0
Condensing temperature	[°C]	44.0
Hot gas temperature	[°C]	79.0
Subcooling	[K]	3
Refrigerant		R407A
Altitude	[m]	0
Version		Horizontal
Power supply	400V-3PH-50Hz	SPECIAL EC FANS
Capacity	[kW]	60.36
Air flow	[m3/h]	19,300.0
Energy efficiency class		A+ (2014 thresholds)
Power consumption	[W]	345
Motor consumption	[A]	0.5
Max absorbed current	[A]	2.2
Fan speed	[1/min]	410
Sound level (at distance) 10 [m]	[dB(A)]	28
Sound Power Level	[dB(A)]	60
Fans :	[mm]	2 x 910
Poles	[n]	EC FANS
Fin spacing:	[mm]	2,1
Coil operating maximal pressure	[bar]	30.0
Casing material	Powder coated galvanized steel RAL 9003	Volume [dm3] 76.00
Headers material	Cu	Surface [m2] 447
		Weight [kg] 468
		Overall dimensions [mm] 2,850 x 1,200 x 1,660
		Fin material Alupaint
		Tube material Cu

The sound levels indicated are reached with The Whisperer (sound damper) installed The overall dimensions do not consider the additional height of 455 [mm] of the Whisperer.

* Refer to LU-VE S.p.A. catalogues for details, presentation of data and standards. Noise level according to EN 13487. The current refers to nominal value. For max current see catalogues. Weight and dimensions are not valid for all possible configurations. All fans are ErP 2015-compliant (Directive 2009/125/EC Energy-related products). LU-VE S.p.A. reserves the right to modify and correct at any time, with or without notice, the specifications and prices listed in the Refriger software. **WARNING: please always contact LU-VE S.p.A. before coupling a regulation NOT supplied by LU-VE S.p.A.**

New EC fan. When setting the rpm take into consideration a tolerance of ±5%. Self protected, suitable for regulation by signal 0-10 VdC or BUS RS485.

SOUND POWER LEVEL

	Tot.	63Hz	125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	8kHz
400V-3PH-50Hz [dB(A)]	60	37	42	49	54	57	51	48	44

SOUND POWER LEVEL REDUCED BY The Whisperer ®

	Tot.	63Hz	125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	8kHz
400V-3PH-50Hz [dB(A)]	57	35	41	47	51	53	49	46	42

Data refers to one fan. IMPORTANT: data tolerance in the sound spectrum is higher (± 5 dBA) than the combined pressure and power spectrum, with greater variation at low frequencies.

Night Time Set Back

Air inlet temperature	[°C]	25.0
Condensing temperature	[°C]	42.0
Capacity	[kW]	60.36
Power consumption	[W]	85
Fan speed	[1/min]	220
Sound level	[dB(A)]	17
Sound Power Level	[dB(A)]	49

Accessories:

Q.ty	Code	Type:	Description	List Price €
1	30087140	ESJ 2/16A	ELECTRICAL PANEL FOR EC FANS	521.00
2	30103949C	A3G910-AO83--400V-610rpm	EC FANS	1,242.00
2	30143589	The whisperer 900	THE WHISPERER	1,608.00
1	ALUP	ALUPAINT	ALUPAINT	518.64
1	CABLEC	CABLAGGIO REG. EC FANS	WIRING FOR EC FANS	591.60
1	SCOOLO001	XXXX	SUBCOOLING	165.40

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Austria **China** **Germany** **India** **Russia** **Spain** **UK & Eire**

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Unitary list price	1 x 10,422.00 €	Delivery
Total list price	15,068.64 €	Payment conditions
Discount	%	Offer validity
Accessories discount	%	
Total net price	15,068.64 €	

WARNING, circuiting and connections are different from standard

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XDHV

37 ÷ 1000 kW
126 MODELS
252 VERSIONS

AXIAL FAN TYPE AIR COOLED CONDENSERS

XDHVF-XDHVN

Normal operation and normal energy consumption.

XDHVS-XDHVX-XDHVT

Low noise operation and low energy consumption.

XDHVU-XDHVR

Super low noise operation and super low energy consumption.

