

BARCOL-AIR REDLAW VAV EQUIPMENT

All Barcol-Air Redlaw VAV system components can be purchased new, existing equipment refurbished and/or converted from pneumatic to electric operation (all at our UK factory).

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WWW.BARCOL-AIR.CO.UK

PRINCIPLES OF OPERATION

OF THE

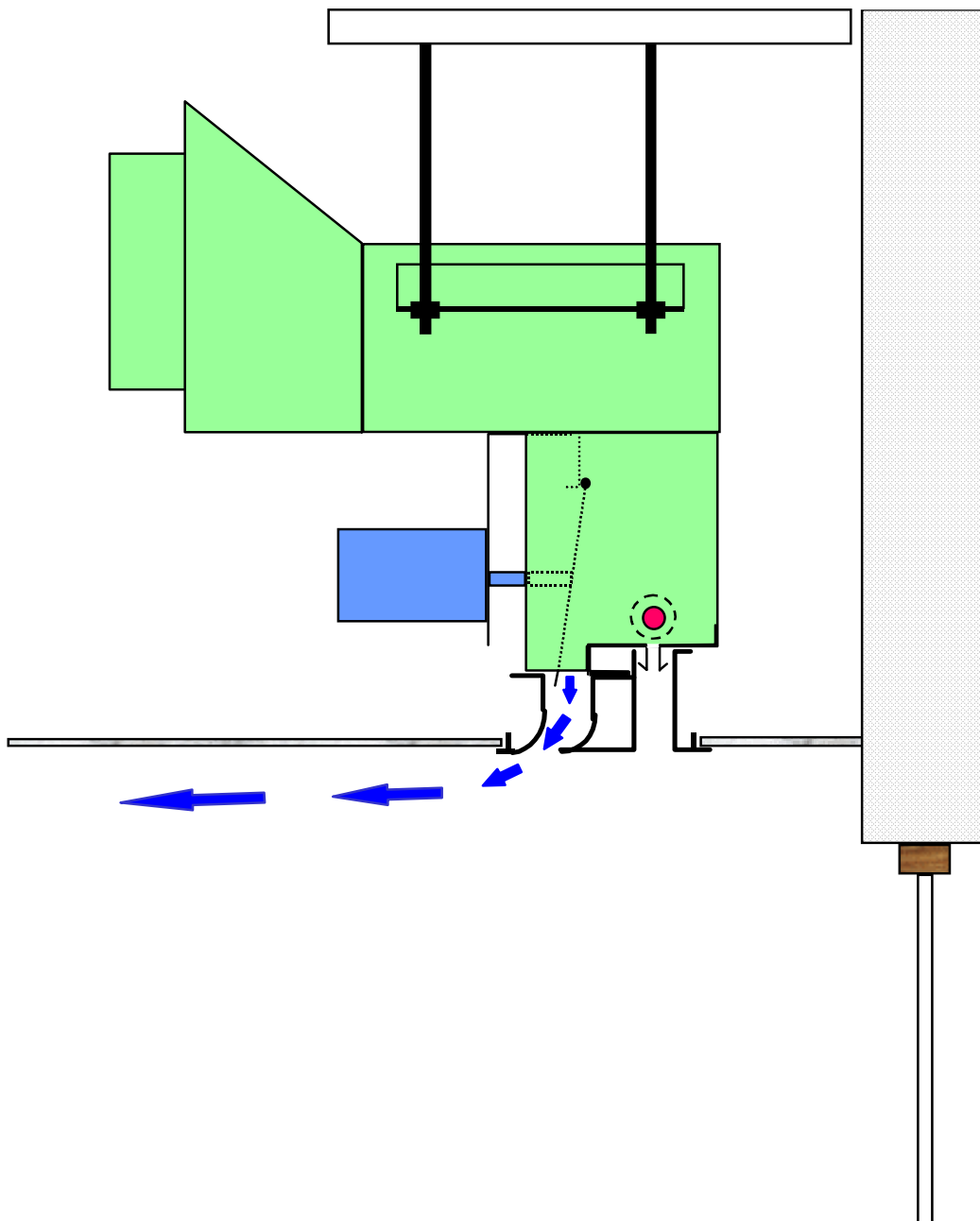
REDLAW

VAV SYSTEM

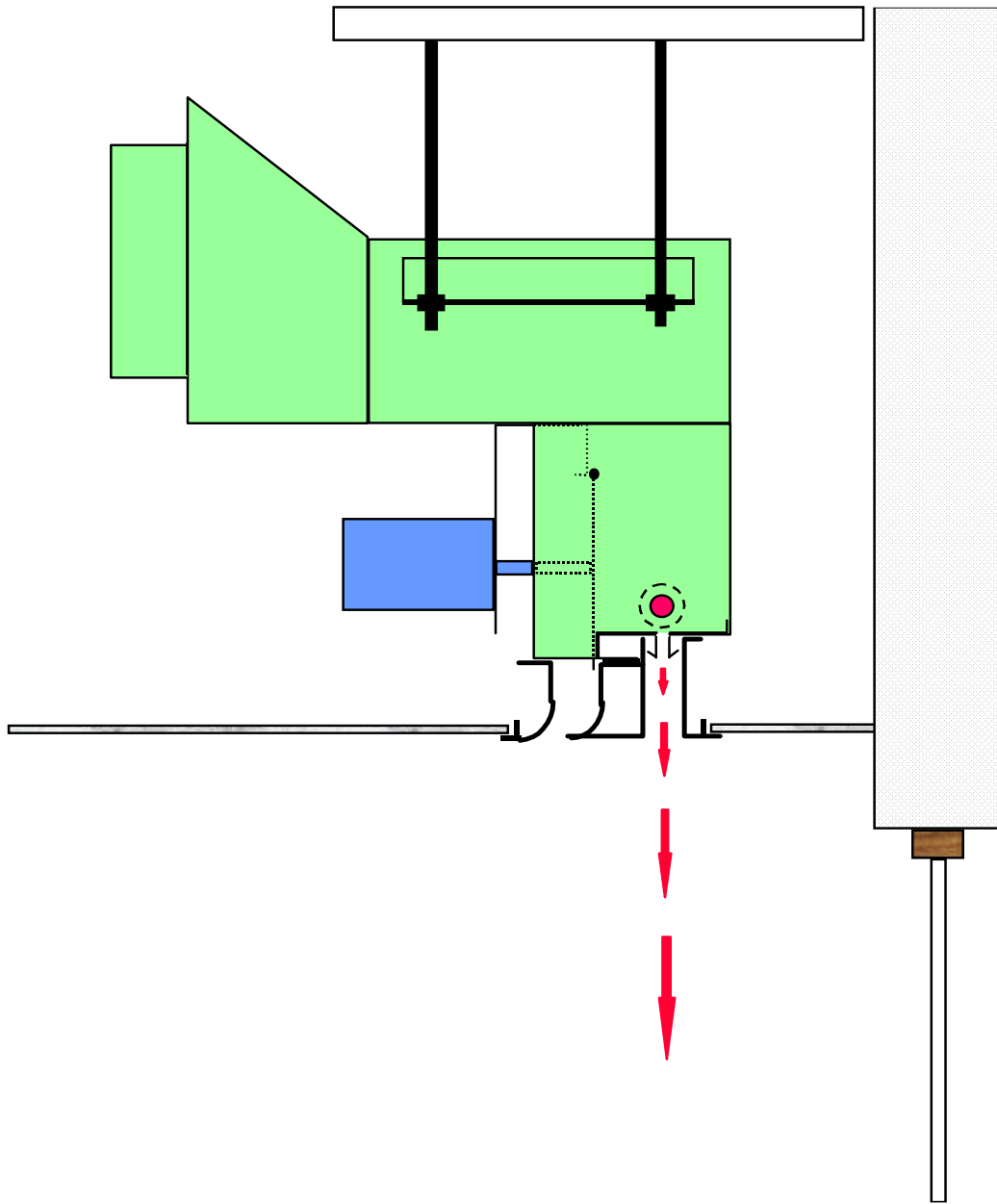
BARCOL-AIR REDLAW

51 NEWBRIDGE ROAD, BATH, BA1 3HF

Tel: 01225 310309, Fax: 01225 423422, Web: www.barcoll-air.co.uk.

