

**Mechanical  
Ventilation  
Heat/Energy  
Recovery**



**ASTBERG**  
VENTILATION



**Healthy living  
Green Space**

ASTBERG companion brings you a pure natural and quiet exclusive space.

Enjoy Fresh and healthy air inside your home.

**2025**  
Catalog



**INDIA'S 1st HYBRID ERV**

**ASTBERG VENTILATION**  
 on its way towards  
**DE-CARBONIZATION**  
 &  
**NET ZERO GOALS**  
 ensuring energy efficient and sustainable buildings  
 www.astbergventilation.com

**ASTBERG VENTILATION**  
 Bring life closer to future energy  
**ASTBERG**  
 The Future of Ventilation

**Registration Certificate**

This is to certify that

**ASTBERG VENTILATION PRIVATE LIMITED**  
 B-26, SH. KARNAL SINGH NAGAR, PHASE 2, PARHAWAL ROAD, LUDHIANA PUNJAB, 141022, INDIA

Has been assessed by RAPEL and found to comply with the requirements of

**ISO 9001:2015**  
 Quality Management Systems

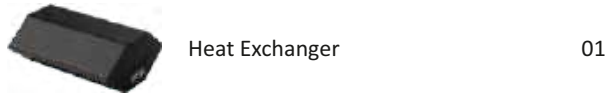
For the following activities:

IMPORT, EXPORT & MANUFACTURING OF BUILDING VENTILATION EQUIPMENTS INCLUDING FAN, BOX FANS, CENTRAL HEAT PUMP, CEILING FAN, FAN, HAY DRYERS, TUNNEL DRYERS, HORIZONTAL VENTS, VENTS, AIR FLOW DUCTS, DIFFUSERS AND ACCESSORY MATERIALS.

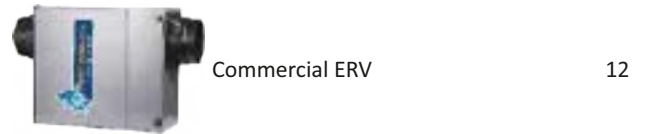
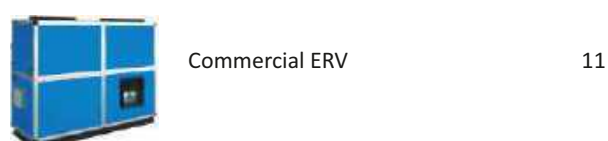
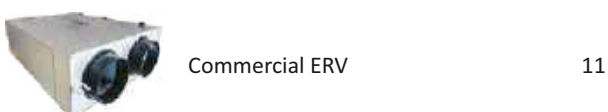
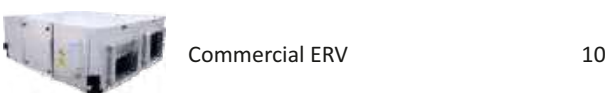
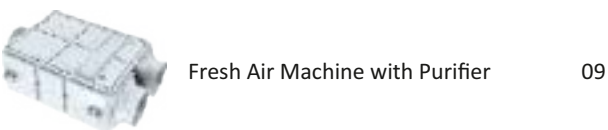
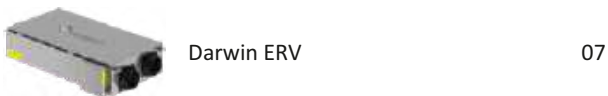
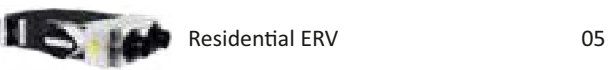
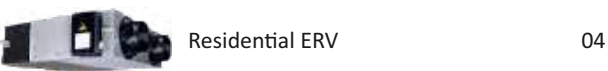
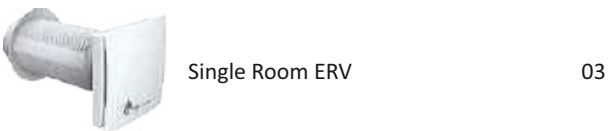
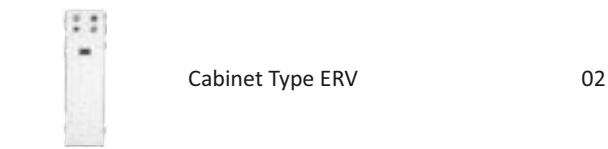
Certificate Number: EX20170013  
 Date of certificate: 20/12/2024  
 Validity: 36 Months  
 Certificate Valid Until: 20/12/2027

Director (Certification)  
**RoHS Assessments Pvt. Ltd.**  
 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 2678, 2679, 2680, 2681, 2682, 2683, 2684, 2685, 2686, 2687, 2688, 2689, 2690, 2691, 2692, 2693, 2694, 2695, 2696, 2697, 2698, 2699, 2700, 2701, 2702, 2703, 2704, 2705, 2706, 2707, 2708, 2709, 2710, 2711, 2712, 2713, 2714, 2715, 2716, 2717, 2718, 2719, 2720, 2721, 2722, 2723, 2724, 2725, 2726, 2727, 2728, 2729, 2730, 2731, 2732, 2733, 2734, 2735, 2736, 2737, 2738, 2739, 2740, 2741, 2742, 2743, 2744, 2745, 2746, 2747, 2748, 2749, 2750, 2751, 2752, 2753, 2754, 2755, 2756, 2757, 2758, 2759, 2760, 2761, 2762, 2763, 2764, 2765, 2766, 2767, 2768, 2769, 2770, 2771, 2772, 2773, 2774, 2775, 2776, 2777, 2778, 2779, 2780, 2781, 2782, 2783, 2784, 2785, 2786, 2787, 2788, 2789, 2790, 2791, 2792, 2793, 2794, 2795, 2796, 2797, 2798, 2799, 2800, 2801, 2802, 2803, 2804, 2805, 2806, 2807, 2808, 2809, 2810, 2811, 2812, 2813, 2814, 2815, 2816, 2817, 2818, 2819, 2820, 2821, 2822, 2823, 2824, 2825, 2826, 2827, 2828, 2829, 2830, 2831, 2832, 2833, 2834, 2835, 2836, 2837, 2838, 2839, 2840, 2841, 2842, 2843, 2844, 2845, 2846, 2847, 2848, 2849, 2850, 2851, 2852, 2853, 2854, 2855, 2856, 2857, 2858, 2859, 2860, 2861, 2862, 2863, 2864, 2865, 2866, 2867, 2868, 2869, 2870, 2871, 2872, 2873, 2874, 2875, 2876, 2877, 2878, 2879, 2880, 2881, 2882, 2883, 2884, 2885, 2886, 2887, 2888, 2889, 2890, 2891, 2892, 2893, 2894, 2895, 2896, 2897, 2898, 2899, 2900, 2901, 2902, 2903, 2904, 2905, 2906, 2907, 2908, 2909, 2910, 2911, 2912, 2913, 2914, 2915, 2916, 2917, 2918, 2919, 2920, 2921, 2922, 2923, 2924, 2925, 2926, 2927, 2928, 2929, 2930, 2931, 2932, 2933, 2934, 2935, 2936, 2937, 2938, 2939, 2940, 2941, 2942, 2943, 2944, 2945, 2946, 2947, 2948, 2949, 2950, 2951, 2952, 2953, 2954, 2955, 2956, 2957, 2958, 2959, 2960, 2961, 2962, 2963, 2964, 2965, 2966, 2967, 2968, 2969, 2970, 2971, 2972, 2973, 2974, 2975, 2976, 2977, 2978, 2979, 2980, 2981, 2982, 2983, 2984, 2985, 2986, 2987, 2988, 2989, 2990, 2991, 2992, 2993, 2994, 2995, 2996, 2997, 2998, 2999, 3000, 3001, 3002, 3003, 3004, 3005, 3006, 3007, 3008, 3009, 3010, 3011, 3012, 3013, 3014, 3015, 3016, 3017, 3018, 3019, 3020, 3021, 3022, 3023, 3024, 3025, 3026, 3027, 3028, 3029, 3030, 3031, 3032, 3033, 3034, 3035, 3036, 3037, 3038, 3039, 3040, 3041, 3042, 3043, 3044, 3045, 3046, 3047, 3048, 3049, 3050, 3051, 3052, 3053, 3054, 3055, 3056, 3057, 3058, 3059, 3060, 3061, 3062, 3063, 3064, 3065, 3066, 3067, 3068, 3069, 3070, 3071, 3072, 3073, 3074, 3075, 3076, 3077, 3078, 3079, 3080, 3081, 3082, 3083, 3084, 3085, 3086, 3087, 3088, 3089, 3090, 3091, 3092, 3093, 3094, 3095, 3096, 3097, 3098, 3099, 3100, 3101, 3102, 3103, 3104, 3105, 3106, 3107, 3108, 3109, 3110, 3111, 3112, 3113, 3114, 3115, 3116, 3117, 3118, 3119, 3120, 3121, 3122, 3123, 3124, 3125, 3126, 3127, 3128, 3129, 3130, 3131, 3132, 3133, 3134, 3135, 3136, 3137, 3138, 3139, 3140, 3141, 3142, 3143, 3144, 3145, 3146, 3147, 3148, 3149, 3150, 3151, 3152, 3153, 3154, 3155, 3156, 3157, 3158, 3159, 3160, 3161, 3162, 3163, 3164, 3165, 3166, 3167, 3168, 3169, 3170, 3171, 3172, 3173, 3174, 3175, 3176, 3177, 3178, 3179, 3180, 3181, 3182, 3183, 3184, 3185, 3186, 3187, 3188, 3189, 3190, 3191, 3192, 3193, 3194, 3195, 3196, 3197, 3198, 3199, 3200, 3201, 3202, 3203, 3204, 3205, 3206, 3207, 3208, 3209, 3210, 3211, 3212, 3213, 3214, 3215, 3216, 3217, 3218, 3219, 3220, 3221, 3222, 3223, 3224, 3225, 3226, 3227, 3228, 3229, 3230, 3231, 3232, 3233, 3234, 3235, 3236, 3237, 3238, 3239, 3240, 3241, 3242, 3243, 3244, 3245, 3246, 3247, 3248, 3249, 3250, 3251, 3252, 3253, 3254, 3255, 3256, 3257, 3258, 3259, 3260, 3261, 3262, 3263, 3264, 3265, 3266, 3267, 3268, 3269, 3270, 3271, 3272, 3273, 3274, 3275, 3276, 3277, 3278, 3279, 3280, 3281, 3282, 3283, 3284, 3285, 3286, 3287, 3288, 3289, 3290, 3291, 3292, 3293, 3294, 3295, 3296, 3297, 3298, 3299, 3300, 3301, 3302, 3303, 3304, 3305, 3306, 3307, 3308, 3309, 3310, 3311, 3312, 3313, 3314, 3315, 3316, 3317, 3318, 3319, 3320, 3321, 3322, 3323, 3324, 3325, 3326, 3327, 3328, 3329, 3330, 3331, 3332, 3333, 3334, 3335, 3336, 3337, 3338, 3339, 3340, 3341, 3342, 3343, 3344, 3345, 3346, 3347, 3348, 3349, 3350, 3351, 3352, 3353, 3354, 3355, 3356, 3357, 3358, 3359, 3360, 3361, 3362, 3363, 3364, 3365, 3366, 3367, 3368, 3369, 3370, 3371, 3372, 3373, 3374, 3375, 3376, 3377, 3378, 3379, 3380, 3381, 3382, 3383, 3384, 3385, 3386, 3387, 3388, 3389, 3390, 3391, 3392, 3393, 3394, 3395, 3396, 3397, 3398, 3399, 3400, 3401, 3402, 3403, 3404, 3405, 3406, 3407, 3408, 3409, 3410, 3411, 3412, 3413, 3414, 3415, 3416, 3417, 3418, 3419, 3420, 3421, 3422, 3423, 3424, 3425, 3426, 3427, 3428, 3429, 3430, 3431, 3432, 3433, 3434, 3435, 3436, 3437, 3438, 3439, 3440, 3441, 3442, 3443, 3444, 3445, 3446, 3447, 3448, 3449, 3450, 3451, 3452, 3453, 3454, 3455, 3456, 3457, 3458, 3459, 3460, 3461, 3462, 3463, 3464, 3465, 3466, 3467, 3468, 3469, 3470, 3471, 3472, 3473, 3474, 3475, 3476, 3477, 3478, 3479, 3480, 3481, 3482, 3483, 3484, 3485, 3486, 3487, 3488, 3489, 3490, 3491, 3492, 3493, 3494, 3495, 3496, 3497, 3498, 3499, 3500, 3501, 3502, 3503, 3504, 3505, 3506, 3507, 3508, 3509, 3510, 3511, 3512, 3513, 3514, 3515, 3516, 3517, 3518, 3519, 3520, 3521, 3522, 3523, 3524, 3525, 3526, 3527, 3528, 3529, 3530, 3531, 3532, 3533, 3534, 3535, 3536, 3537, 3538, 3539, 3540, 3541, 3542, 3543, 3544, 3545, 3546, 3547, 3548, 3549, 3550, 3551, 3552, 3553, 3554, 3555, 3556, 3557, 3558, 3559, 3560, 3561, 3562, 3563, 3564, 3565, 3566, 3567, 3568, 3569, 3570, 3571, 3572, 3573, 3574, 3575, 3576, 3577, 3578, 3579, 3580, 3581, 3582, 3583, 3584, 3585, 3586, 3587, 3588, 3589, 3590, 3591, 3592, 3593, 3594, 3595, 3596, 3597, 3598, 3599, 3600, 3601, 3602, 3603, 3604, 3605, 3606, 3607, 3608, 3609, 3610, 3611, 3612, 3613, 3614, 3615, 3616, 3617, 3618, 3619, 3620, 3621, 3622, 3623, 3624, 3625, 3626, 3627, 3628, 3629, 3630, 3631, 3632, 3633, 3634, 3635, 3636, 3637, 3638, 3639, 3640, 3641, 3642, 3643, 3644, 3645, 3646, 3647, 3648, 3649, 3650, 3651, 3652, 3653, 3654, 3655, 3656, 3657, 3658, 3659, 3660, 3661, 3662, 3663, 3664, 3665, 3666, 3667, 3668, 3669, 3670, 3671, 3672, 3673, 3674, 3675, 3676, 3677, 3678, 3679, 3680, 3681, 3682, 3683, 3684, 3685, 3686, 3687, 3688, 3689, 3690, 3691, 3692, 3693, 3694, 3695, 3696, 3697, 3698, 3699, 3700, 3701, 3702, 3703, 3704, 3705, 3706, 3707, 3708, 3709, 3710, 3711, 3712, 3713, 3714, 3715, 3716, 3717, 3718, 3719, 3720, 3721, 3722, 3723, 3724, 3725, 3726, 3727, 3728, 3729, 3730, 3731, 3732, 3733, 3734, 3735, 3736, 3737, 3738, 3739, 3740, 3741, 3742, 3743, 3744, 3745, 3746, 3747, 3748, 3749, 3750, 3751, 3752, 3753, 3754, 3755, 3756, 3757, 3758, 3759, 3760, 3761, 3762, 3763, 3764, 3765, 3766, 3767, 3768, 3769, 3770, 3771, 3772, 3773, 3774, 3775, 3776, 3777, 3778, 3779, 3780, 3781, 3782, 3783, 3784, 3785, 3786, 3787, 3788, 3789, 3790, 3791, 3792, 3793, 3794, 3795, 3796, 3797, 3798, 3799, 3800, 3801, 3802, 3803, 3804, 3805, 3806, 3807, 3808, 3809, 3810, 3811, 3812, 3813, 3814, 3815, 3816, 3817, 3818, 3819, 3820, 3821, 3822, 3823, 3824, 3825, 3826, 3827, 3828, 3829, 3830, 3831, 3832, 3833, 3834, 3835, 3836, 3837, 3838, 3839, 3840, 3841, 3842, 3843, 3844, 3845, 3846, 3847, 3848, 3849, 3850, 3851, 3852, 3853, 3854, 3855, 3856, 3857, 3858, 3859, 3860, 3861, 3862, 3863, 3864, 3865, 3866, 3867, 3868, 3869, 3870, 3871, 3872, 3873, 3874, 3875, 3876, 3877, 3878, 3879, 3880, 3881, 3882, 3883, 3884, 3885, 3886, 3887, 3888, 3889, 3890, 3891, 3892, 3893, 3894, 3895, 3896, 3897, 3898, 3899, 3900, 3901, 3902, 3903, 3904, 3905, 3906, 3907, 3908, 3909, 3910, 3911, 3912, 3913, 3914, 3915, 3916, 3917, 3918, 3919, 3920, 3921, 3922, 3923, 3924, 3925, 3926, 3927, 3928, 3929, 3930, 3931, 3932, 3933, 3934, 3935, 3936, 3937, 3938, 3939, 3940, 3941, 3942, 3943, 3944, 3945, 3946, 3947, 3948, 3949, 3950, 3951, 3952, 3953, 3954, 3955, 3956, 3957, 3958, 3959, 3960, 3961, 3962, 3963, 3964, 3965, 3966, 3967, 3968, 3969, 3970, 3971, 3972, 3973, 3974, 3975, 3976, 3977, 3978, 3979, 3980, 3981, 3982, 3983, 3984, 3985, 3986, 3987

