

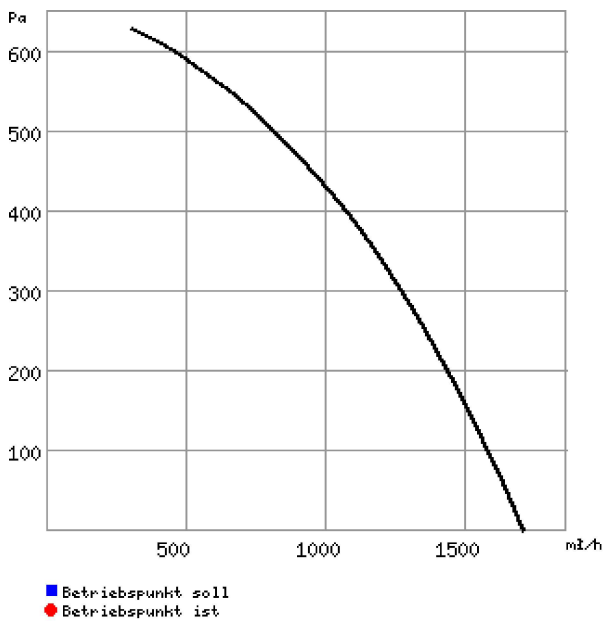
Product 4173 KWL EC 1400 D PRO

Image



Characteristics

Static pressure Pa



Air flow volume m³/h

Properties

Ref.no.	4173 - 007	
Model	KWL EC 1400 D PRO	
Description	Ceiling unit with heat recovery EC-fans automatic bypass, graphic display	
Actual pressure	static	
Actual volume		
Max. Vol.	1700 m³/h	
Speed		
FLC un-controlled	11.400 A	
STC un-controlled		
Power consumption	0.45 kW	
Voltage	400 V / 3 ph / 50 Hz	
Max.temp.	40 °C	
Wiring diagram no.	1243	
Weight	185.00 kg	
Delivery time	On request	
<b>Acoustic data:</b>		
Sound in-duct	52 in 1 m	
Case breakout		
<b>Intake</b>	<b>Hz</b>	<b>Total</b>
Lwa Intake	dB(A)	<b>60</b> 51 53 53 50 51 49 45
Lwa Extract	dB(A)	<b>80</b> 63 68 71 71 75 71 70
Lwa Breakout	dB(A)	