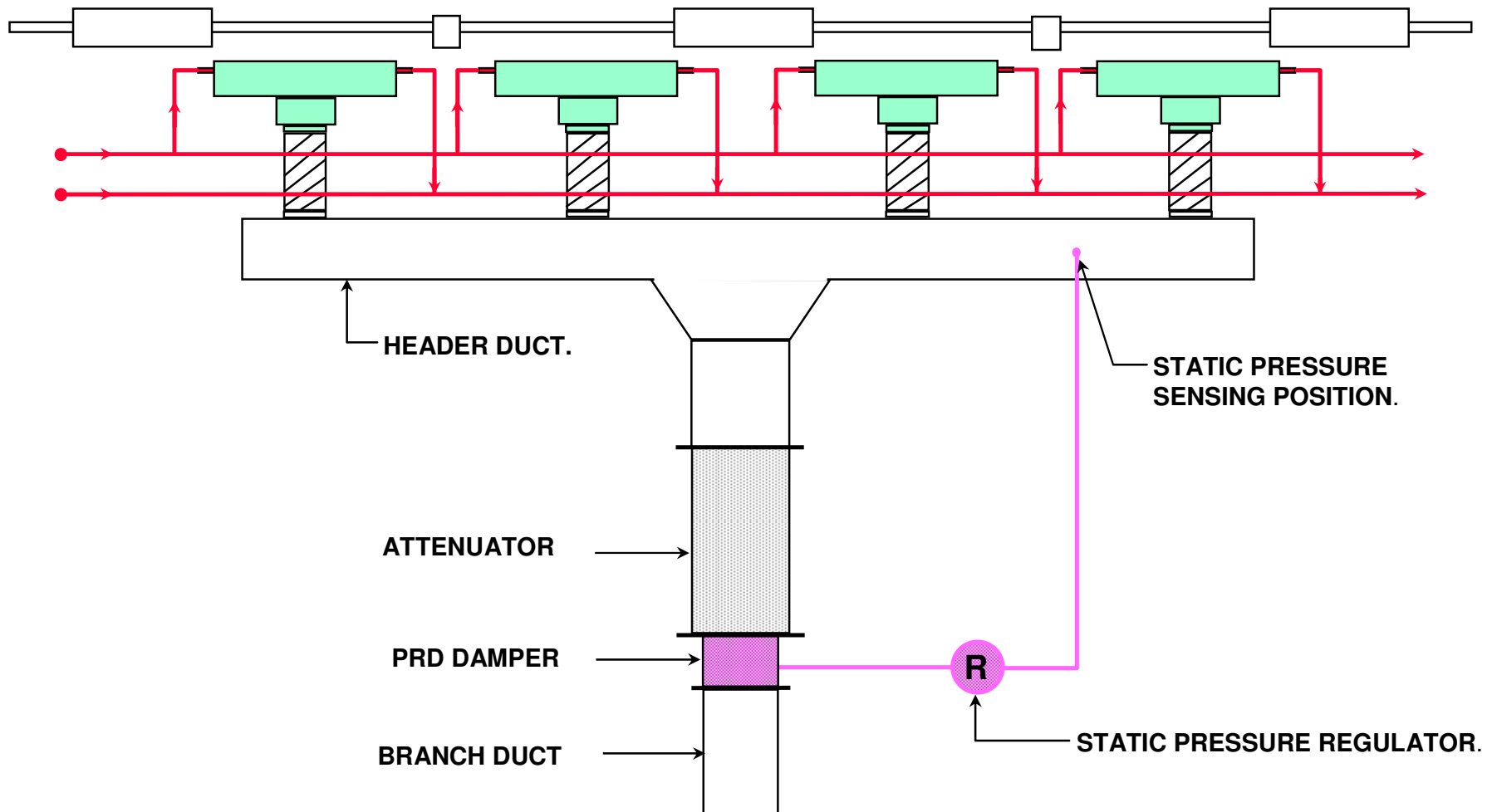


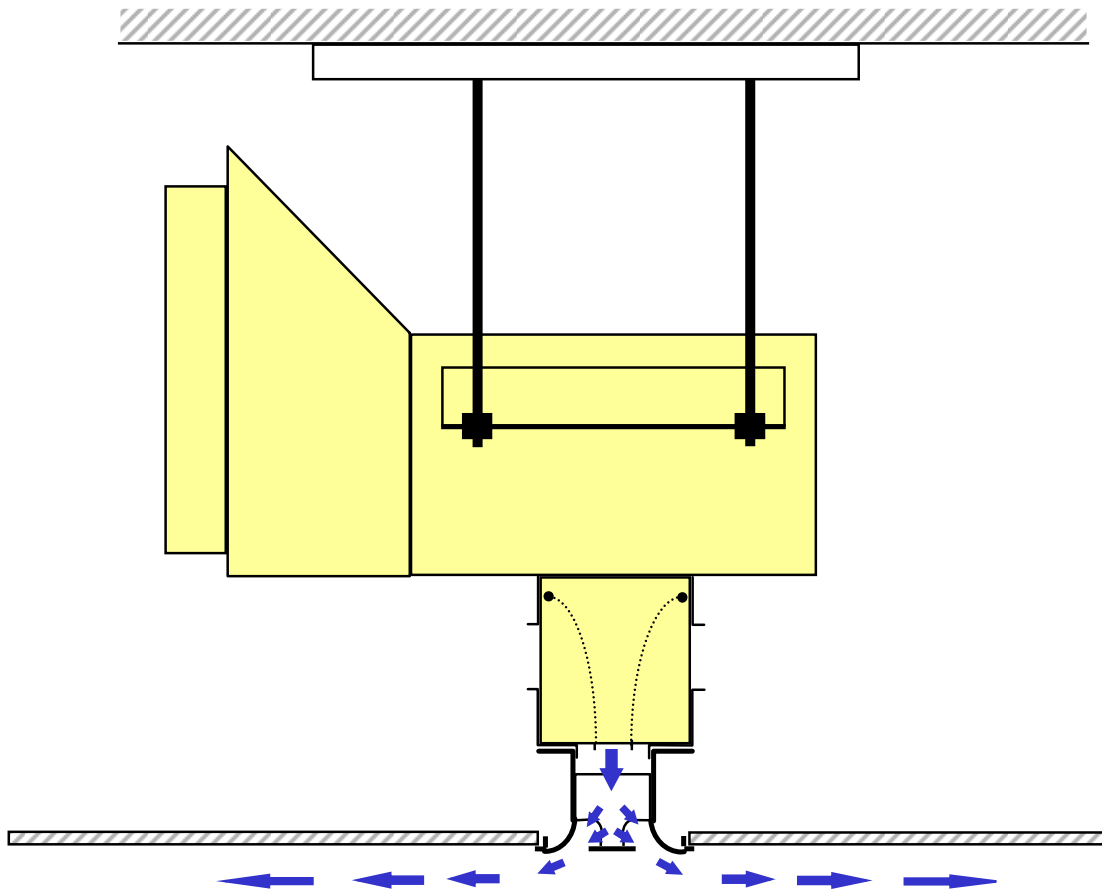
**CLM-W1 CONTROPLANE PERIMETER VAV
TERMINAL SHOWN IN THE COOLING MODE
SUPPLYING AIR HORIZONTALLY ACROSS THE
SPACE.**



**CLM-W1 CONTROPLANE PERIMETER VAV TERMINAL
SHOWN IN THE HEATING MODE SUPPLYING AIR
VERTICALLY DOWN THE BUILDING'S INTERIOR
FACADE.**

