

STREET ADDRESS:
16 HARRIS DRIVE, OTTERY
CAPE TOWN
7808

POSTAL ADDRESS:
P O BOX 103
OTTERY
7808

PHONE: 27 (21) 704 1533
FAX: 27 (21) 704 1004
E-MAIL: Info@rickardair.com

CO. Reg No: 1979/005026/07 VAT Reg No: 4630102087

SUGGESTED SPECIFICATION FOR RICKARD THERMALLY POWERED VLN5 COOLING ONLY VARIABLE GEOMETRY VAV LINEAR DIFFUSERS:

Supply and install thermally powered model VLN5 Variable Geometry VAV linear diffusers as manufactured by Rickard Air Diffusion (Pty) Ltd. of Cape Town, Republic of South Africa.

Each diffuser shall be Thermally Powered to infinitely vary the supply of cold air into the space by means of regulating a variable aperture damper within the diffuser. Supply air from the variable geometry linear diffuser will be manually adjustable between horizontal and a vertical discharge pattern as required. The linear diffuser will maintain constant air movement in the space throughout the range of volume variation from 100% down to 30%. The Thermal room sensing element shall be located behind a cover panel located in the end of a slot. To ensure accurate sensing a forced induction system will be fitted. Each diffuser shall be individually adjustable to sense room temperature within the space between 19°C and 24°C to within 1°C of setpoint temperature. Setpoint should be accessible, visible and adjustable from the room with a screw driver.

Each diffuser shall be self-contained and require no external power source to maintain space temperature throughout the range of operation. The Rickard Thermal Linear is factory set to the full open position for volume flow measurement. To activate temperature control, a commissioning screw is to be removed. The diffusers shall carry the manufacturer's 10-year warranty.

DIRECTORS

CHAIRMAN B. Rickard	MANAGING C. Bosch	FINANCIAL G. Paris	REGIONAL SALES R. Smith	REGIONAL SALES T. Khambule	MARKETING M. Rickard	PRODUCTION N. Ebrahim
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