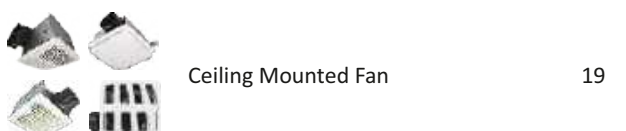
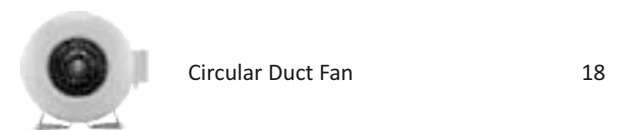
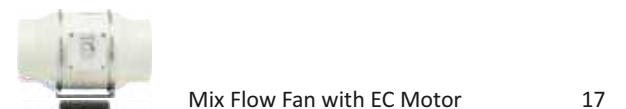
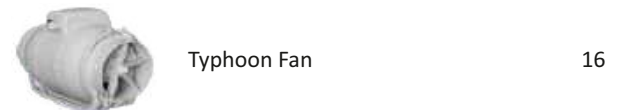
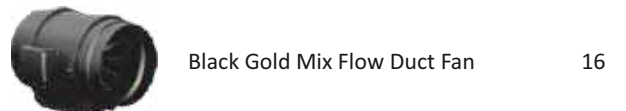
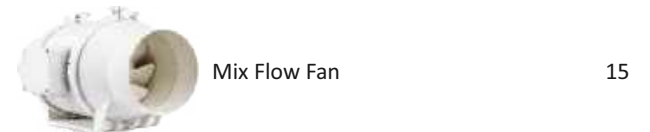
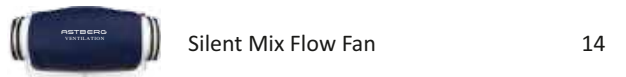
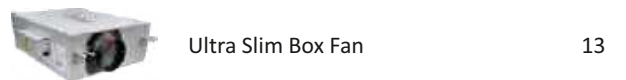
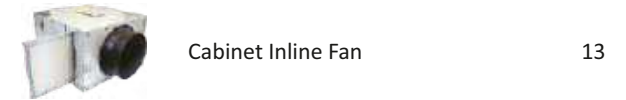
## Heat Exchanger



## Residential / Commercial ERV



## Inline Fans



## Inline Fans



Ceiling Mounted Fan with Light 20



AHI-SD Series 21



AMJ Series 21



AHA Series Fan 22



Kitchen Fan 23



Domestic Fans 24

## Inline Fans



Domestic Fans 25



Accessories 26



Accessories 27



Accessories 28



Accessories 29



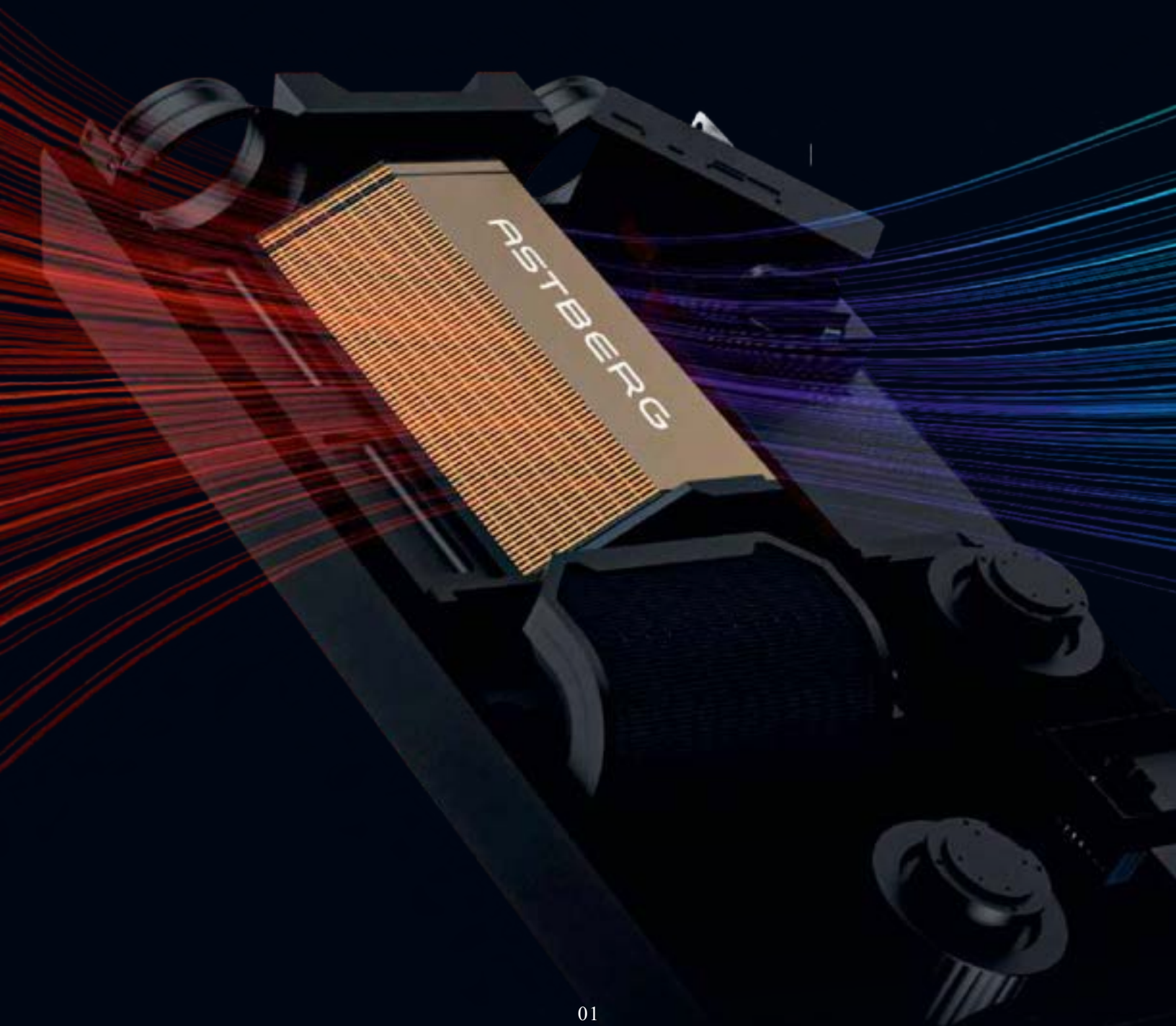
# Cutting-Edge Technology Health and Comfort

## **German Cooper full heat exchange core**

Upgraded to a new dimension of hot and cold precision control, equipped with Cooper full heat exchange core, ABS frame and graphene material, effective ventilation rate 98% anti-mildew and anti-bacterial, environmentally friendly and energy-saving

## **NAI-Ion negative oxygen ion absorption and sterilization technology**

Releases positive and negative ions to absorb aerosols and suspended particulate pollutants, effectively sterilizes and purifies every breath.

