

Modules PP12/PP18 & CK12/CK24



PureAir offers two types of recyclable/disposable modules for use in industrial and commercial environments - PP12/PP18 and CK12/CK24. These factory-filled modules are engineered with notches that allow seamless installation in competitor units. Ideal for use in PureAir's Side Access Housing (SAH) units and in other air purification systems, the modules eliminate media bypass and minimize cleanup during changeouts, ensuring a fast and efficient process.

Module Standard Approximate Dimensions:

Model #	Height	Width	Depth	Media Volume	Media Bed Depth	Minimal Resistance
PP12	305mm (12 in)	610mm (24 in)	305mm (12 in)	0.28 m ³ (1 ft ³)	76.2mm (3 in)	325 Pa @ 1.27 m/s (1.3 iwg @ 250 ft/min)
PP18	152mm (6 in)	610mm (24 in)	457mm (18 in)	0.014 m ³ (0.5 ft ³)	25.4mm (1 in)	125 Pa @ 2.54 m/s (0.5 iwg @ 500 ft/min)
CK12	305mm (12 in)	610mm (24 in)	305mm (12 in)	0.014 m ³ (0.5 ft ³)	25.4mm (1 in)	150 PA @ 2.54 m/s (0.6 IWG @ 500 ft/min)
CK24	610mm (24 in)	305mm (12 in)	305mm (12 in)	0.014 m ³ (0.5 ft ³)	25.4 mm (1 in)	150 PA @ 2.54 m/s (0.6 IWG @ 500 ft/min)

Chart dimensions are nominal. See engineering drawings for exact dimensions.

Disposal Instructions

To recycle used modules, discard the spent media and take them to a local recycling facility. PureAir's media is generally suitable for disposal through standard municipal services; however, users should verify local guidelines.

PP12 Half Module



PP18 Half Module



PP12 Module Features

- Designed for Industrial applications
- 99% gas removal efficiency
- Constructed of 0.125" thick, high-impact polystyrene
- Designed for airflows up to 250 ft/min