New Turbocoil heat exchanger

The extraordinary efficient performance of the heat exchanger is given by a combination of new fins and a special tube configuration.

The new heat exchanger advantages are the following:

- high in performance with low air quantity required
- low motor consumption
- low noise operation
- reduction of internal circuit volume and refrigerant.

Coil suspension

The new patented coil suspension system LU-VE Contardo completely eliminates the tube contact with the condenser frame and provides full protection for the coil tubes during the condenser transport, installation and operation.

Fan shroud

Special care of design casing, manufactured in galvanized steel, painted, corrosion resistant new high efficiency fan shrouds to eliminate air backflow and to reduce the noise each fan section is separated from the others fan guards conform to the most severe European Safety Standards.

Fan motors

New high performance and low energy consumption fan motors life lubricated - thermally protected motors and fans statically and dynamically balanced fan motors wired to the junction box (optional).

Test

All coils are degreased, cleaned and tested to 35 bar test pressure.

The units are EUROVENT certified

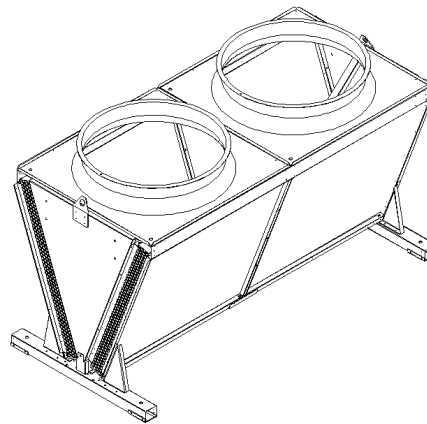
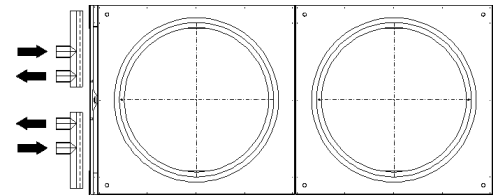
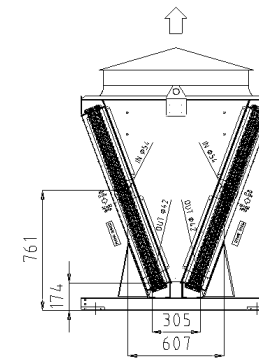
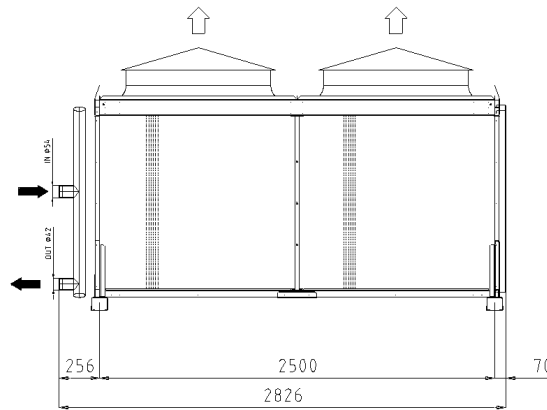
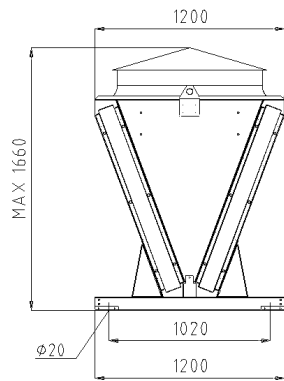
Design standard

The products are provided for incorporation in machines as defined in the EC Machine Directive **98/37/EC** and subsequent modifications according to the following safety standard references:

- Machine Directive **2004/108/EC** and subsequent modifications. Electromagnetic compatibility.
- Directive **2006/95/EC** Low tension.
- **EN 294** Fan guards.

Quality Assurance

LU-VE is a certificated company to UNI EN ISO9001:2000, which is the most important Quality Assurance qualification, covering Development, Testing, Production method and Inspection procedures.



Date	20-02-12	Type: XDHV1X 4125
Scale	1:1	Code: 10112432

Drawing refers to a machine in standard configuration, accessories not shown.
 WARNING, the drawing does not show: the Whisperer, Special circuiting.