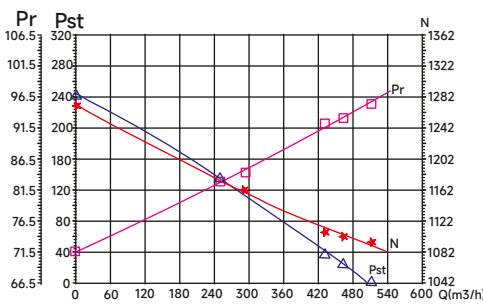


# Cabinet Type Purification Energy Recovery Ventilation

ASTBERG  
VENTILATION



## CURVE GRAPH



## PERFORMANCE PARAMETER:

Model	Unit	ASF-50THP
Voltage	(V/Hz)	220/50
Airflow	(m³/h)	500
Static pressure	(Pa)	260
Purify efficiency	(%)	99
Rated power	(dB)	93
Noise	(%)	20-35
Heat Recovery	(mm)	85
Size		1765x480x405

Constant air supply: the use of fluid dynamics, constant pressure and constant oxygen. Fan motor: using DC frequency conversion motor fan. Nano paper film technology, heat exchange efficiency of 80% or more. Multiple high-efficiency filtration: stainless steel wire mesh, double primary filtration (G4), Double HEPA (H13) filtration, composite PC filter, purification efficiency > 99.99. Air supply mode: three air supply modes. Direct air supply and the top of the top back, ground supply Air supply: three air supply methods. Low noise and low energy consumption: 25dB ultra-quiet, line development 24 hours as long as 0.7 degrees of electricity. WIFI APP remote cloud control, VOC, PM2.5 indoor air quality display detection.

## INSTALLATION :

-  Quality Energy Saving
-  Purification BLDC Motor
-  Intelligent Control Bypass

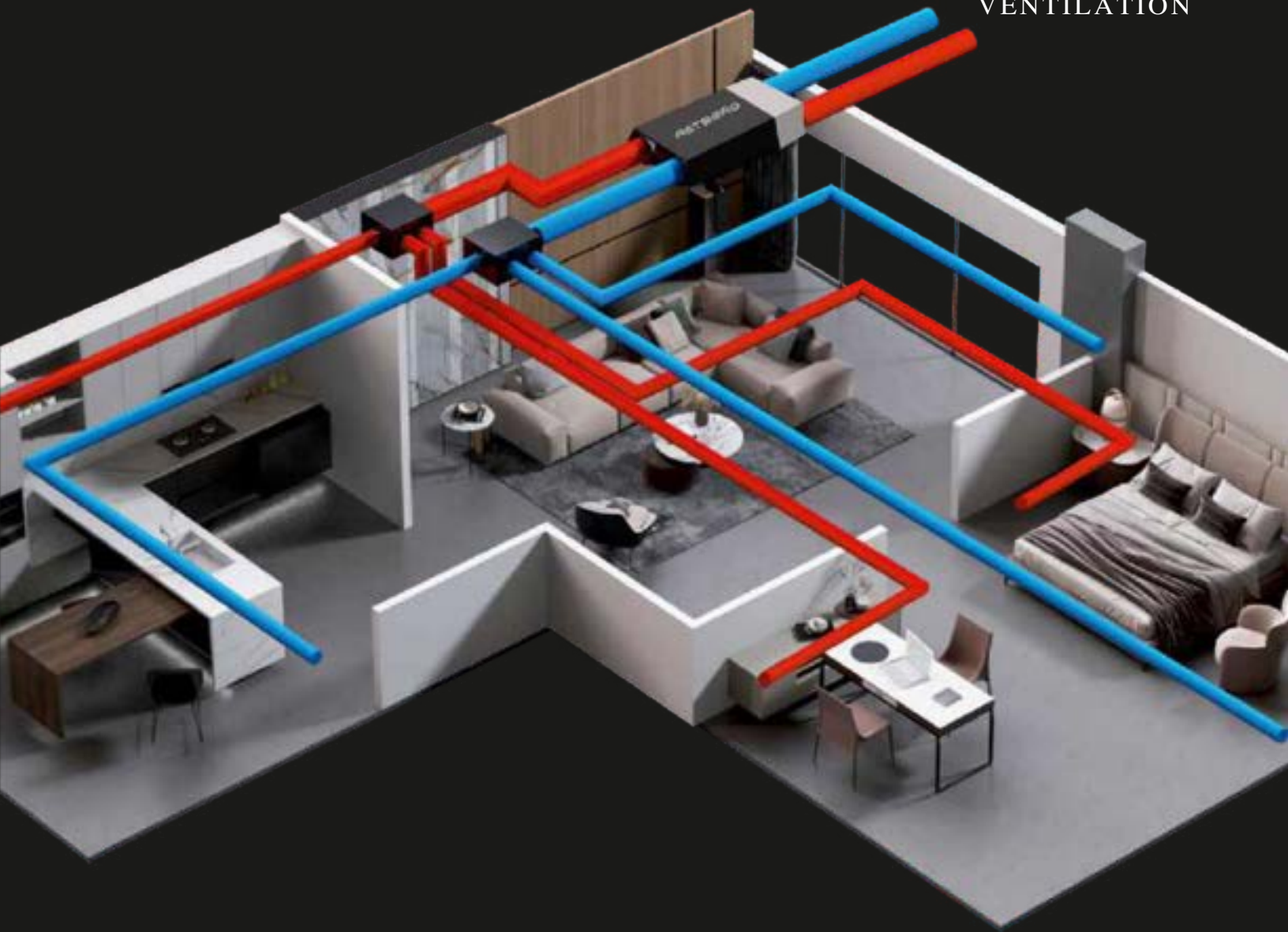




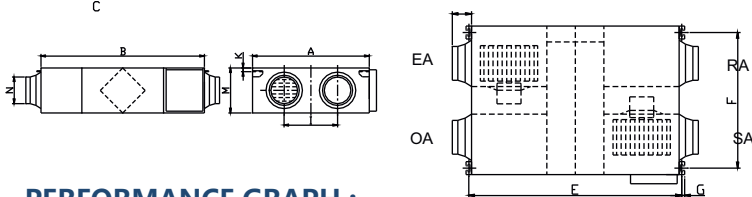


# Heat / Energy Recovery Ventilator

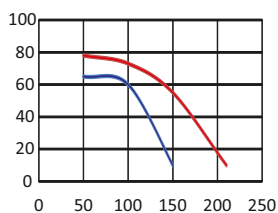
ASTBERG  
VENTILATION



## DIMENSION DIAGRAM :



## PERFORMANCE GRAPH :



## STANDARD FEATURES:

- Energy saving air exchange: Effectively recover the heat energy, which lost by air exchange (fresh air load), which can save the cost of air conditioning.
- Save equipment: because it can reduce the fresh air load greatly, part of the heat energy can be recovered, the air conditioning equipment can be appropriately miniaturized.
- Humidity regulating function: during refrigeration, remove the external air which with high humidity and supply air as close to the indoor humidity. During heating, convert dry outdoor air into indoor humidity, and supply air as close to the indoor humidity.
- Comfortable air exchange: indoor temperature changes in little during air exchange. Due to simultaneous air exhaust and air supply, air exchange also can be stable in a highly sealed room.
- Sound insulation effect: Body air duct and heat exchange core have sound insulation effect, can prevent outdoor noise into the indoor, or prevent indoor noise to the outdoor, do not damage the office and other public places environment.

### ▶ Regarding Air exchange method

Energy recovery and ventilation: heat exchange for outdoor air and indoor air to get close to the temperature and humidity of indoor air and then supply air to the room.

## PERFORMANCE PARAMETER : AHE D20 THA(L/M/H)

Airflow (m <sup>3</sup> /h)	Ext. Pressure (Pa)	Enth. Cooling (%)	Enth. Heating (%)	Temp. (%)
150/200/200	60/70/75	60/55/55	63/69/69	75/70/70

Noise (dB)	Voltage (V/Hz)	Current (A)	Input Power (W)	Weight (Kg)
25/30/31.50	--/220/--	--/0.5/--	--/117/--	--/25/--

Model	A	B	C	E	F	G	L	K	M	ΦN
AHE-D20THA	580	666	100	725	510	19	290	20	264	144





**THREE STAGE FILTERATION**

### STANDARD FEATURES:

- Airflow from 250m<sup>3</sup>/h-1000m<sup>3</sup>/h.High technology Counterflow Nano-film heat exchanger core that the efficiency of energy recovery more than crossflow .
- Heat exchange core Life span up to 10 years .  
External rotor motor, equipped with automatic reset thermal overload protection
- Double way air filtration to bring fresh air and improve air quality.
- Filter: Includes washable Pre Filter, Hepa Filter, Activated Carbon Filter. Additional pre filter for exhaust air stream to save heat exchanger from room pollutants that eventually increase Heat exchange core life span.
- Integrated balancing damper and balancing port.
- Easy access service door
- LCD controller

# Heat / Energy Recovery Ventilator

**ASTBERG**  
VENTILATION

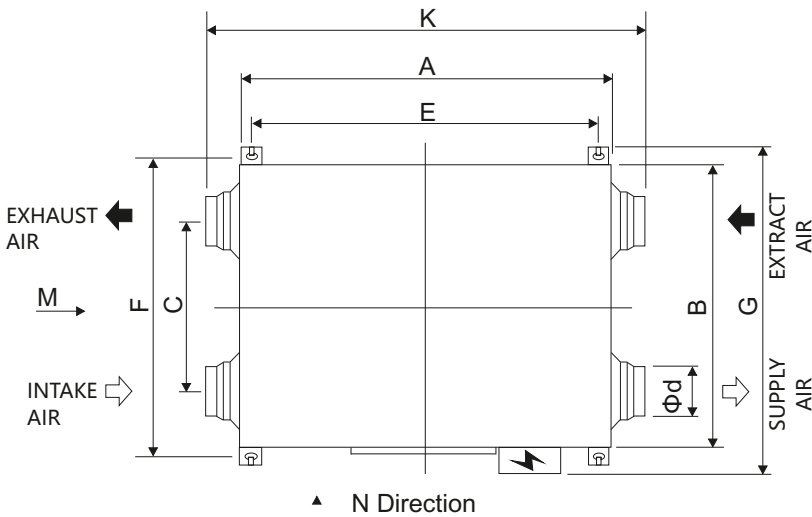
## PERFORMANCE PARAMETER:

Model	Unit	AHE-25THP	AHE-35THP	AHE-50THP	AHE-80THP	AHE-100THP
Voltage	(V/Hz)	220/50	220/50	220/50	220/50/60	220/50/60
Airflow	(m <sup>3</sup> /h)	250/200/160	350/270/200	500/360/300	800/800/625	1000/780/650
Static pressure	(Pa)	98	110	175	150	115
Enthalpy exchange efficiency	(%)	72-78	72-78	72-78	75/77/77	75/75/77
Rated power	(W)	126.8	164.4	247.6	320/273/205	450/375/330
Noise	(dB)	35/33/31	36/34/32	38/36/32	41/37/33	41/37/33
Weight	(Kg)	30	37	43	74	89
Diameter of vent	(mm)	150	150	200	250	250
Machine size	(mm)	1135X600X275	1135X740X275	1220X900X320	1492/1009/335	1492/1256/335

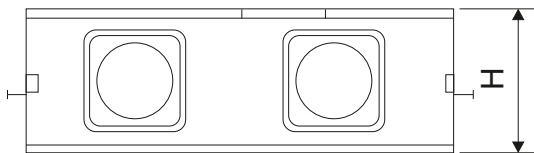
unit:mm

Model	A	B	C	E	F	G	H	K	Φd
AHE-25THP	1135	600	318	1060	660	735	275	1330	150
AHE-35THP	1135	740	458	1060	800	875	275	1330	150
AHE-50THP	1220	900	635	1150	970	1040	320	1370	200
AHE-80THP	1320	885	430	1502	936	1009	335	1485	250
AHE-100THP	1572	1132	681	1502	1186	1256	335	1742	250

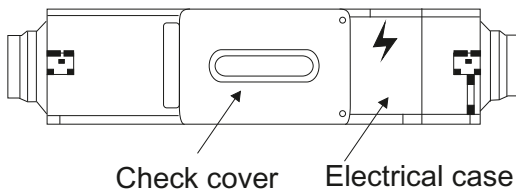
## DIMENSION DIAGRAM :



