



# IQSA

*Chilled beam for ceiling mounting*

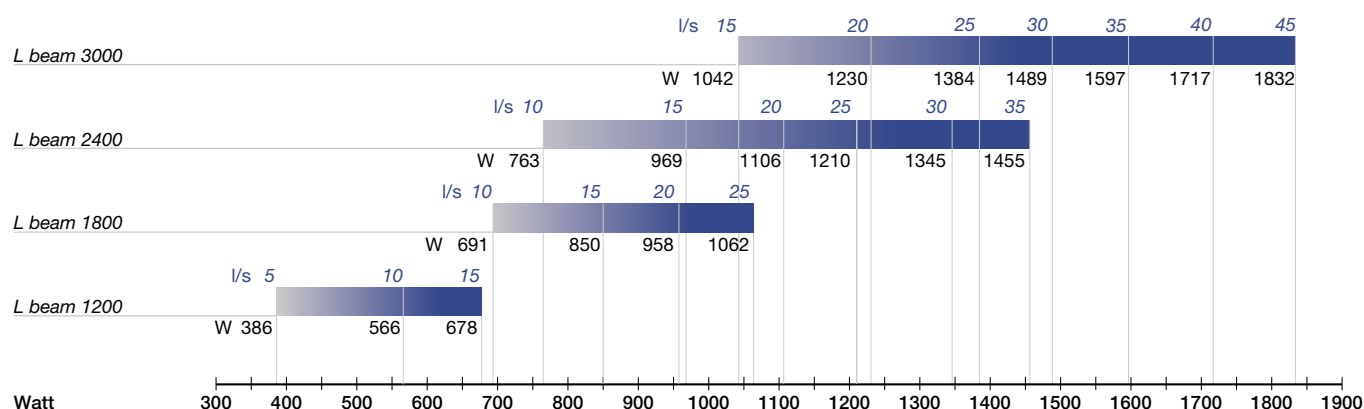
Product	IQSA
Construction material	Steel
Finishing	RAL 9010

The chilled beam is suitable for exposed installation in 300 mm ceiling modules. The chilled beam is equipped with adjusting rails for the adjustment of air flow. 18+18 possible calibration positions, 3 possible air flow directions, two or one way or with different air percentages between the supply vanes.

IQIC beams are fitted with a patented sound attenuator to optimize noise performances. The device is positioned by the air supply duct.  
Bottom plate can be pushed aside to enable adjustment of capacity, as well as service and check-up.  
Made of galvanized sheet steel, RAL 9010

finishing white, air feeding joint ø 125 or 100 mm.  
Two- or four-tube coil with joints ø 15 mm.  
The beam is fitted with a pressure outlet accessible from the room, to enable the measurement of the air flow.

## Quick selection



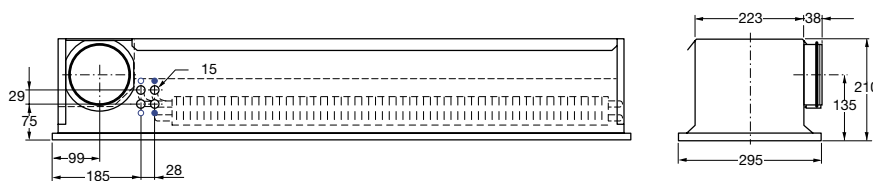
The above graphic representation refers to the following operating conditions.

Other conditions can be verified by using the WinDon<sup>®</sup> calculation program.  
For more information contact our Technical Office, Conditioning Division.

Pressure drop air side	Pa	60
Water capacity	l/s	0,050
Temperature room air	°C	26
Temperature of supply air	°C	16
temperature inlet water	°C	15