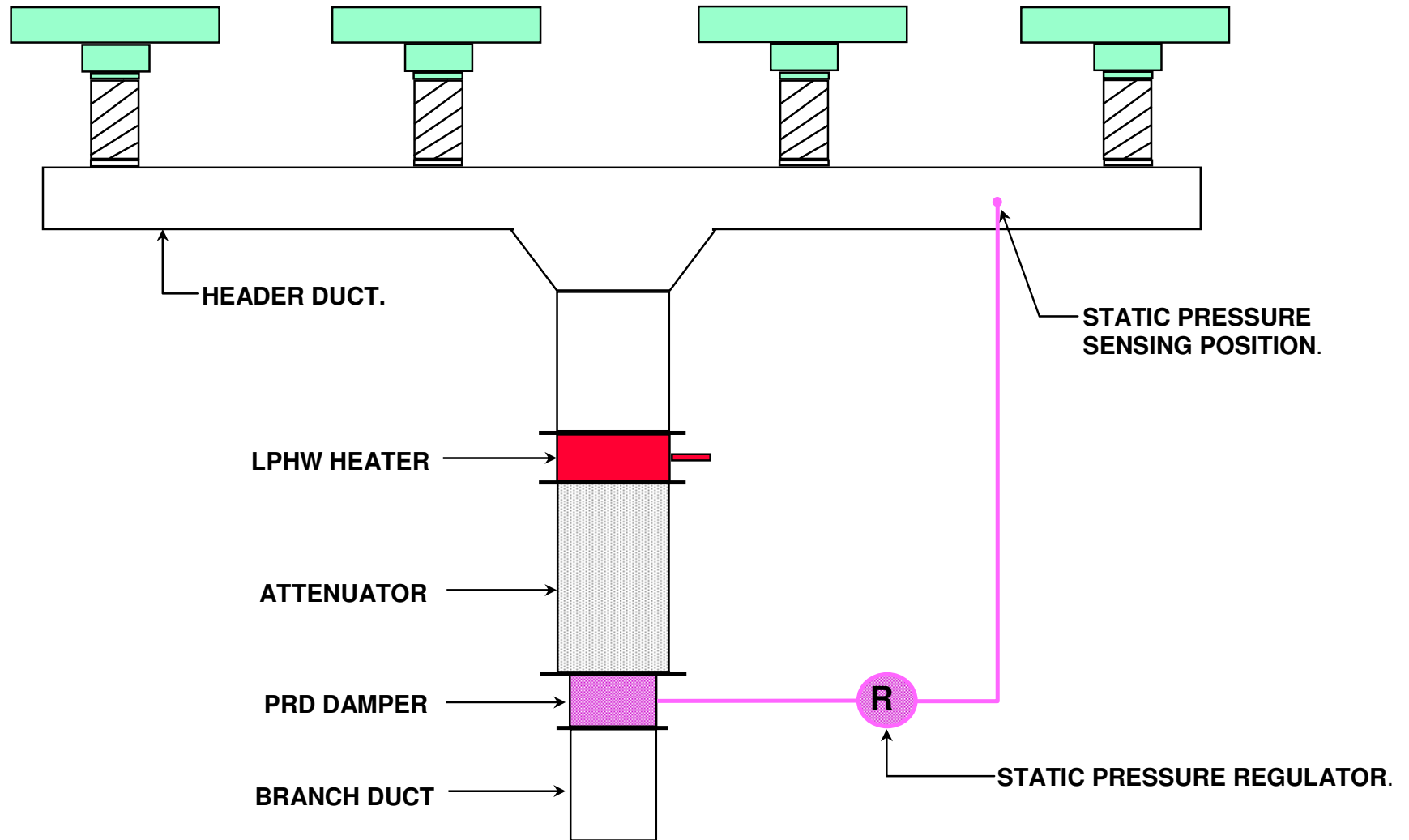
TYPICAL ARRANGEMENT OF BRANCH PERIMETER DUCTWORK SHOWING SPCS AND CONTROPLANE TERMINALS.