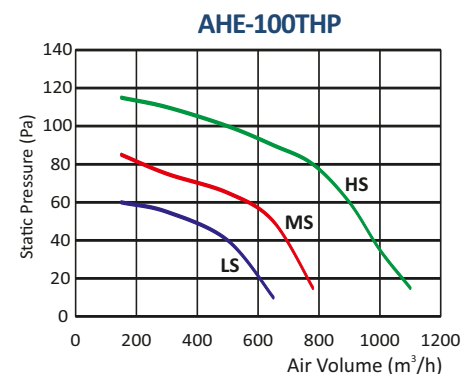
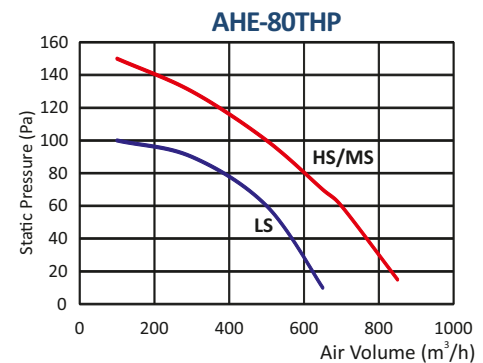
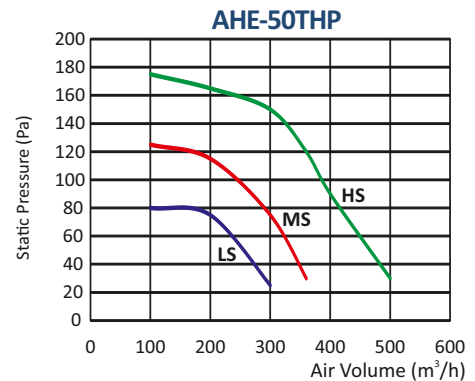
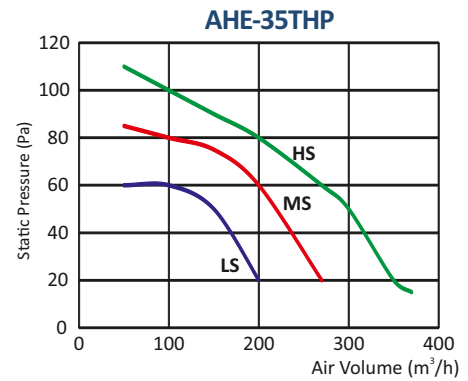
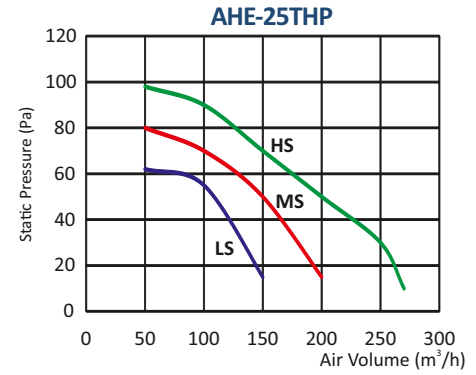
M Direction



N Direction

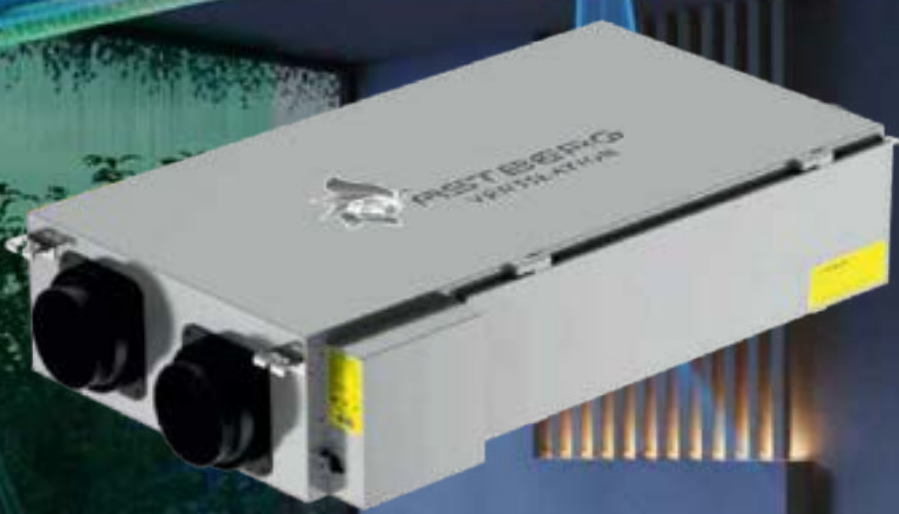


## CURVE GRAPH :





# DARWIN VF/A SERIES

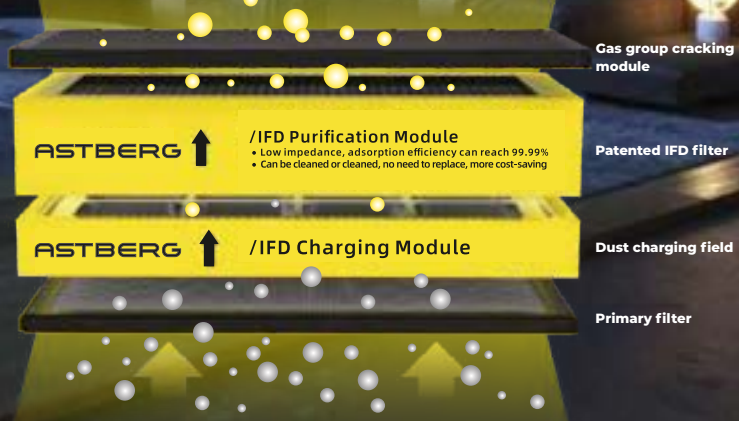


## DARWIN-VF/A

Germany COOPER total heat exchange core, upgrade the new dimension of heat and cold precision control, solve the problem of indoor and outdoor temperature difference, so that the indoor temperature is always constant and comfortable state. CFD simulation flow to design, two-way increase air exchange, small wind resistance, high static pressure. Original sheet metal air duct structure design, not only increases the structure of the load-bearing, but also sound absorption Noise reduction, significantly reduce the crosstalk of fresh air and exhaust air, and improve the purification effect.

## IFD Purification Module

Dynamic microparticle hunting module is to charge the dust microparticles and capture the charged microparticles in the hunting module. Gaseous molecular group cracking module is a thorough catalytic oxidation decomposition of formaldehyde, benzene, TVOC and other harmful pollutants, the end product of decomposition is carbon dioxide and water. No secondary pollution, no consumables, high efficiency and energy saving, long service life.

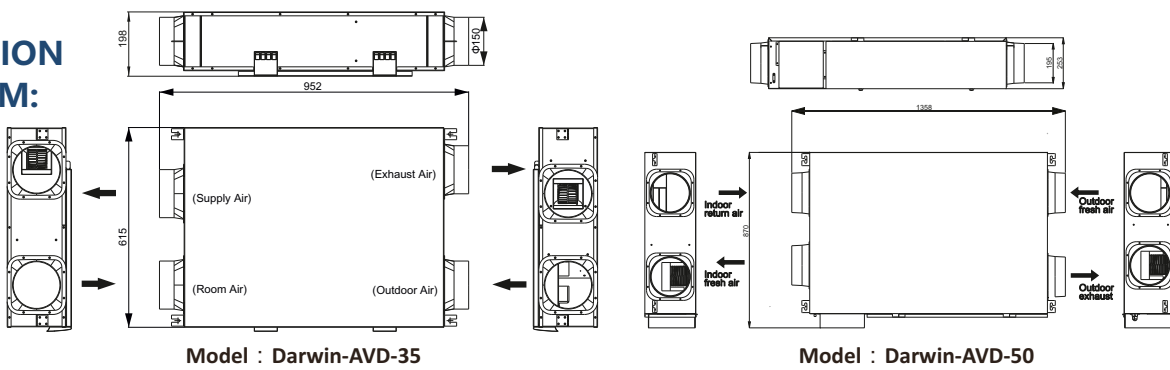


**99.99%**  
Purification efficiency

# DARWIN VF/A SERIES



## DIMENSION DIAGRAM:

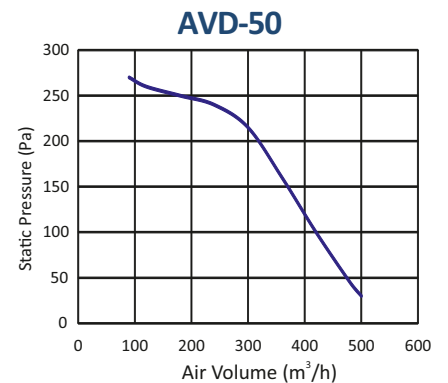
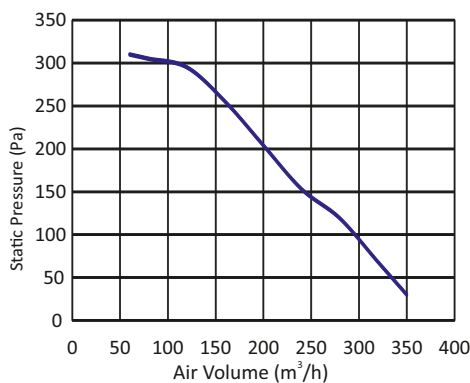
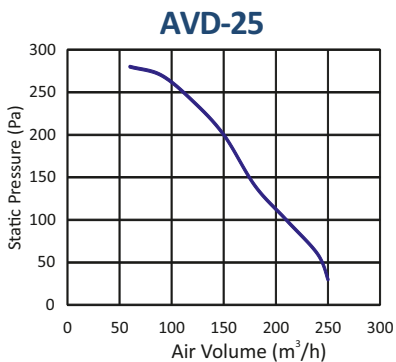


Model : Darwin-AVD-35

Model : Darwin-AVD-50

## CURVE GRAPH :

### AVD-35



## PRODUCT PARAMETERS

Model	Airflow (m <sup>3</sup> /h)	Voltage (V)	Power (W)	Hydrostatic (Pa)	Noise (dB)	Tube size (mm)	Heat Recovery (%)	Purification Efficiency(%)	Fuselage Size(mm)
Darwin-AVD-25	250	220V	110	280	36	Φ150	80-85	99	952*615*198
Darwin-AVD-35	350	220V	120	310	38	Φ150	80-85	99	952*615*198
Darwin-AVD-50	500	220V	140	260	40	Φ200	80-85	99	1358*870*253



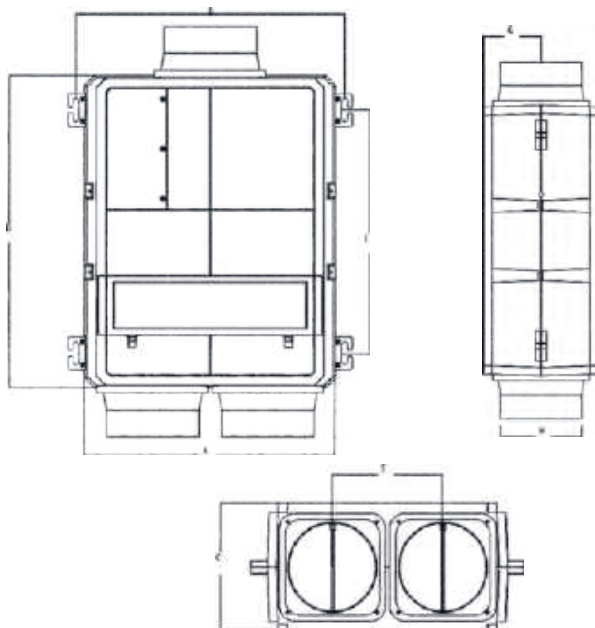
**FRESH AIR  
MACHINE  
WITH  
PURIFIER**



**PRODUCT PARAMETERS :**

Model	Airflow (m <sup>3</sup> /h)	Voltage (V)	Power (W)	Weight (kg)	Noise (dB)	Tube size (mm)	Purification Efficiency(%)	Fuselage Size(mm)
AFP 350R	350	220V	150	6	40	Φ150	<99	400x500x210