## **Description**

KWL EC 1400 D PRO

Ceiling unit with heat recovery

EC-fans

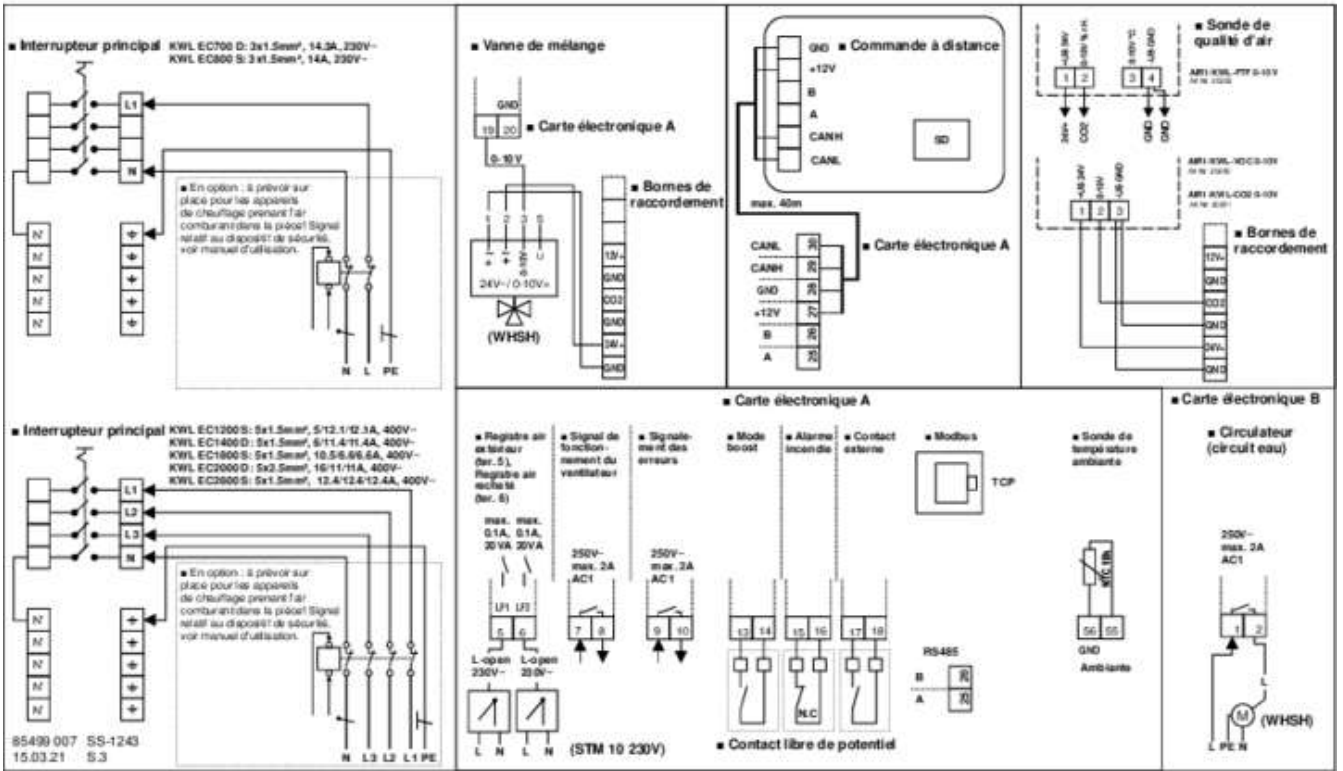
automatic bypass, graphic display

Central ventilation unit for ceiling installation with heat recovery , EC-fans, electric pre-heater battery, automatic bypass, graphic display . Ventilation unit tested according to passive-house standards with efficiency over 80%. With larger surface cross counterflow heat exchanger including automatic bypass with 100% heat exchanger covering and maintenance-free EC-fans. User-friendly operation over self-describing graphic elements with plain text directly at the touchscreen, incl. weekly program, calibration menu, code-protected service menu, etc. Choice between constant air flow volume or constant pressure regulation. Integrated electric pre-heater for extremely cold seasons. In order to achieve a constant supply air temperature an external warm water heater battery can be controlled over the unit control by means of the optionally available hydraulic unit WSHH 1100 24V (0-10V). Control of external exhaust and intake air shutters. Via an external switch, the unit can be set in standby mode. In addition, a contact for the fire alarm and additional contact for external control is available. Demand oriented ventilation using CO<sub>2</sub>- or humidity sensor.

## Accessories

Image	Ref.no.	Model	Description	Group
	20251	AIR1/KWL-CO2 0-10V	Room senso CO2 0-10V output	N
	20252	AIR1/KWL-FTF 0-10V	Room senso FTF 0-10V output	N
	20250	AIR1/KWL-VOC 0-10V	Room sensor VOC 0-10V output	N
	6816	ALB EC-SK 20	Control cable 20m to ALB EC...WW	A
	6817	ALB EC-SK 40	Control cable 40m to ALB EC...WW	A
	4193	ELF-KWL 1400 D/5 VDI	Spare air filter ePM10 50%/M5 to KWL EC 1400D, VDI 6022 1 pc.	L
	4195	ELF-KWL 1400 D/7 VDI	Spare air filter ePM 1 55%/F7 to KWL EC 1400D, VDI 6022 1 pc.	L
	1674	FM 315	FLEXIBLE SLEEVE DIA. 315 MM WITH 2 CLAMPS	A
	1204	FR 315	COUPLING FLANGE 315 MM	A
	4207	KWL-ÜS 1400 D	Adapter piece - symmetrical for KWL EC 1400 D from rectangular unit flange to circular ducting DN 315	L
	2578	RVM 315	MOTORISED BACK DRAUGHT SHUTTER	A
	7277	TFR-ALB/KWL	Temperature sensor for ALB EC .. WW/EH KWL EC 700-2600	A

# Wiring diagram



# Dimensions

