

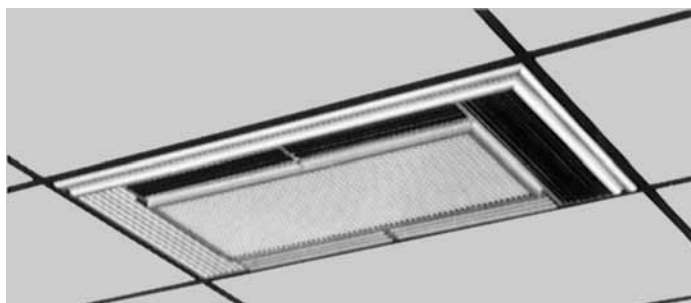
ACCESSORY EQUIPMENT

Accessory Description	Model Application	Accessory Model No.
Thermostats	RACA13/14/15	See Thermostat Specification Sheet (T11-001)
Roofcurbs	RACA13/14/15	RXSG-AAA08 (8" [203 mm] Height) RXSG-AAA14 (14" [356 mm] Height) RXSG-AAA24 (24" [610 mm] Height)
Supply & Return Diffusers	RACA13/14/15	RXRN-BD15
Economizers (Sideflow ONLY)	RACA13/14/15	AXRE-CCA30 (3 Position) AXRD-CCM10 (Fully Modulating)
Economizers (Downflow ONLY)	RACA13/14/15	AXRE-CAA30 (3 Position) AXRD-CAM10 (Fully Modulating)
Fresh Air Damper	RACA13/14/15	AXRF-FAB1 (Motorized-35%) AXRF-FAA1 (Fixed-35%)
Rectangular to Round Transition (Downflow)	RACA13/14/15	RXMC-CA02 (16" [406 mm] Ducts) RXMC-CA03 (18" [457 mm] Ducts)
Filter Kit	RACA13/14/15	RXRY-B01
Sideflow Rectangular to Round Transition	RACA13/14/15	AXMC-BA01
Low Ambient Control	RACA13/14/15	RXRZ-B01
High Pressure Control ①	RACA13/14/15	RXAB-E01
Low Pressure Control ②	RACA13/14/15	RXAC-C01

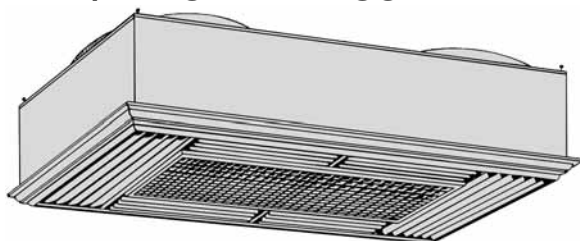
① High pressure switch standard on RACA (13/14/15) 060
② Low pressure switch standard on RACA 15 060.

[] Designates Metric Conversions

COMMON SUPPLY/RETURN CONCENTRIC AIR DIFFUSER



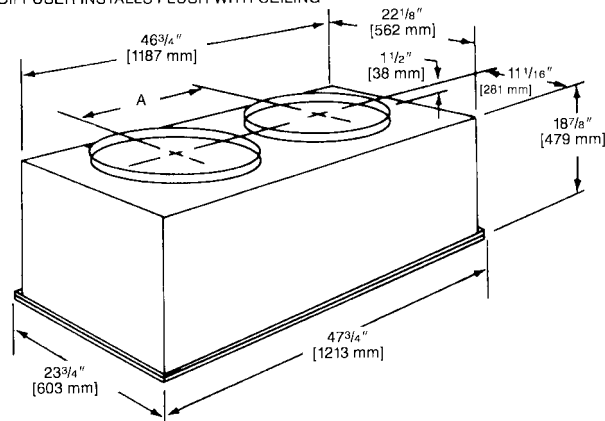
SUPPLY/RETURN DIFFUSER



Designed to convert a side by side or an over and under arrangement into a concentric distribution of air. The diffuser is flush mounted, completely insulated, assembled, and internally baffled to provide four way supply air distribution with a center return. To make the assembly complete and ready to fit into a 2' [0.61 m] x 4' [1.22 m] suspended ceiling grid, the diffuser includes adjustable supply louvers, hanging rings, anti-sweat gasket, and round flanges for use with flexible ducts.

Model No. RXRN-	Diameter Inches [mm]	Shipping Wt. Lbs. [kg]	Dimension A Inches [mm]
BD15	16 [406]	90 [40.82]	20 1/2 [521]

DIFFUSER INSTALLS FLUSH WITH CEILING



NOTE: The location of the combination supply and return diffuser should not exceed 10 feet [3.05 m] above the floor level for units @ 1000 CFM [472 L/s] or less and 12 [3.66 m] to 14 feet [4.27 m] above the floor level for units with CFM greater than 1000 [472 L/s]. If the diffuser is installed with a greater distance than recommended above, the supply air may become stratified above the required comfort area causing uncomfortable conditions.

AIRFLOW/PRESSURE DROP INFORMATION (INCHES W.C. [kPa])

Accessory	Approximate CFM [L/s]-Supply Air			
	1300 [614]	1575 [743]	1800 [850]	2200 [1038]
Plenum & Supply/Return Duct	.07 [.017]	.10 [.024]	.12 [.030]	.17 [.042]
Diffuser	.09 [.022]	.13 [.032]	.16 [.040]	.24 [.060]
Economizer	.06 [.015]	.09 [.022]	.11 [.027]	.17 [.042]

SUPPLY AIR/PERFORMANCE

Diffuser Airflow CFM [L/s]	Range of Throw Ft. [m]
800 [378]-1200 [566]	14 [4.27]-16 [4.88]
1600 [755]-2000 [944]	18 [5.49]-28 [8.53]