

Plenum Boxes - Evaporative

The Polyaire range of plenums are designed to represent the most efficient method of broad air flow distribution in a wide range of industrial and commercial applications.

For use with evaporative air conditioning systems the Polyaire plenums are easily installed on to a dropper section of corresponding dimension.

High grade engineering materials are vacume formed to produce a rigid form with an attractive textured finish ensuring long life and serviceability in a wide range of environments and installations.

Fitted with aluminium louvre blades which are fully adjustable permitting for air flow adjustment as required. Polyaire plenums can handle air flow capacity from 9.000m³/h to 18.000m³/h

PLENUM SHAPE

ACP 1



Square

ACP 2



Square

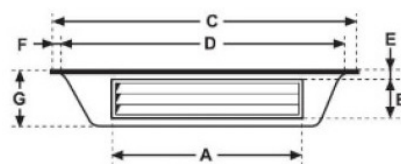
ACP 3



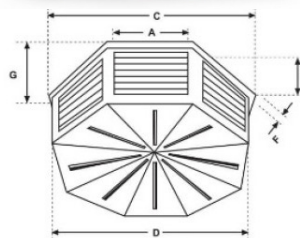
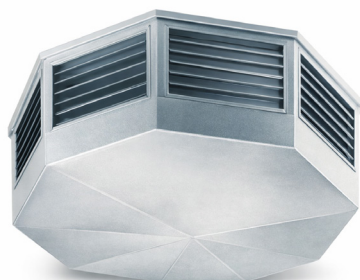
Octagonal

FEATURES

- One piece vacuumed formed
- Aluminium adjustable blades
- Light Weight
- Suitable for wet areas
- Excellent air distribution



Evaporative Supply Plenum - ACP2



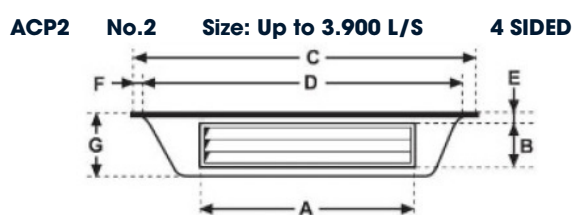
Evaporative Supply Plenum - ACP3

MODEL DIMENSIONS	ACP 2	ACP 3
A	560	350
B	270	240
C	890	1100
D	820	960
E	30	40
F	35	35
G	290	310

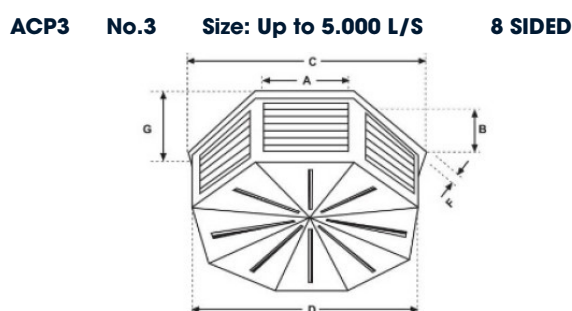
Evaporative Supply Plenum - Stock Sizes Available

ITEM #	SIZE mm	PART
242625	ACP2	Plenum
242626	ACP3	Plenum
242625A	ACP2	Plenum Plate
242626B	ACP3	Plenum Plate

ACP2 Plenum Performance - Free area 0.52 m ²			
VELOCITY m/s	VOLUME L/S	PRESSURE Pa	THROW
5	2600	35	5
6.5	3380	50	6



ACP3 Plenum Performance - Free area 0.66 m ²			
VELOCITY m/s	VOLUME L/S	PRESSURE Pa	THROW
5	3300	15	5
6.5	4290	25	6
7.5	4950	35	7



Please contact our Sales Office on for selection guidance on the above:

3-4 Torridge Close,
Telford Way Industrial Estate,
Kettering, Northants, NN16 8PY

P 01536 519 922

E sales@polyaire.co.uk