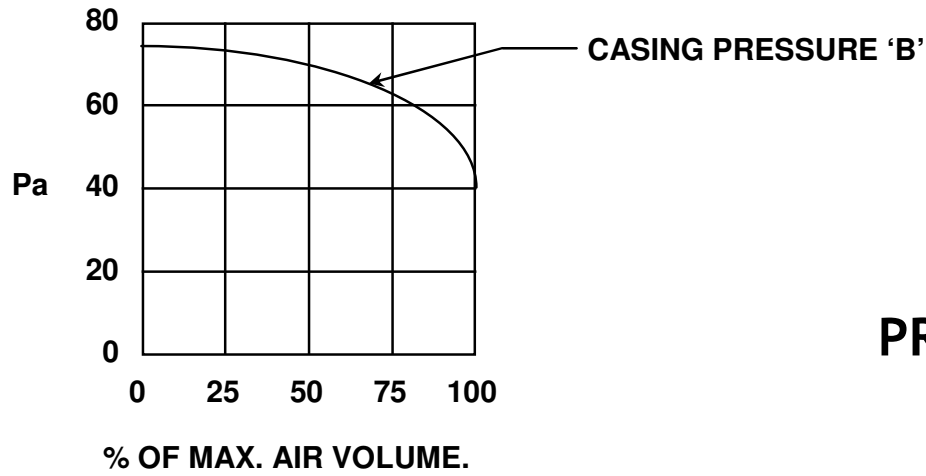
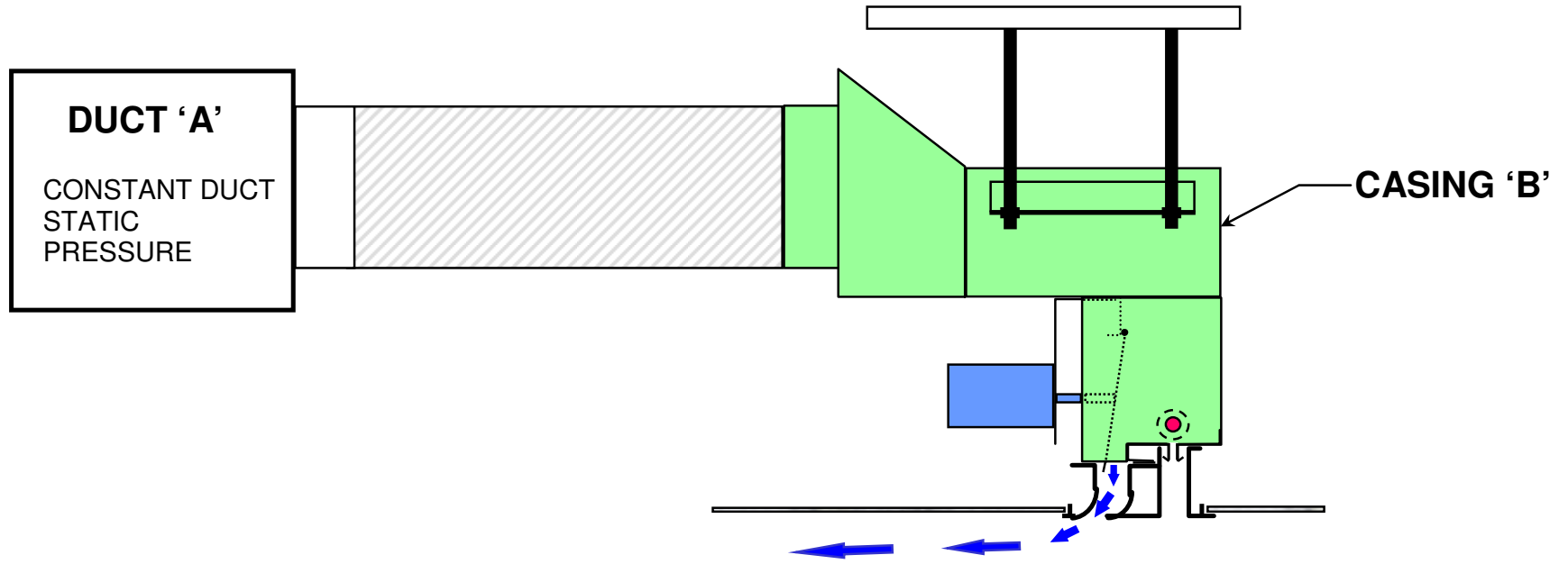




TYPE KLM COOLING VAV TERMINAL FOR INTERNAL AREAS SUPPLYING AIR HORIZONTALLY ACROSS THE SPACE.