**DIMENSION DIAGRAM :**



**CONTROLLER :**

**1. Turning Ventilator On/Off Key**



**2. Temperature Display**



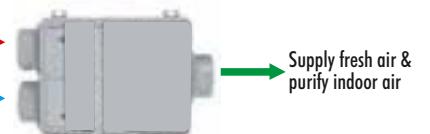
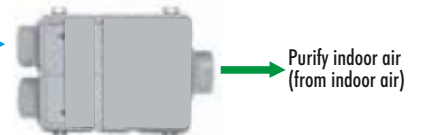
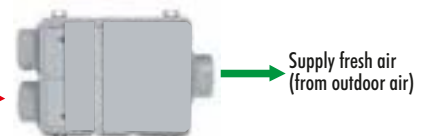
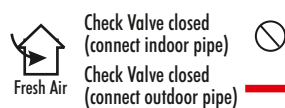
**3. Speed Setting Ventilator Keys**



**4. Delay**



**5. Operating Mode Keys**



**DIMENSION CHART :**

Product Model	Outline Dimension			Hook Size		Flange Size		
	A	B	C	D	E	F	G	G
AFP 350R	400	500	210	430	390	1	105	φ150

# Heat / Energy Recovery Ventilator

**ASTBERG**  
VENTILATION

## STANDARD FEATURES:

This is one of the most valuable products

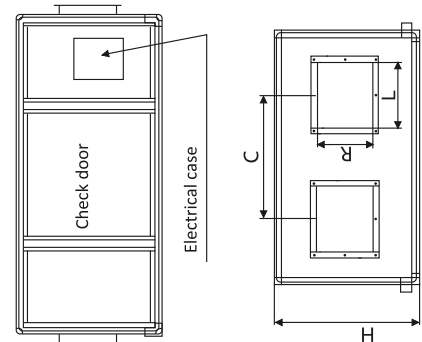
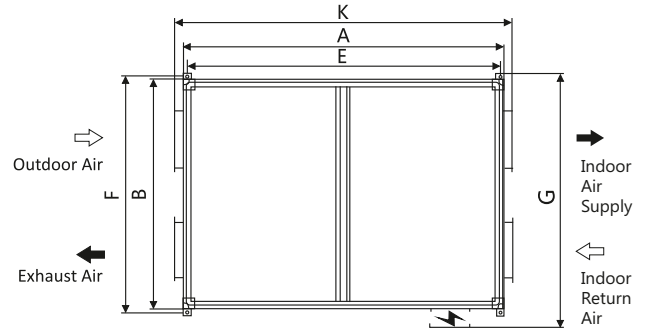
- Airflow more than 1500m<sup>3</sup>/h. high technology counter flow nano-film heat exchange core that the efficiency of energy recovery more than cross flow.
- Heat exchange core Life span up to 10 years.
- External rotor motor, with automatic reset thermal overload protection.
- Double way air filtration to bring fresh air and improve air quality.
- Internal balancing damper and balancing port.
- Easy access service door.
- LCD controller.
- Filter: includes washable primary filter.



## PERFORMANCE PARAMETER:

Model	Unit	AHE-150THB	AHE-200THB	AHE-300THB	AHE-400THB	AHE-500THB	AHE-600THB
Voltage	(V/Hz)	220/50	220/50	220/50	380/50	380/50	380
Airflow	(m <sup>3</sup> /h)	1500/1360/1210	2000/1830/1660	3000/2820/2650	4000	5000	6000
Static pressure	(Pa)	185	210	280	300	330	350
Heat exchange efficiency	(%)	>78%	>78%	>78%	>78%	>78%	>80%
Rated power	(W)	580	880	1500	2000	2200	4400
Noise	(dB)	52/50/46	54/51/49	60/56/52	62	64	61
Weight	(Kg)	90	110	252	270	290	290
Diameter of vent	(mm)	230x210	260x230	330x300	360x310	375x375	375x375
Machine size	(mm)	1500x1020x558	1580x1160x558	1780x1360x558	1780x1560x558	2100x1760x838	2100x2020x838

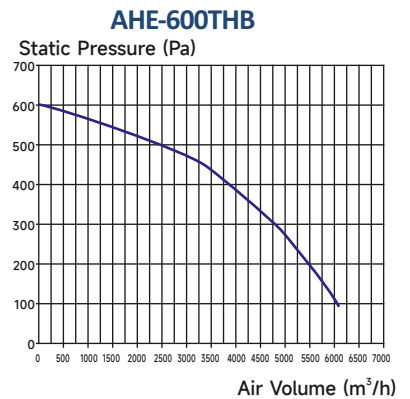
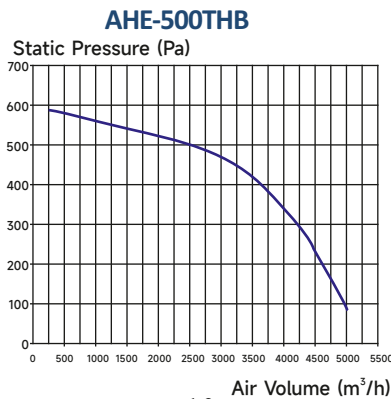
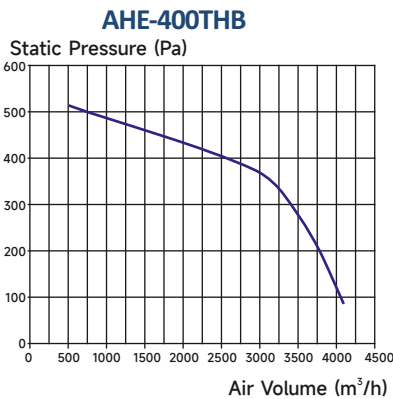
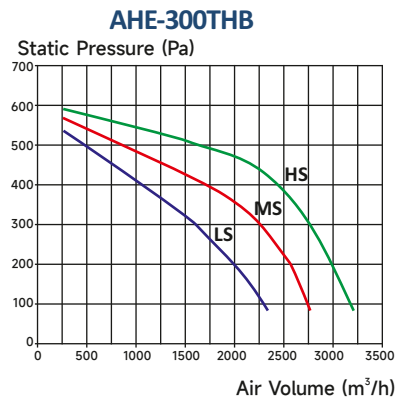
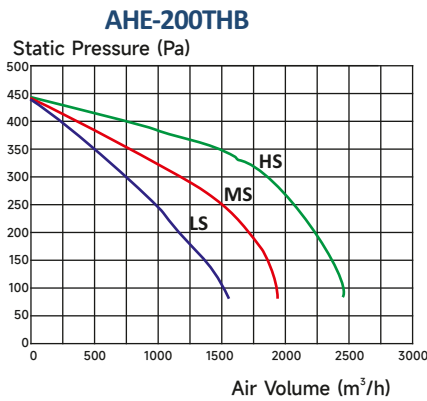
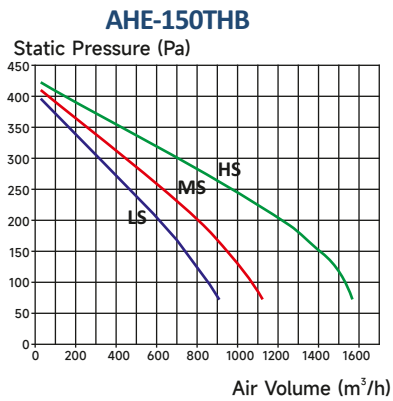
## DIMENSION DIAGRAM :



unit:mm

Model	A	B	C	E	F	G	H	K	LxR
AHE-150THB	1400	940	430	1360	980	1020	558	1500	230x210
AHE-200THB	1480	1080	470	1440	1120	1160	558	1580	260x230
AHE-300THB	1680	1280	570	1640	1320	1360	558	1780	330x300
AHE-400THB	1680	1480	670	1640	1520	1560	558	1780	360x310
AHE-500THB	2000	1680	770	1940	1720	1760	838	2100	375x375
AHE-600THB	2000	1940	900	1940	1980	2020	838	2100	500x400

## CURVE GRAPH :





# Heat / Energy Recovery Ventilator

**ASTBERG**  
VENTILATION

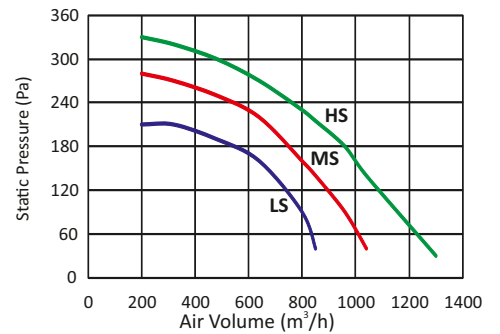
## PERFORMANCE PARAMETER :

Model	Unit	AHE-130TH
Voltage	(V/Hz)	220/50
Airflow	(m <sup>3</sup> /h)	1300
Static pressure	(Pa)	300
Enthalpy exchange efficiency	(%)	70-75
Rated power	(W)	490
Noise	(dB)	43
Weight	(Kg)	65
Diameter of vent	(mm)	200
Machine size	(mm)	1270X830X332

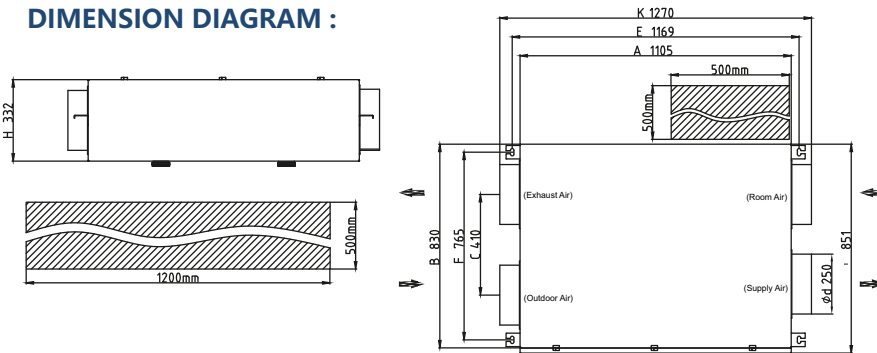


## CURVE GRAPH :

AHE-130TH



## DIMENSION DIAGRAM :



# Heat / Energy Recovery Ventilator

## STANDARD FEATURES:

This is one of the most valuable products

- Airflow more than 6000m<sup>3</sup>/h. high technology counter flow nano-film heat exchange core that the efficiency of energy recovery more than cross flow.
- Heat exchange core Life span up to 10 years.
- External rotor motor, with automatic reset thermal overload protection.
- Double way air filtration to bring fresh air and improve air quality.
- Internal balancing damper and balancing port.
- Easy access service door.
- LCD controller.
- Filter: includes washable primary filter.



## PERFORMANCE PARAMETER :

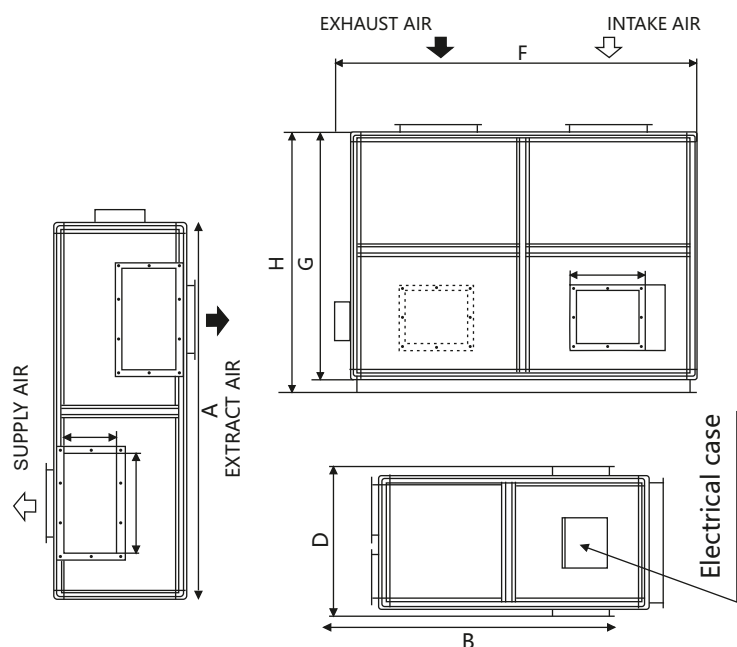
Model	Unit	AHE-600TL	AHE-800TL	AHE-1000TL
Voltage	(V/Hz)	380/50/60	380/50/60	380/50/60
Airflow	(m <sup>3</sup> /h)	6000	8000	10000
Static pressure	(Pa)	320	350	350
Enthalpy exchange efficiency	(%)	72	72	72
Rated power	(W)	3600	4400	6000
Noise	(dB)	66	68	72
Weight	(Kg)	650	950	1150
Diameter of vent	(mm)	320x700	320x500	400x500
Machine size	(mm)	2630x890x1680	1950x1500x2555	2350x1700x2635

