

This is series fan terminal unit with 5 different sizes.

KEY FEATURES

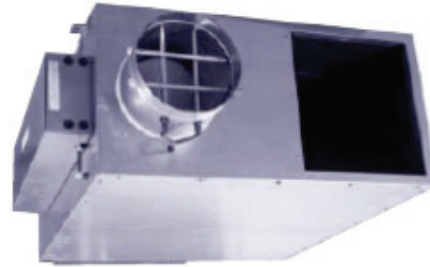
- Pressure independent control
- Plastic components are fire retardant to UL 94.
- Comes with damper tip seal.
- With semi rigid and fire retardant fibre glass insulation.
- Fibre glass insulation is covered with a protective lining to prevent fibre erosion. This was successfully tested against fibre erosion for up to 30 m/s.
- Fitted with multi-point sensor grid for better air flow measurement accuracy.

Terminal units that are supplied with actuators and controllers will be fully factory calibrated and tested for air flow accuracy within a tolerance of $\pm 3\%$.

Constant air flow at the fan discharge outlet.

- As optional extras, the unit can be supplied with;
 - a. Disposable filter panel at air induction port.
 - b. Electric air heater(s).

Type 'TFP' Series Fan Terminal Unit.



Air Flow Range for 'TFP' Series Fan Terminal Units

TFP Unit Size	Secondary & Primary Air flow	Air Flow Rate (l/s)		
		Fan Speed		
		Low	Med	High
2	Sec. Flow Vmin	150	200	250
	Sec. Flow Vmax	230	310	400
2-05	Pri. Flow Vmin - Vmax	15 - 170		
2-06	Pri. Flow Vmin - Vmax	25 - 240		
2-08	Pri. Flow Vmin - Vmax	40 - 400		
4	Sec. Flow Vmin	300	400	500
	Sec. Flow Vmax	480	650	700
4-08	Pri. Flow Vmin - Vmax	40 - 435		
4-10	Pri. Flow Vmin - Vmax	60 - 690		
4-12	Pri. Flow Vmin - Vmax	90 - 1000		
5	Sec. Flow Vmin	450	550	650
	Sec. Flow Vmax	680	850	1050
5-10	Pri. Flow Vmin - Vmax	60 - 690		
5-12	Pri. Flow Vmin - Vmax	90 - 1000		
5-14	Pri. Flow Vmin - Vmax	130 - 1375		
6	Sec. Flow Vmin	600	800	1000
	Sec. Flow Vmax	920	1280	1400
6-12	Pri. Flow Vmin - Vmax	90 - 1000		
6-14	Pri. Flow Vmin - Vmax	130 - 1375		
6-16	Pri. Flow Vmin - Vmax	170 - 1800		
7	Sec. Flow Vmin	900	1100	1300
	Sec. Flow Vmax	1300	1750	2100
7-12	Pri. Flow Vmin - Vmax	90 - 1000		
7-14	Pri. Flow Vmin - Vmax	130 - 1375		
7-16	Pri. Flow Vmin - Vmax	170 - 1800		

Estimated NC Level within the Occupied Space

TFP Unit Size	Sec. Air Flow, Vmax (l/s)	External Static Pressure at 100 Pa at Vmax					
		Discharge Noise			Radiated Noise		
		Inlet static pressure (Pa)					
		100	200	500	100	200	500
2-05	200	< 15	< 15	< 15	< 15	< 15	< 15
2-06	400	18	19	19	24	25	26
2-08	400	19	19	20	22	22	24
4-08	500	< 15	< 15	< 15	17	17	19
4-10	650	< 15	15	16	20	21	23
4-12	650	15	16	18	21	23	25
5-10	750	21	21	22	26	27	29
5-12	1050	25	25	26	30	32	33
5-14	1000	28	28	29	33	34	36
6-12	1000	< 15	< 15	16	24	25	28
6-14	1300	16	17	19	27	28	32
6-16	1300	16	16	19	26	27	31
7-12	1300	19	21	22	30	31	33
7-14	1700	24	25	27	35	37	39
7-16	2000	26	27	29	39	39	41

Order Code

TFP - E - C / 2 - 10 / BC0 / 400-300-105

Product Type: TFP

Reheat: E (Electric reheat coil), H (Hot water reheat coil)

Filter: C (Throwaway or nor entry)

Size	Spigot
2	05 06 08
4	08 10 12
5	10 12 14
6	12 14 16
7	12 14 16

Controller: BC0

400-300-105: Minimum primary air volume l/s, Maximum primary air volume l/s, Fan volume l/s

Note: For further details, please refer to TROX KLIMA Asia Pacific catalogue Ref. 5/2.2/M/--.