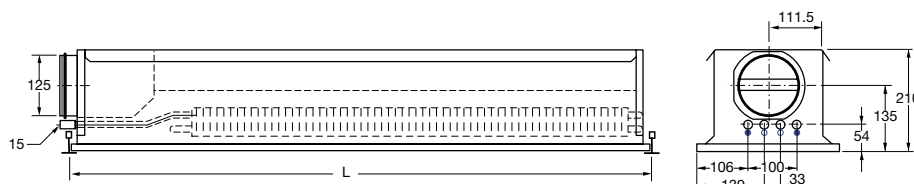
## Size

Connection alternative 1: air and water connections right in air direction



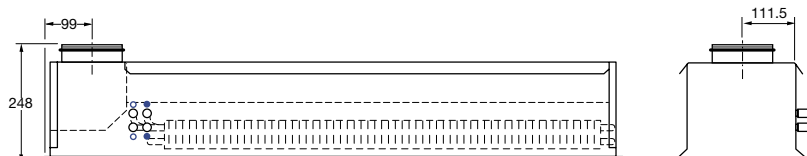
Size IQSA	Length mm	Weight kg
120	1195	14
175	1745	20
180	1795	21
240	2395	28
300	2995	35

Connection alternative 2: air and water connections through end wall



- Cooling water connection
- Heating water connection

Connection alternative 3: air connection up, water connection right in air direction



Water volume cooling	0,50 l/m coil
Water volume heating	0,25 l/m coil

# IQSA

## chilled beam for ceiling mounting

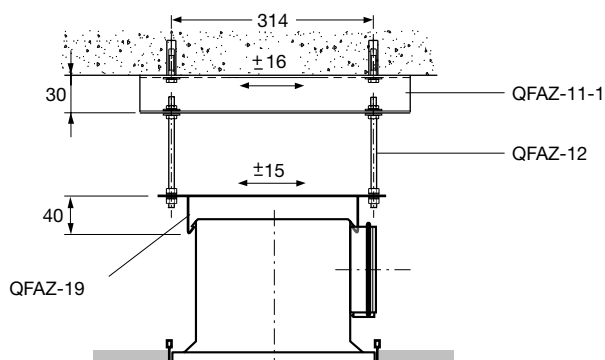
### Installation

Flexible hoses are used to make all air connections. We recommend mounting an iris damper to control the air flow. We recommend using fast-connection flexible hoses for the hydraulic connections

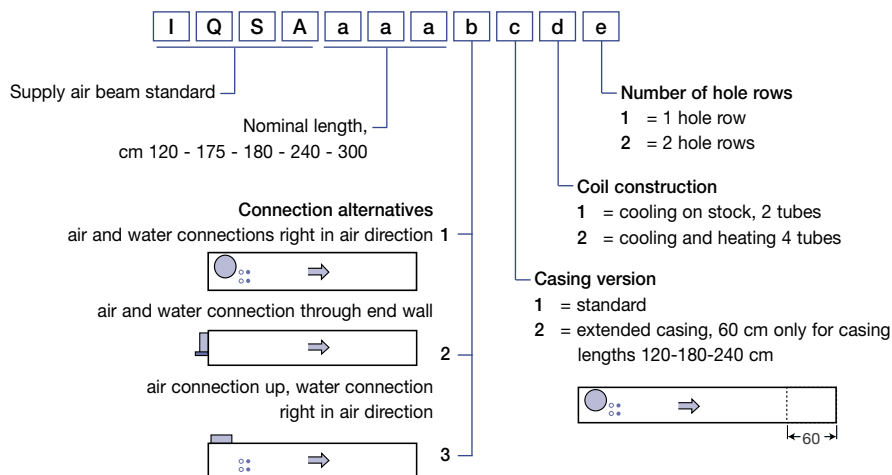
to prevent the transmission of vibrations coming from the hydraulic circuit to the chilled beam. This will avoid tension on the connections since they are not static connections and it will mean saving in labor.

This is the standard installation.

For information on other installation methods, please contact our Technical Office, Conditioning Division.



### How to order - Main code



### Accessories

#### IQAZ - 11 - 1

Version protected during mounting  
Protective film on painted surfaces  
(The plastic protection for the duct and the tube openings is standard)

#### QFAZ - 19

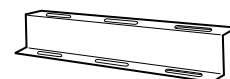
Attachment, unpainted

Set with 2 pcs 1 QFAZ-19 per beam



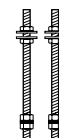
#### QFAZ - 11 - 1

Suspension brackets  
2 QFAZ-11-1 per beam



#### QFAZ - 12

Suspension rods MS  
Set with 2 pcs. Length 500 mm  
2 QFAZ-12 per beam



#### BFAZ - 01

Purging nipple  
Placed in return pipeline

#### IQAZ - 03

Air connection, 100 mm

### How to order - Accessory code

