

B e n t a x

1210 Wien

## TRANSLATION

Ihre Zeichen und Ihre Nachricht vom

Unsere Zeichen  
BA H/S/Ng

1211 Wien, Siemensstraße 48-50  
1980 03 24

### Operation of the BENTAX airionization installation

In our climatized office building - building 32 - we have since autumn of 1978 an airionization installation in operation. Until then we had to keep the climatization system also outside workinghouse. because the staff answered a turning off during the night with severe complaints about lack of fresh air etc.

Since the ionization equipment had been installed an imporvement in the air-quality was confirmed and we are able now to switch of the climatization at night and during free periods, which brings a saving in energy.

The building 31 with an equal climatization system and workingconditions was operated until 1980 without BENTAX airionization. An account of the improved and more economical operation in building 32 it was decided to have a similar installation built in in building 31, which is now taking place.

We can for that reason check the savings effect on the electricity meter objectively and independent from weather and other influences.

without ionization

with ionization

1978	Building 31		Building 32	
	KWh	%	KWh	%
I				
II				
III				
IV	60.810	58,29	43.517	41.71
V	63.514	56,58	48.751	43,42
VI	69.699	64,96	37.590	35,04
VII	62.793	63,94	35.408	36,06
VIII	80.423	61,48	50.396	38,52
IX	66.175	61,07	42.190	38,93
X	61.482	58,70	43.266	41,30
XI	59.885	66,76	29.811	33,24
XII	57.347	65,13	30.697	34,87

Postanschrift: Siemens AG Österreich

Baubteilung

Postfach 83 A-1211 Wien

Bearbeiter

Ing. Schaufler

Telex 07 6391

☉ (0222)

39 01- 2614

Vermittlung

39 01-0

Fernkopierer

FAX 39 01-

Poststelle

FAX 35 01-2800



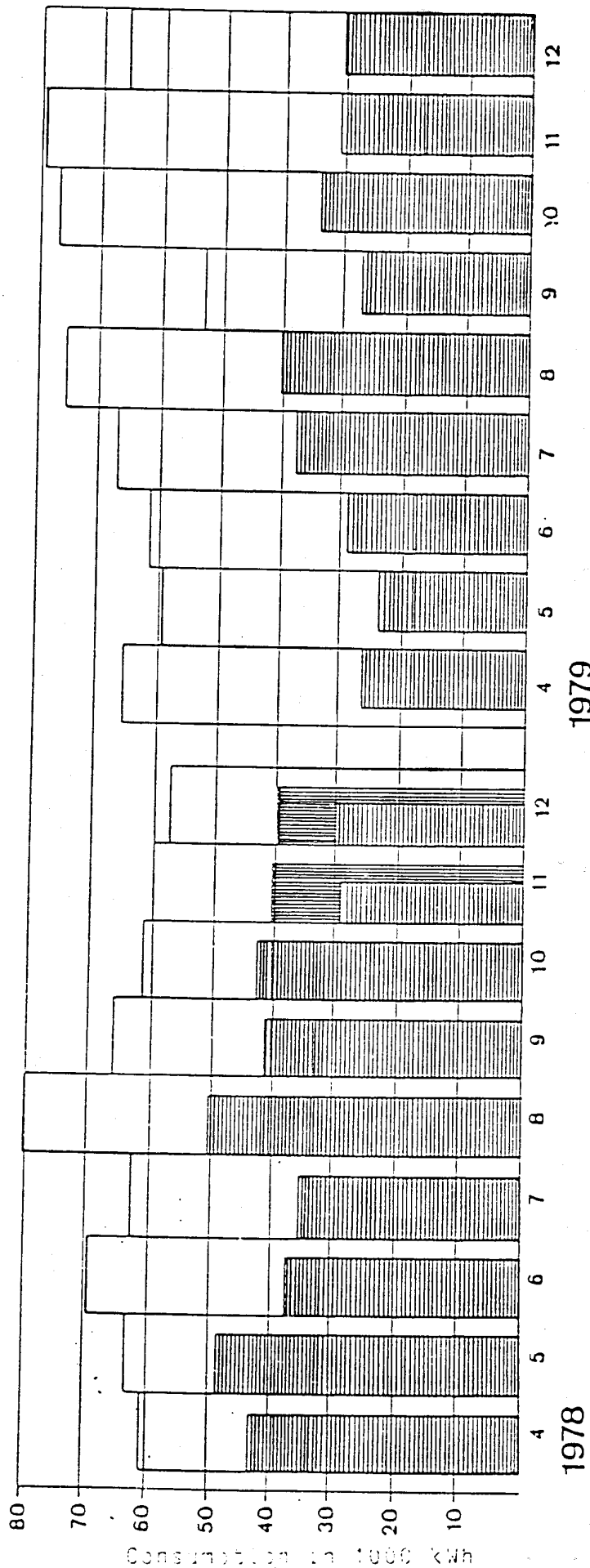
# CONSUMPTION OF ELECTRICAL ENERGY

for climatization systems in building 31 and building 32 of SIEMENS LTD. AUSTRIA, Vienna-Floridsdorf

□ Building 31, without BENTAX airionization system

▨ Building 32, since 10/78 without BENTAX airionization system

▩ Building 32, statistical projection of consumption without BENTAX for the months 11+12/78



without BENTAX

with BENTAX

1979	Building 31		Building 32	
	KWh	%	KWh	%
I	80.285	70,07	34.290	29,93
II	65.932	75,30	21.631	24,70
III	62.098	76,21	19.384	23,79
IV	65.434	71,67	25.855	28,33
V	59.529	71,18	24.098	28,82
VI	61.321	67,78	29.154	32,22
VII	66.873	63,59	38.294	36,41
VIII	75.457	64,91	40.784	35,09
IX	53.087	65,96	27.394	34,04
X	77.108	68,97	34.686	31,03
XI	79.669	71,92	31.107	28,08
XII	65.892	68,26	30.637	31,74

As you can see our statement shows that the whole total of the common consumption of current (building 31 + building 32) of buildings 32 went down from 38,6 % to 30,3 %.

This is a yearly current saving of approx. 130.000 KWh for building 32.

Hochachtungsvoll  
SIEMENS AKTIENGESELLSCHAFT ÖSTERREICH  
Bauteilung

Kroker

Schaufler