

## Air handling units

Order No.: 00622044/09(modification no.1 from 31.01.00)

<b>Customer</b>	<b>Elco Wolf NL</b>	Responsible in yr.	Dhr. R. Teijgeler
Project / commission	Stadsgevangenis Koddeweg te Hoogvliet	com	
Responsible in our com	Monika Ziegler	Pos	AVE 224.01
Your job number	891804/26	Order volume	1
Unit typee	Exhaust air Horizontal		
<b>Unit size exhaust air</b>	<b>KG 40 Gigant</b>	Air volume exhaust air	2175 m <sup>3</sup> /h

Casing design Gigant-casing

### Exhaust air:

#### (1) Exhaust air section/empty section

Damper S internal Flexible connection S

#### (2) Bag filter section

Initial resistance	65 Pa	Selection resistance	115 Pa
Access door bag filter section		Filter bag F5	
Lamp 24 Volt (dry room), Mounted and wired			

#### (3) Attenuator type 3

Selection resistance 9 Pa 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

#### (4) Fan, Standard design

Air volume	2175 m <sup>3</sup> /h	Fan - speed	2804 1/min
External pressure	200 Pa	Peripheral velocity	33,0 m/s
Internal pressure	148 Pa	Efficiency	73,9 %
Dynamic pressure	34 Pa	<b>Motor - capacity</b>	<b>0,5/0,1 kW</b>
Total pressure	382 Pa	<b>Motor - speed</b>	<b>1500/750 1/min</b>
Impeller	Backward inclined	<b>Motor - voltage</b>	<b>3*400 V</b>
Fan type	T-HLZ 225	<b>Motor-current*</b>	<b>1,8/0,7 A</b>
Discharge position	A	Motor size	80
Fan - capacity	0,31 kW	Total sound power	81,9 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	Lamp 24 Volt (dry room), Mounted and wired
Flexible connection D	Isolator mounted and wired, AR 6/5,5
<b>Motor protection, Without motor protection</b>	Fan pulley, Text-Nummer nicht gefunden: 353522
Motor pulley, not adjustable, acc. to technical department	

#### General accessory:

1 Pcs. Linkage external, Linkage 1 (lever)	1 Pcs. Diff. pressure manometer, Dwyer - Minihelic mounted, Filter
1 Pcs. Indicator thermometer, Mounted, Teil 1	1 Pcs. Indicator thermometer, Mounted, Teil 4
3 Pcs. Cable inlet, Without traction relief, Druck	

#### Unit dimensions

Length	3040 mm	Breadth	710 mm
Height	710 mm	Weight	257 kg

Änderungslegende:

Underlined values were changed

Crossed-out values were blanked