





New PM2.5 Pre-Filters for 4-Way Cassettes

TOSHIBA are pleased to confirm new PM2.5 filters for 4-Way Cassettes. There are two filter options available to provide customer choice: a before pre-filter; and an after pre-filter.

1. Line-up

Model Number	Description	Compatible Facia Model
TCB-PLEC1UPE-120	Before Pre-Filter	RBC-U32PGP-E
TCB-PLFC2UPE-80	After Pre-Filter	RBC-U31PGP(W)-E

2. General Information

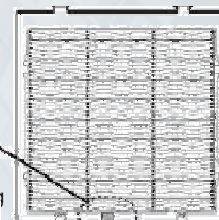
MODEL	TCB-PLEC1UPE-120	TCB-PLFC2UPE-80
Appearance and installation image	 <p>PM2.5 Filter without PP net</p>	 <p>PM2.5 Filter with PP net</p>
Air volume flow rate*	Drop 10%	Drop 15%
Replacement	Change filter	Change filter and reuse strap
Lifetime**	2-3 months	3-4 months
Number of pre-filters for 1 year	6 filters/year	4 filters/year
LEAD Type	<p>1 Set of PM2.5 Filter contains:</p> <ul style="list-style-type: none"> - Individual Filter in plastic bag x 6 - Installation Manual x 1 - Replacement Index x 1  <p>TCB-PLFC1U PE-120</p>	<p>1 Set of PM2.5 Filter contains:</p> <ul style="list-style-type: none"> - Individual Filter in plastic bag x 4 - Installation Manual x 1 - Replacement Index x 1 - Strap x 2  <p>TCB-PLFC2U PE-80</p>

* Air volume will vary depending on capacity of indoor unit, setting mode and operating temperature.

** Lifetime depends on Air Quality in each area. Recommend to change PM2.5 Pre-Filter when air flow, cooling or heating capacity is not enough or filter colour reach replacement index colour



Replacement index sticker to be placed on pane for easy checking



3. Specifications

Reference filter specification from supplier based on JIS B9908 Standard (EFR15 is PM2.5 filter material)

Item	Air speed	Air volume 4-Way Cassette	Pressure drop	Particle reduction efficiency*		
				0.3-0.5µm	0.5-1.0µm	1.0-2.5µm
EFR15	100 cm/sec	900 m ³ /h	14 Pa	19.5%	41.9%	49.8%
	200 cm/sec	1800 m ³ /h	36 Pa	16.9%	39.1%	51.8%

* PM 2.5 is defined as Particulate Matter with a particle size of 2.5µm or less. This efficiency represents a ratio at which a particle can be collected by passing through the filter once. With continuous use it is possible to realise a higher particle collection ratio than what is specified above.

4. Production

TCB-PLC1UPE-120 Before Pre-Filter April 2021, TCTC.

TCB-PLFC2UPE-80 After Pre-Filter May 2021, TCTC.

Subject to standard shipping lead times.

For further information please contact our customer support team on **0870 843 0333**, your local representative, your supplier of **TOSHIBA** products or email any enquiries to: - general.enquiries@toshiba-ac.com