CK12 Half Module

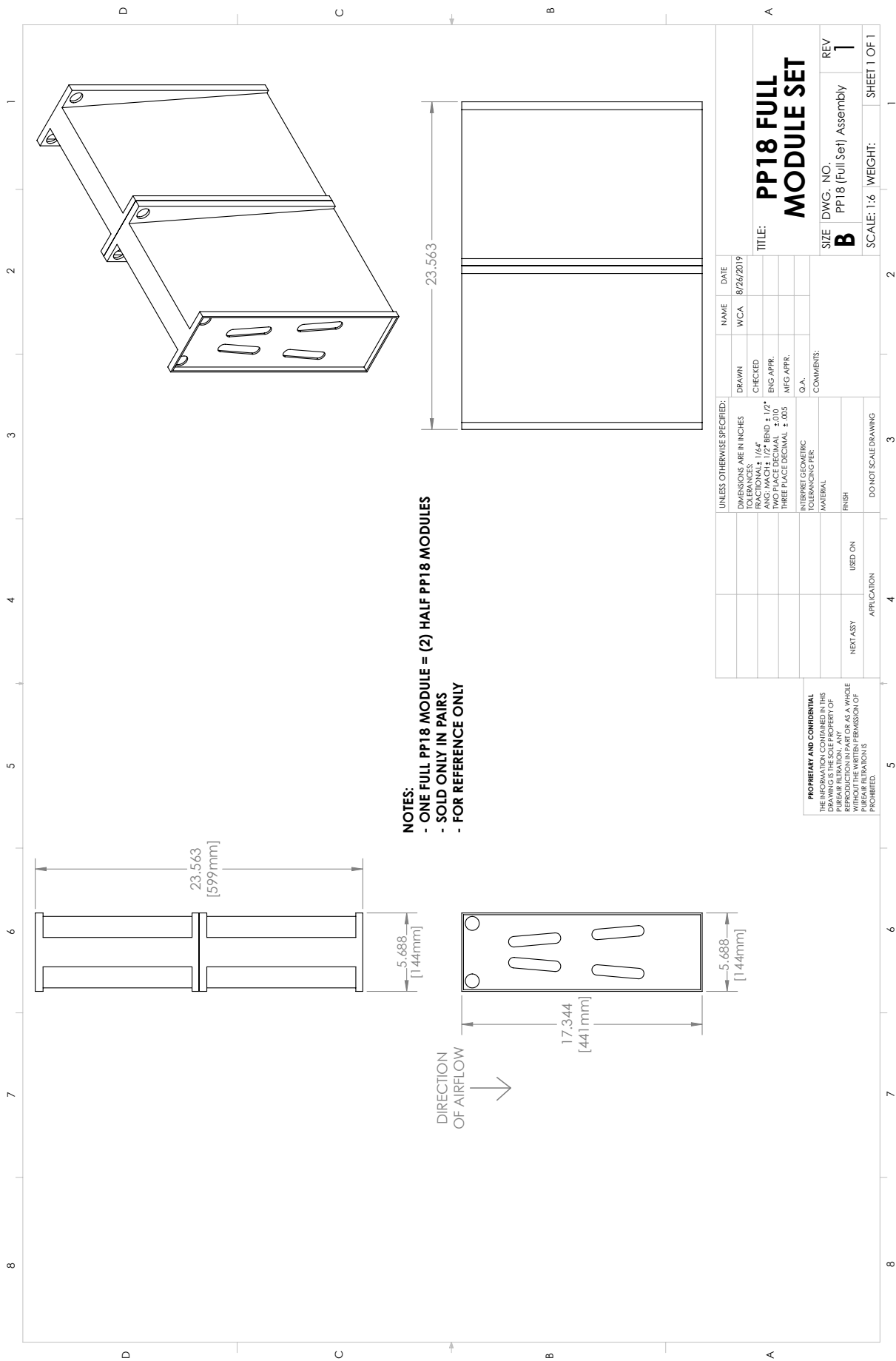


CK24 Full Module



PP18, CK12 and CK24 Module Features

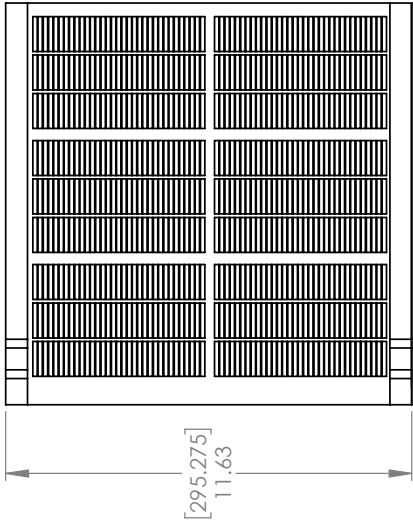
- Designed for Commercial applications
- CK12 is 2 halves combined; CK24 is 1 piece
- V-shaped airflow design optimizes removal efficiency in air handling units
- Model chosen depends on application and pressure drop
- Low pressure drop with minimal energy costs
- 1 inch header on CK Modules
- Constructed of 0.125" thick, high-impact polystyrene
- Designed for airflows up to 500 ft/min



UNLESS OTHERWISE SPECIFIED:				NAME	DATE
DIMENSIONS ARE IN INCHES				WCA	8/26/2019
TOLERANCES UNLESS OTHERWISE SPECIFIED:					
FRACTIONS: 1/8"					
ANG. MACH: 1/2" BEND ± 1/2°					
TWO PLACE DECIMAL ± 0.01					
THREE PLACE DECIMAL ± 0.005					
INTERPRET GEOMETRIC TOLERANCING PER:					
MATERIAL:					
FINISH:					
DO NOT SCALE DRAWING					
NEXT ASSY				USED ON	
APPLICATION					

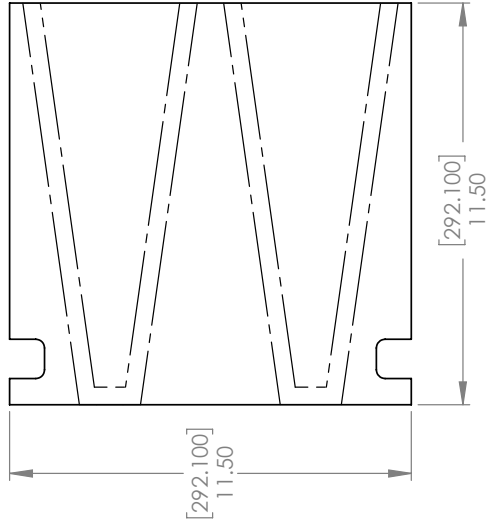
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TITLE: PP18 FULL MODULE SET	
SIZE B	DWG. NO. PP18 (FullSet) Assembly
REV 1	
SCALE: 1:6	WEIGHT: 1
SHEET 1 OF 1	



TOP VIEW

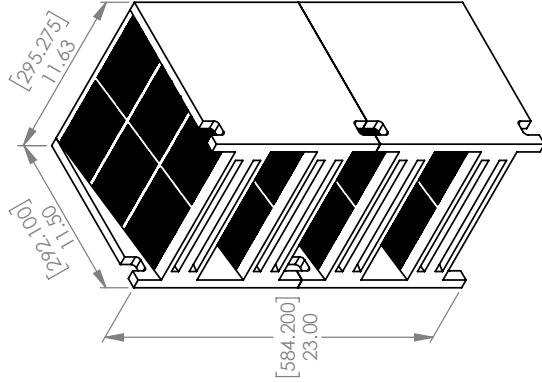
DIRECTION OF AIRFLOW →



FRONT VIEW

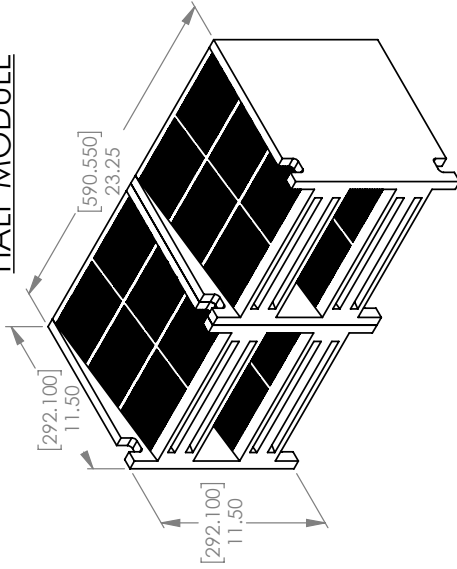
NOTES:

- CK12 COMES IN (2) HALVES
- CK24 COMES IN (1) PIECE
- PRESSURE DROP: 0.6" WC @ 500 FPM
- FOR REFERENCE ONLY



CK24 MODULE

HALF MODULE



CK12 MODULE



6050 Peachtree Parkway
Suite 240-187
Norcross, GA 30092
Phone: (678) 935-1431

DRAWN BY: CRH

CHECKED BY:

DATE: Monday, June 30, 2025

S.O. #:

PROJECT NAME:

COMPANY: PUREAIR FILTRATION

CLIENT:

DESCRIPTION:

MODULE, CK12/24

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DWG. NO:

CK12/24 DRAWING

REV:

DO NOT SCALE DRAWING

SHEET 1 OF 1