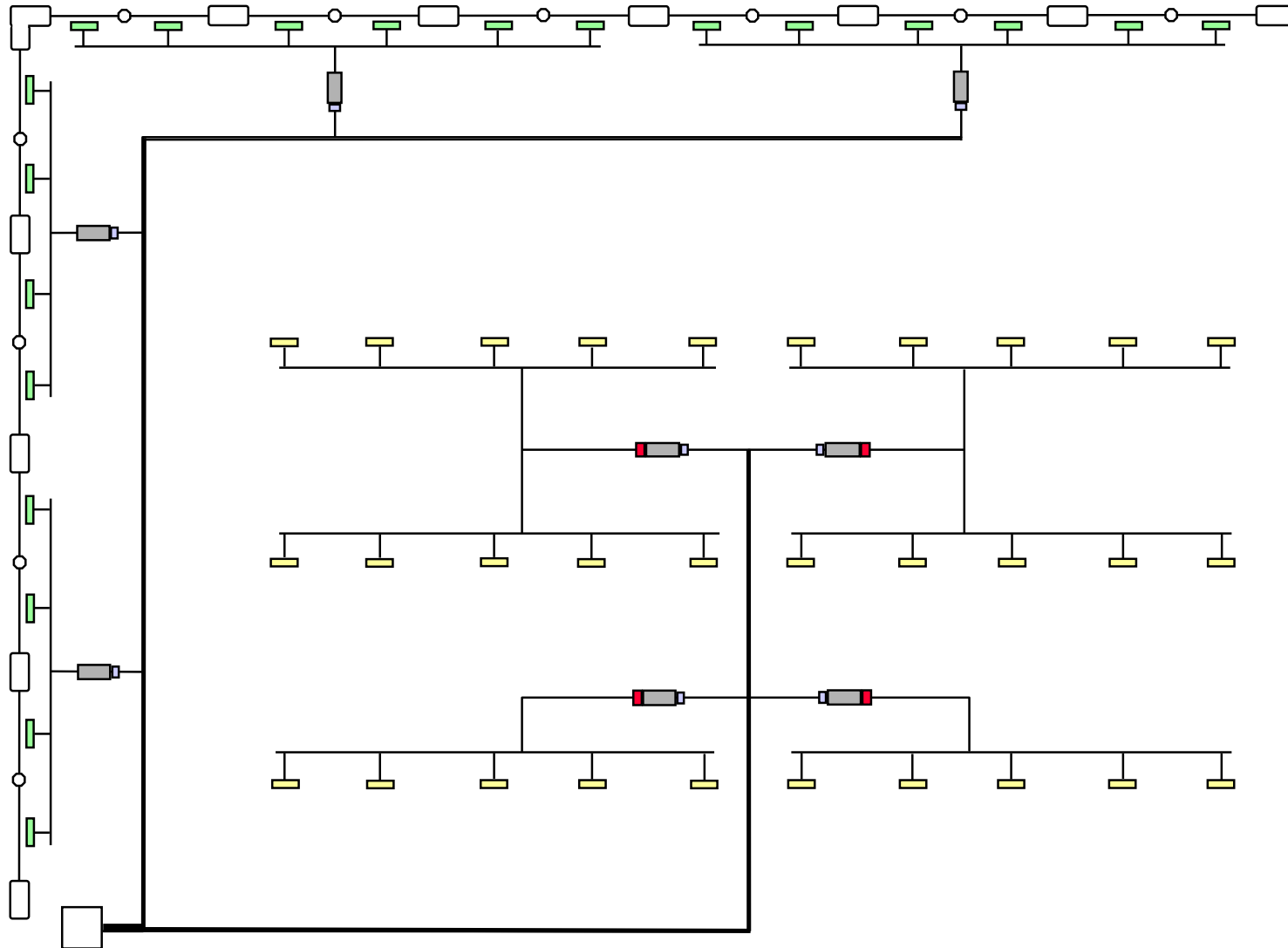
TYPICAL ARRANGEMENT OF BRANCH INTERNAL DUCTWORK SHOWING SPCS AND KLM TERMINALS.





PRINCIPLE OF AIRFLOW MODULATION WITH REDLAW TERMINALS.

TYPICAL TERMINAL LAYOUT SHOWING ARRANGEMENT OF PERIMETER (CLM) AND INTERNAL (KLM) DIFFUSERS AND ASSOCIATED DUCTWORK.



TYPICAL SUPPLY AIR HIGH/LOW PRESSURE DUCTWORK DISTRIBUTION ARRANGEMENT FOR THE REDLAW VAV SYSTEM.