## DIMENSIONS :

Model	A	B	D	F	G	H
AHE-600TL	1600	1600	790	1600	1600	1700
AHE-800TL	1800	1680	790	1800	1680	1780
AHE-1000TL	2000	1700	900	2000	1800	1900

unit:mm

## DIMENSION DIAGRAM:



# Heat / Energy Recovery Ventilator

ASTBERG  
VENTILATION



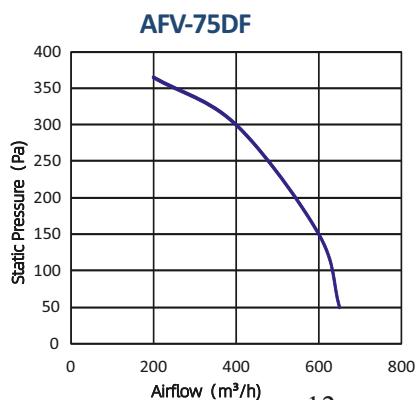
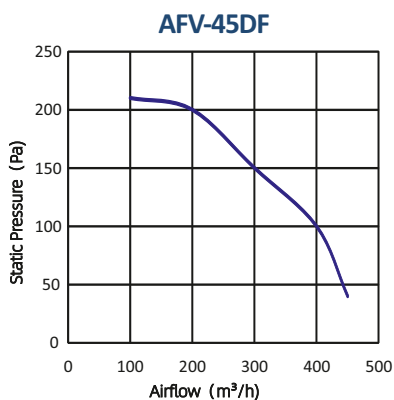
## PRODUCT PARAMETERS :

Model	Voltage	Speed	Power (W)	Air Volume (m <sup>3</sup> /h)	Static Pressure (Pa)	Noise (dB)	Duct Diameter(mm)
AFV 45DF	220V-50Hz	H	75	450	210	38	150
		L	55	350	210	38	150
AFV 75DF	220V-50Hz	H	130	650	365	42	200
		L	115	550	365	42	200

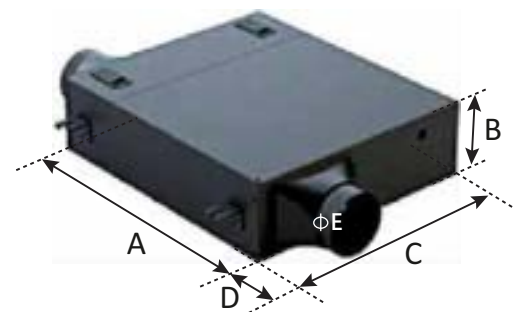
## STANDARD FEATURES:

- Metal Filter remove large particles, small insects & pollens.
- Pre-Filter efficiency up to 90%, filters particles such as mold & Spores.
- HEPA Filter H11 grade efficiency up to 95%, filters such as virus.
- Carbon Activated Filter to absorb formaldehyde, benzene, radon & harmful chemical.
- Negative Ion Filter attach to positively charged particles in the room, such as dust, bacteria, pollen, smoke, and other allergens.

## CURVE GRAPH :



## DIMENSION DIAGRAM :



## DIMENSION CHART :

Product Model	A	B	C	D	ΦE
AFV 45 DF	367	200	420	88	150
AFV 75 DF	367	250	420	88	200



# Cabinet Inline fan with Pre Filter

**ASTBERG**  
VENTILATION

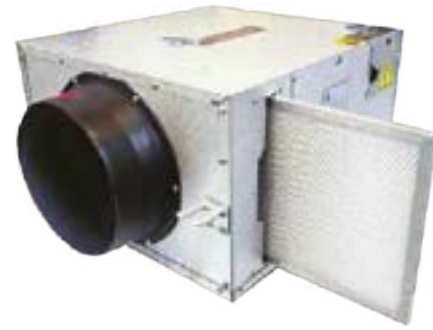
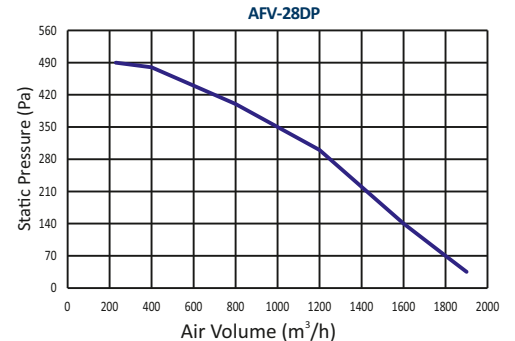
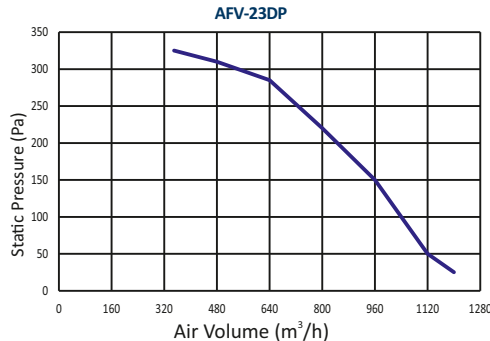
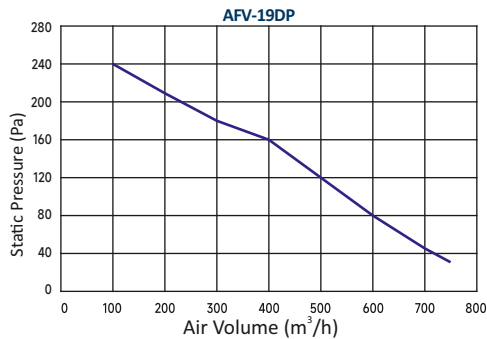
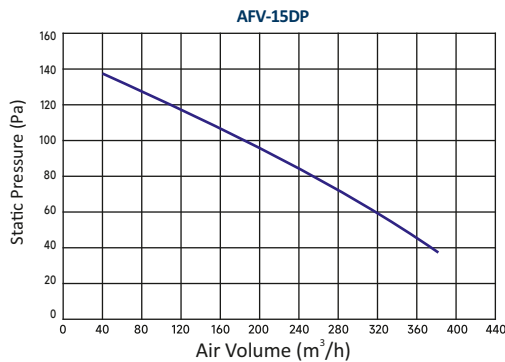
## PERFORMANCE PARAMETERS :

Model	Unit	AFV-15DP	AFV-19DP	AFV-23DP	AFV-28DP
Voltage	(V/Hz)	220/50	220/50	220/50	220/50
Power	(W)	41	110	240	420
Airflow	(m <sup>3</sup> /h)	370	770	1200	1900
Static pressure	(Pa)	105	245	310	492
Noise	(dB)	27/24	30	35	40
Weight	(Kg)	6.6	9	18.1	24.3
Diameter of vent	(mm)	150	200	250	250
Machine size	(mm)	302X290X206	397X376X254	471X471X296	495X495X334

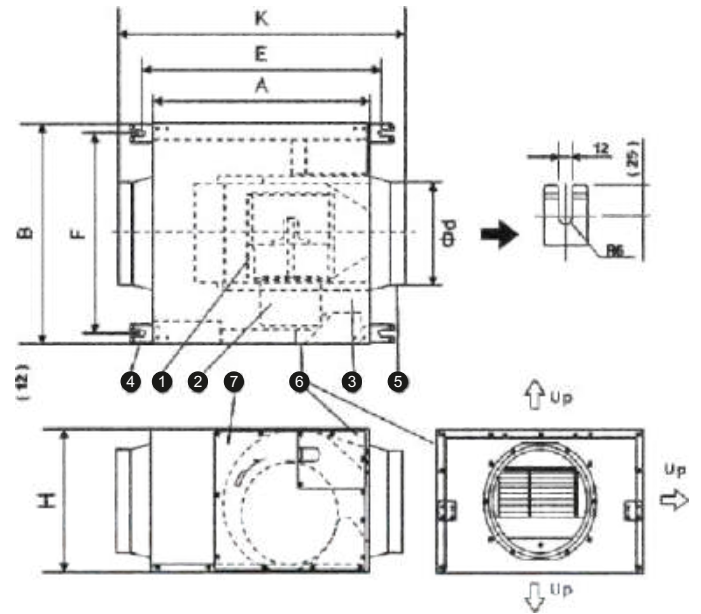
unit:mm

Model	A	B	E	F	H	K	d
AFV-15DP	302	290	-	-	206	-	-
AFV-19DP	397	376	441	336	254	537	200
AFV-23DP	469	471	513	430	296	635	250
AFV-28DP	505	495	549	450	334	660	250

## PERFORMANCE GRAPH :



## DIMENSION DIAGRAM :



## Ultra Slim Box fan



## PERFORMANCE PARAMETERS :

Model	Voltage	Rated Power	Airflow	Static Pressure	Noise	Dia. of Vent	Machine Size	Weight
Unit	V/Hz	W	m <sup>3</sup> /h	Pa	dB(A)	mm	mm	Kg
ASF-25	220/50	35	250	210	31	100	320x380x130	7

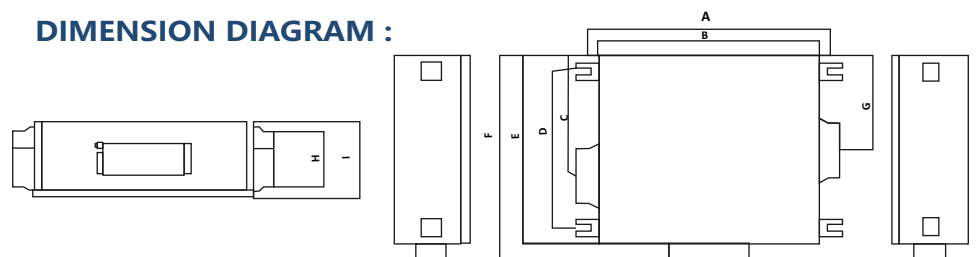
## STANDARD FEATURES:

- Low noise design, using professional high quality air conditioner fan.
- Effective silent function installed throughout whole cabinet, with fireproof function.
- Entire box with aluminum frame, high-quality galvanized sheet structure.
- Complete specifications, flexible choice. All specification and design can be customized .
- Both available for Air supply and exhaust.

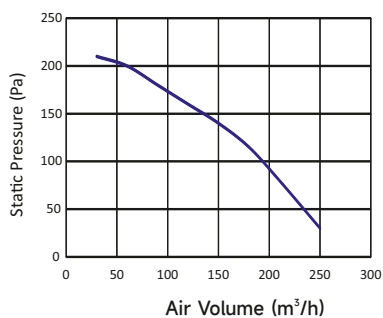
unit:mm

A	B	C	D	E	F	G	H	I
418	380	205	270	320	355	160	100	130

## DIMENSION DIAGRAM :



## PERFORMANCE GRAPH :



# Silent Mix Flow Fan

## SPECIFICATIONS :

Body and panel are all made of PVC. Design with smooth duct and large impeller, advantage of large air volume , low noise and suitable for big space, high performance motor , equipped with high quality ball bearing , advantage of long service life , high efficiency and energy saving.24 Hours Running Capacity, Lowest Noise Level, Weather proof. Special snap joints design, easy installation, perfect seal conditions, easy maintenance. It may be used effectively to ventilate conference room, office, public place, hotel, house, and modernized toilets and washrooms.

## PRODUCT FEATURES :

1. Full PVC plastic body, light weight but with enough strength, double insulation.
2. Super thin design, easy to install in those confined spaces.
3. The double-speed motors are controlled with a built-in switch (V option) or an external switch for multi speed fans.

