

Air handling units

Order No.: 00622043/11(modification no.1 from 31.01.00)

Customer	Elco Wolf NL	Responsible in yr.	Dhr. R. Teijgeler
		com	
Project / commission	Stadsgevangenis Koddeweg	Pos	LBK 220.02
	te Hoogvliet		
Responsible in our com	Monika Ziegler	Order volume	1
Your job number	891804/11		
Unit typee	Supply air Horizontal		
Unit size supply air	KG 40 Gigant	Air volume supply air	1850 m³/h
Casing design	Gigant-casing		

Supply air:

(1) Bag filter section with direction of air flow to the bottom

Initial resistance	83 Pa	Selection resistance	133 Pa
Flexible connection Q		Access door bag filter section	
Filter bag F7		Lamp 24 Volt (dry room),Mounted and wired	

(2) Fan,Standard design

Air volume	1850 m³/h	Fan - speed	2850 1/min
External pressure	300 Pa	Peripheral velocity	33,6 m/s
Internal pressure	156 Pa	Efficiency	81,1 %
Dynamic pressure	25 Pa	Motor - capacity	0,5/0,1 kW
Total pressure	481 Pa	Motor - speed	1500/750 1/min
Impeller	Backward inclined	Motor - voltage	3*400 V
Fan type	T-HLZ 225	Motor-current*	1,8/0,7 A
Discharge position	C	Motor size	80
Fan - capacity	0,30 kW	Total sound power	82,9 dB

***max. nom. current:motors used are slightly different.Choose range of overload relay so that stated nom. current is within the upper third.**

Access door	Isolator mounted and wired,AR 6/5,5
Motor protection,Without motor protection	Fan pulley,Text-Nummer nicht gefunden: 353522
Motor pulley,not adjustable, acc. to technical department	Lamp 24 Volt (dry room),Mounted and wired

(3) Empty section 710

(4) Attenuator type 3

Selection resistance				Insertion attenuation			
63 Hz	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz
7 dBA	14 dBA	24 dBA	25 dBA	26 dBA	20 dBA	14 dBA	13 dBA

Flexible connection Q

General accessory:

1 Pcs. Diff.pressure manometer,Dwyer - Minihelic mounted , Filter
 2 Pcs. Cable inlet,Without traction relief , 1x vor Venti, 1x nach Venti
~~4 Pcs. Linkage external,Linkage 1(lever)~~

Unit dimensions

Length	1790 mm	Breadth	710 mm
Height	2130 mm	Weight	258 kg

Änderungslegende:

Underlined values were changed

~~Crossed out values were blanked~~