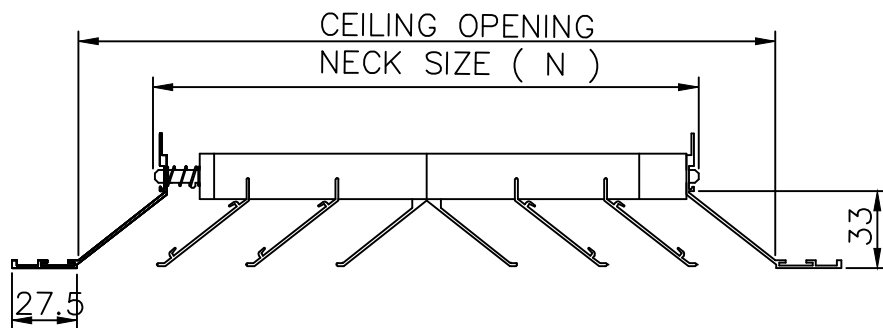


1. NECK SIZE = OVERALL SIZE - 120mm.
2. CEILING OPENING = OVERALL SIZE - 48mm.



SECTION

JANFORD 晉福風咀有限公司 JANFORD AIR FLOW CO. LTD.					
ALUMINIUM 4-WAY CEILING DIFFUSER					
MODEL	ADF-4	PROJECT			
SCALE	NIL	DRAWN BY	CHEONG	DATE	18/11/2016

**SERIES ADF-4
SUPPLY AIR PERFORMANCE DATA**

List Size mm	175 x 175	325 x 325	375 x 375	475 x 475
$A_k M^2$	A_k 0.014	A_k 0.045	A_k 0.063	A_k 0.074
24 L/s V_k (m/s) NC	P_T 1Pa (T) 0.6-1.8 1.75 <15			
47 L/s V_k (m/s) NC	P_T 5Pa (T) 1.2-2.7 3.43 <15			
71 L/s V_k (m/s) NC	P_T 11Pa (T) 1.8-3.7 5.01 <15			
94 L/s V_k (m/s) NC		P_T 2Pa (T) 0.3-0.9 2.13 <18		
118 L/s V_k (m/s) NC		P_T 3Pa (T) 0.6-1.8 2.62 <18		
142 L/s V_k (m/s) NC		P_T 4Pa (T) 0.9-2.4 3.13 <18	P_T 2Pa (T) 2.26 <17	
189 L/s V_k (m/s) NC		P_T 7Pa (T) 1.2-3 4.04 <18	P_T 4Pa (T) 0.6-3 3.02 <17	
236 L/s V_k (m/s) NC		P_T 11Pa (T) 1.5-3.6 5.41 <18	P_T 6Pa (T) 0.9-2.1 3.64 <17	
283 L/s V_k (m/s) NC		P_T 19Pa (T) 1.8-3.7 6.29 18	P_T 8Pa (T) 1.2-2.7 4.43 <17	P_T 3Pa (T) 1-1.5 3.82 <20
330 L/s V_k (m/s) NC		P_T 24Pa (T) 2.1-4 7.34 30	P_T 12Pa (T) 1.5-3 5.23 <17	P_T 4Pa (T) 1.2-1.8 4.46 <20
378 L/s V_k (m/s) NC			P_T 15Pa (T) 0.6-3.6 6 17	P_T 5Pa (T) 1.2-2.1 5.1 <20
425 L/s V_k (m/s) NC			P_T 20Pa (T) 2.1-3.7 6.74 22	P_T 9Pa (T) 1.5-2.4 5.74 <20
472 L/s V_k (m/s) NC			P_T 25Pa (T) 2.4-4 7.49 28	P_T 14Pa (T) 1.8-2.7 6.38 <20
566 L/s V_k (m/s) NC			P_T 35Pa (T) 2.7-4.3 8.98 40	P_T 17Pa (T) 2.1-3 7.65 20

**SERIES ADF-4
RETURN AIR PERFORMANCE DATA**

List Size mm	175 x 175	325 x 325	375 x 375	475 x 475
118 L/s	P_T - 40Pa N.C. 24			
142 L/s	P_T - 57Pa N.C. 32			
165 L/s	P_T - 85Pa N.C. 36			
189 L/s	P_T - 112Pa N.C. 41			
283 L/s		P_T - 22Pa N.C. 19		
330 L/s		P_T - 30Pa N.C. 26		
378 L/s		P_T - 39Pa N.C. 31	P_T - 23Pa N.C. 21	
425 L/s		P_T - 49Pa N.C. 36	P_T - 29Pa N.C. 25	
472 L/s		P_T - 61Pa N.C. 39	P_T - 36Pa N.C. 30	P_T - 17Pa N.C. 16
519 L/s			P_T - 44Pa N.C. 33	P_T - 20Pa N.C. 20
613 L/s			P_T - 62Pa N.C. 39	P_T - 27Pa N.C. 23
708 L/s				P_T - 37Pa N.C. 30

REMARKS : 1) THROW (T) Base on V_T 0.66 m/s to 0.25 m/s