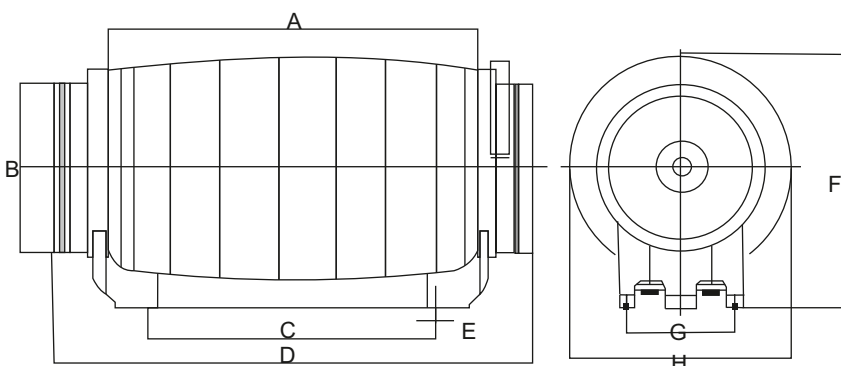
## PERFORMANCE PARAMETERS :

Model	Unit	ADD-100P ADD-125P	ADD-150P	ADD-200P
Voltage	(V/Hz)	220/50	220/50	220/50
Current	(Amps)	0.14	0.25	0.57
Power	(W)	33	50	128
Air Flow	(m <sup>3</sup> /h)	284	530	840
Air Pressure	(Pa)	159	300	352
Noise	(dB)	25	31	35
Weight	(kg)	2.8	4.0	5.9

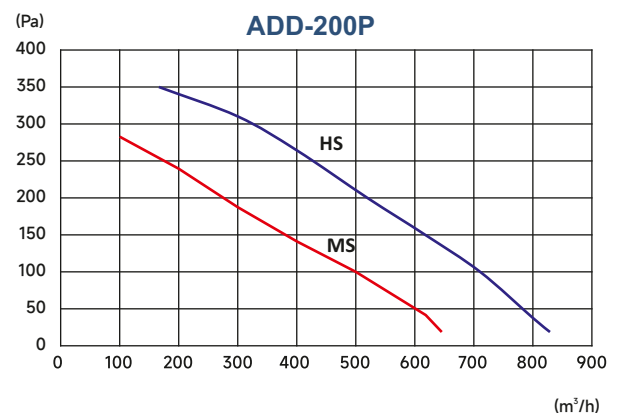
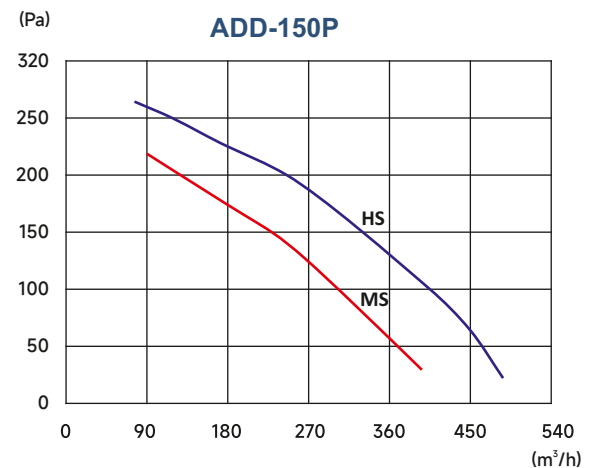
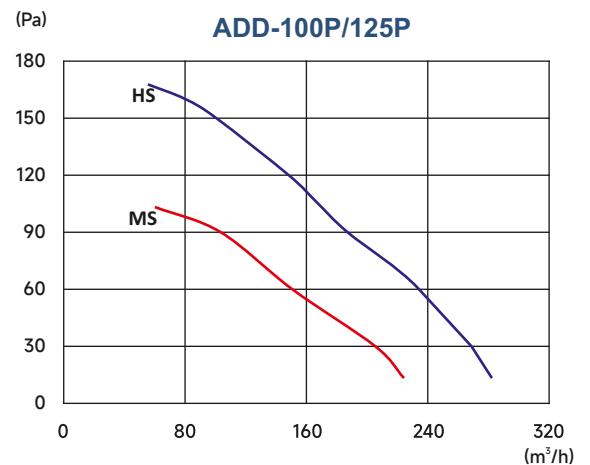
## DIMENSIONS :

Model	A	B	C	D	E	F	G	H
ADD-100P	330	∅ 123	248	462	4-∅5.5	225	82	∅ 205
ADD-125P	330	∅ 123	248	462	4-∅5.5	225	82	∅ 205
ADD-150P	351.6	∅ 148	251	488	4-∅5.3	243.6	95	∅ 220.7
ADD-200P	436	∅ 198	339	567	4-∅5.6	301	128	∅ 262

## DIMENSION DIAGRAM :



## PERFORMANCE GRAPH :





# Mix Flow Fan

## STANDARD FEATURES:

- This series is an ideal solution for economical ventilation purpose.  
The Fan casing is made of high quality ABS material with light weight.
- Fan blade is designed according to high performance hydromechanical principle to reach optimal airflow pressure, high efficiency working, low energy consumption and low noise.
- Special design of integrated casing and joint to make the installation and maintenance more easier.
- Operating Temperature range : -20°C~60°C

**ASTBERG**  
VENTILATION



## SPECIAL FEATURES :

Motor Type	Body Material	Optional	Motor Protection
2 Speed AC Motor	ABS/PP	Timer, Motion Sensor, Humidity Sensor	Class : IP44

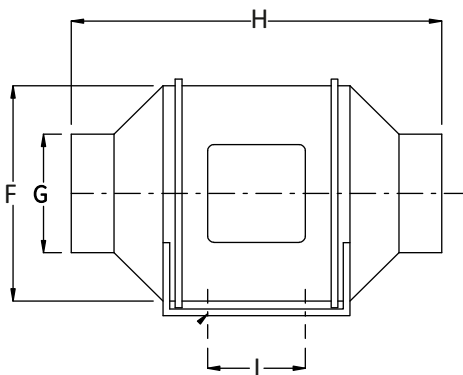
## PERFORMANCE PARAMETERS :

Model	Unit	AF-100	AF-125	AF-150	AF-200	AF-250	AF-315
Voltage	(V/Hz)	220/50	220/50	220/50	220/50	220/50	220/50
Current	(Amps)	0.12	0.14	0.22	0.53	1.20	1.90
Power	(W)	26/23	33/28	54/44	128/123	225/165	390/275
Air Flow	(m <sup>3</sup> /h)	198/165	284/248	530/410	840/690	1405/1064	2206/1750
Air Pressure	(Pa)	156	159	300	352	488	693
Noise	(dB)	31/26	31/26	33/29	63/55	66/58	69/61
Speed	(rpm)	2200/1850	2200/1850	2550/1850	2450/1950	2450/1850	2350/1650
Weight	(kg)	1.5	1.5	2.6	4.9	7.5	11

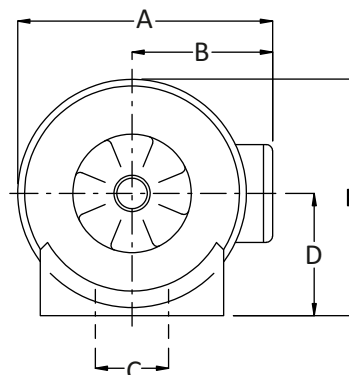
## DIMENSIONS :

Model	A	B	C	D	E	F	G	H	I	unit:mm
AF-100	204	116	60	99	195	163	97	302	80	
AF-125	204	116	60	99	195	163	123	257	80	
AF-150	229	127	105	104	217	187	147	315	77	
AF-200	249	137	94	125	237	205	197	302	100	
AF-250	310	174	150	150	286	261	246	383	150	
AF-315	386	216	178	187	357	325	312	446	181	

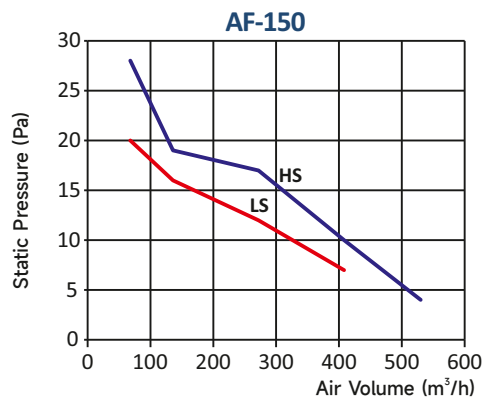
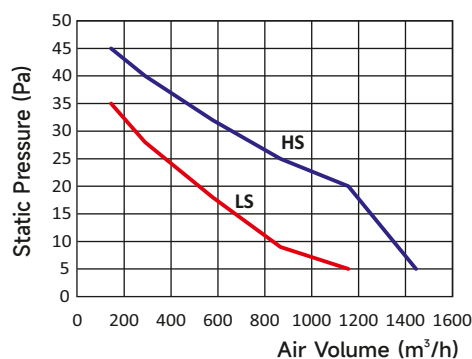
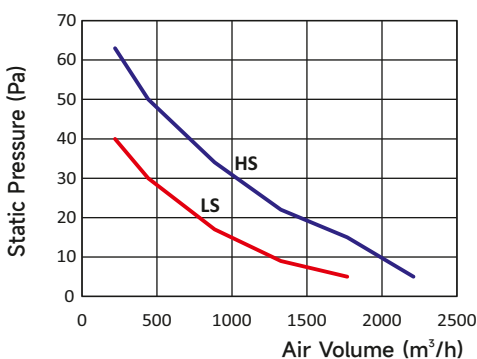
## DIMENSIONS DIAGRAM :



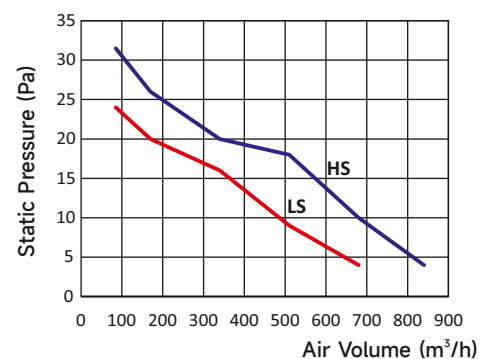
AF-315



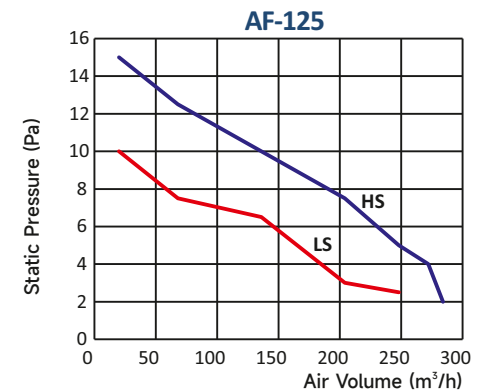
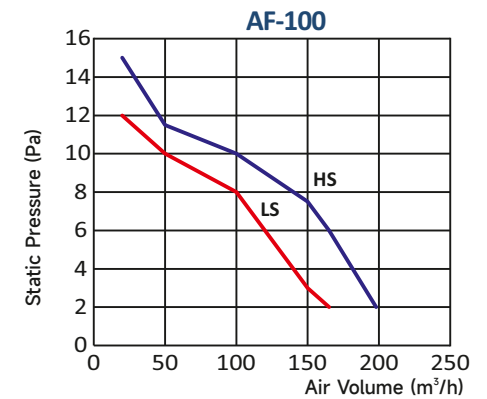
AF-250



AF-200



## CURVE GRAPH :



# Black Gold Series Mixed Flow Duct Fan

**ASTBERG**  
VENTILATION

## PERFORMANCE PARAMETERS :

Model	Unit	AFB-200	AFB-250	AFB-315
Power	W	70/60	170/130	320/230
Air Volume	m <sup>3</sup> /h	850/700	1500/1100	2300/1800
Static Pressure	Pa	350/280	550/400	700/500
Noise	dB	50/45	60/54	66/61
Duct Size	mm	200	250	315
Weight	kg	3.1	7	9.7
Applicable Area	m <sup>3</sup>	34-76	42-84	60-120

