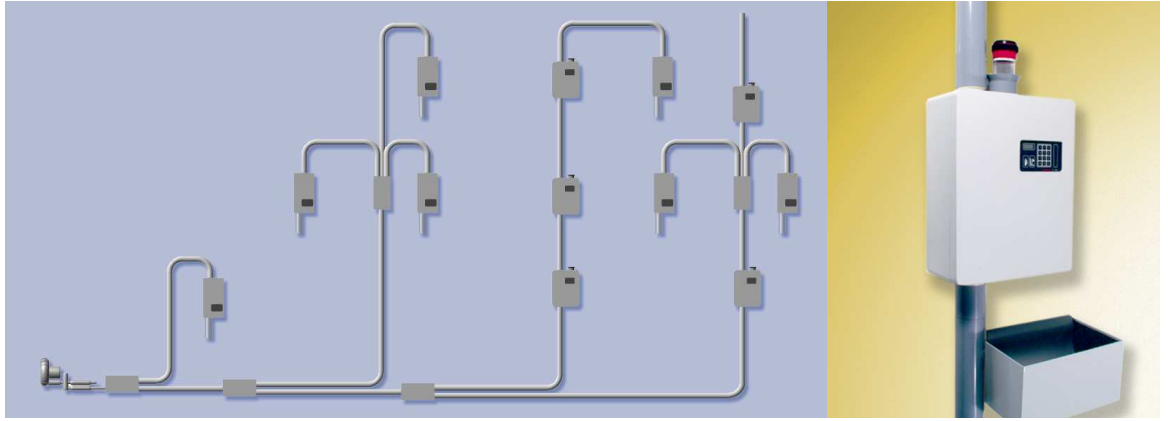# Systemdescription AC 1000

Max. number of stations:

99 stations with 990 destinations

Max. number of zones:

1

Arrival signals per station:

5 / 10

Diverters:

2-way, 3-way

Mode of operation:

Fully-automatic single zone system - reversing operation

Stations	OD 63	ND 75	OD 90	ND 100	OD 110	ND 124	OD 160	OD 200
Premium-station			√	√	√			
COM-station	√	√	√	√	√			
EWS-station	√	√	√	√	√	√	√	√
DS-station *	√	√	√	√	√	√	√	√
Desk-station		√	√		√		√	√
Desk-station horiz.		√	√	√	√	√	√	√
UT-station *				√	√		√	√
OE-station *	√	√	√	√	√	√	√	√

Systemdescription AC 1000

Stations	OD 63	ND 75	OD 90	ND 100	OD 110	ND 124	OD 160	OD 200
Multi-load-station					√		√	
ECO-station			√	√	√	√		
HR-station *					√		√	√
KSA-station *							√	√

* no carrier storage possible

In this system, independent to the stage of operation, at any station a carrier can be stored. Insert into the station, a carrier will be always transported the direct way to its destination. After one sending process has been finished, the next carrier can start. All station- and diverter types can be mixed up in one system

**Operating panel
AC 1000**

**3-way diverter
AC 1000**

Microprocessor controls for the fully automatic monitoring and co-ordination of all functions.
Including Aerocom – software package. The system can only be extended into a single zone system.
Following the different features and functions are listed:

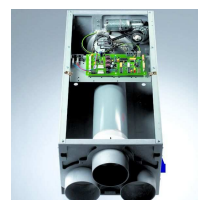| Features: |
|---|
| Fully-automatic, variable, microprocessor controlled system type. |
| The central control unit can be easily built-in into any desired station. The operation of the central control unit is done by the keyboard of the station |
| All stations can communicate with one another. |
| System layout as desired, branching by two- and three-way-diverters |
| Choice of various types of stations |
| Pneumatically deceleration of arriving carriers, depending to the station type. |
| Maximum of 99 stations with 990 2- to 4-digit addresses. |
| Data protection is through code numbers and jumper. In addition, a key lock can be installed. |
| Interface: Serial current-loop and parallel Centronics-Interface, also RS-232 for terminal of host-computer. |
| The data-transfer follows by a serial RS-485 interface. |
| Operation and control of all parts in service mode. |
| In a service mode, all system devices can be exercised and analysed from the CCU. |
| Autostart will automatically complete any transaction in progress when power is lost. |
| Stations can be deactivated without system disruption . |
| System speed slow down can be automatic or momentarily programmed to any sending- and receiving address. |
| A transmission controller will automatically return the system to a state of readiness if a transmission is begun without a carrier being introduced into the system. |
| With the addition of a compatible printer the CCU will print out a log of all transmissions. Information includes, date, time, sending and receiving stations and the continuos sending number. Backdated the last 120 sending processes are recallable. If valuable goods are transported, in addition also the operated tube switches can be printed out. |
| Printer can be set to print out system troubles only. |
| System data, topography and actual data are stored, also in case of power failure |
| Dry contact for building services control centre |
| The absence mode diverts carriers to an alternate station. |
| Sending priorities/Receiving priorities can be designated to every station destination. |
| Real time clock |
| A program mode enabling the service technician to program topographical and system data. |
| Electronic overlap safeguard recognises a situation where two or more carriers are transmissioned at the same time, recognises the error and automatically return the carriers to their point of origin. |
| Sending control: If a sending activity is started without a carrier, the system turns back to standby after a short selftest. |
| Manual or automatic clearing of a blocked system |

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