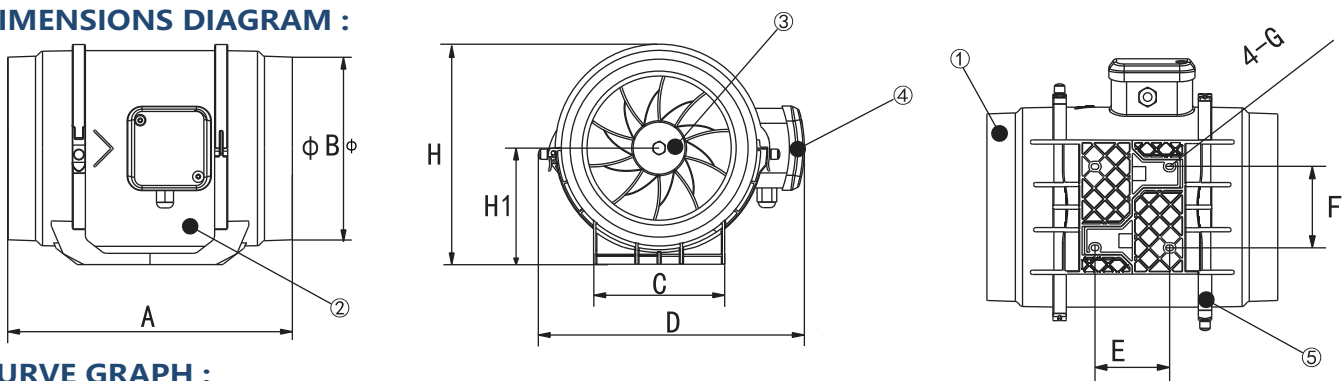


## DIMENSIONS :

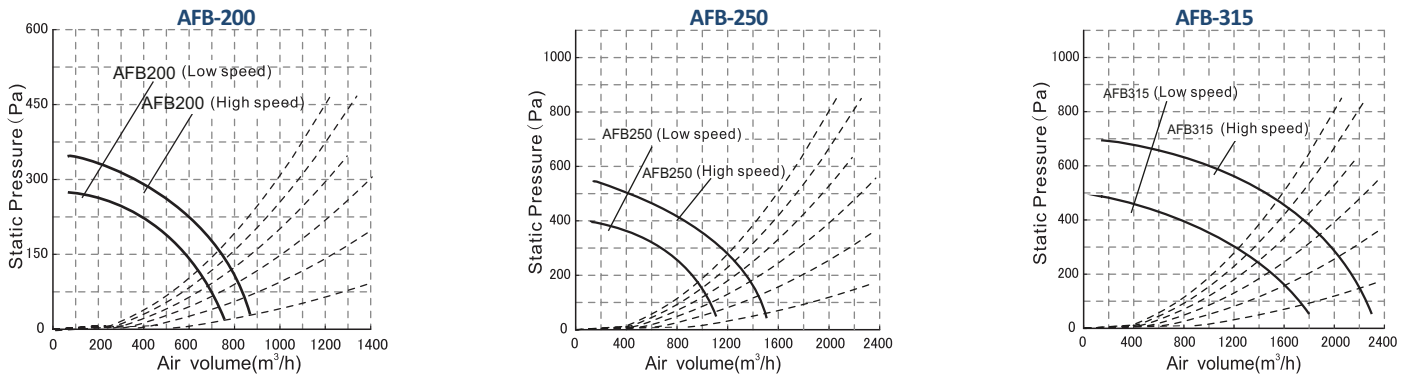
unit:mm

Model	A	ØB	C	D	E	F	G Long Hole	H1	K
AFB-200	304	200	140	258	78	85	8x6	235	124
AFB-250	383	250	180	298	119	92	11x8	291	152
AFB-315	413	315	220	364	127	140	11x8	359	189

## DIMENSIONS DIAGRAM :



## CURVE GRAPH :



# Typhoon Fan



## PERFORMANCE PARAMETERS :

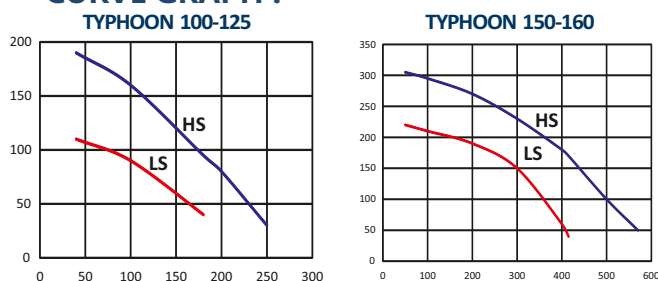
Model	Unit	TYPHOON 100 125	TYPHOON 150 160
Current	(Amps)	0.13	0.22
Power	(W)	25	50
Voltage	(V/Hz)	220/50	220/50
Air Flow	(m <sup>3</sup> /h)	250	570
Air Pressure	(Pa)	190	305
Rotated Speed	(rpm)	2500	2600
Noise Level	(dB)	31	49
Weight	(Kg)	2	3

## DIMENSIONS :

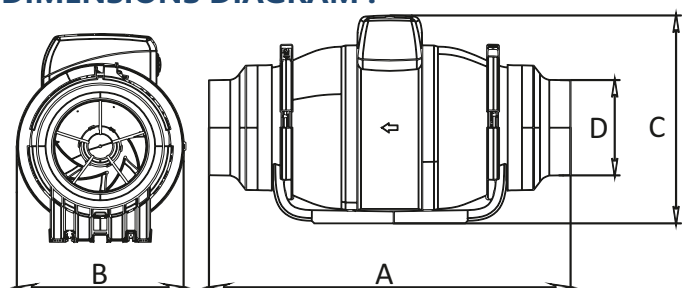
Measure	Typhoon 100 125	Typhoon 150 160
A	291	340
B	173	190
C	216	238
D	124	159

unit:mm

## CURVE GRAPH :



## DIMENSIONS DIAGRAM :





# Mix Flow Fan with EC Motor

**ASTBERG**  
VENTILATION

## STANDARD FEATURES:

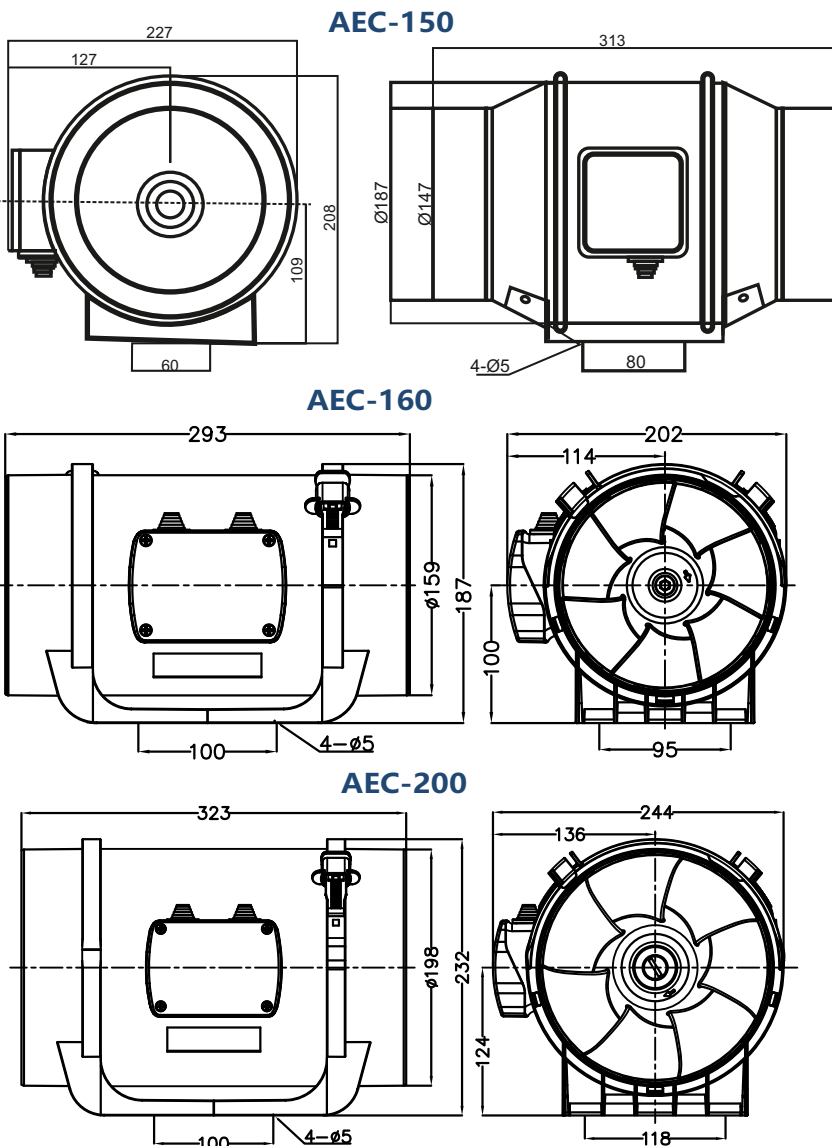
- Strong airflow and air pressure The unlimited frequency feature greatly increases the fan rotating speed; the small motor design increases the air supply area.
- High efficiency, low power Comparing to AC fan at the same size and same speed, EC fan has lower energy consumption.  
Speed controllable, 0-10V voltage controllable and PWM signal controllable
- 0-10V voltage controllable and PWM signal transferring.
- High controllability fan, with intelligent protection
- Vector control, with over-current protection, over-voltage protection, shake-proof protection, over-temperature protection, overload protection.
- High efficiency, long working life, low vibration and continuous working
- Operating Temperature range : -20°C~60°C



## PERFORMANCE PARAMETERS :

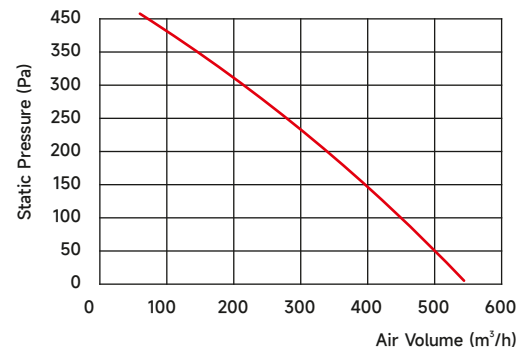
Model	Unit	AEC 150	AEC 160	AEC 200
Voltage	(V/Hz)	220/240	110/240	110/240
Current	(Amps)	0.35	1.4	1.0
Power	(W)	50	77	110
Air Flow	(m³/h)	20-530	20-798	20-1292
Air Pressure	(Pa)	350	542	485
Rotated Speed	(rpm)	2550	4330	3550
Weight	(kg)	1.8	2.0	2.7

## DIMENSIONS DIAGRAM :

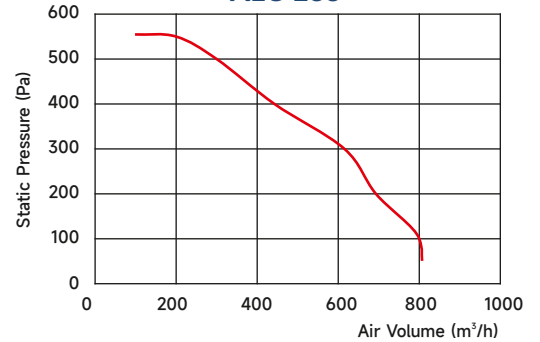


## CURVE GRAPH :

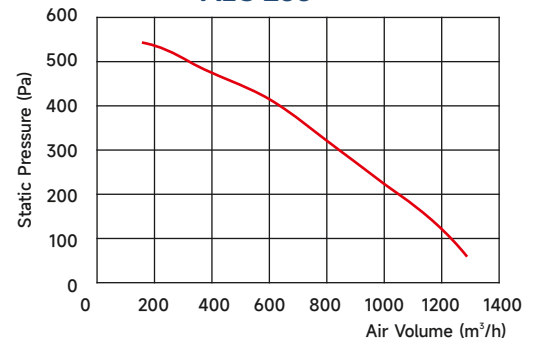
**AEC-150**



**AEC-160**



**AEC-200**





## PERFORMANCE PARAMETERS :

Model	Unit	AEE-100G	AEE-125G	AEE-150G	AEE-200G	AEE-250G	AEE-315G	AEE-400G
Voltage	(V/Hz)	220/50	220/50	220/50	220/50	220/50	220/50	220/50
Power	(W)	85	75	89	127	168	223	168
Air Flow	(m <sup>3</sup> /h)	290	370	740	1020	1050	1600	2500
Air Pressure	(Pa)	290	350	325	520	550	650	325
Speed	(RPM)	2500	2500	2500	2500	2500	2500	1580
Noise	(dB)	48	49	49	52	52	54	55
Weight	(kg)	3.8	3.9	5.4	6.2	6.2	8.5	17.8

## PRODUCT FEATURES :

- The steel casing ensures reliable operation of the fan in case of its outside installation.
- The motors are equipped with ball bearings for longer service life of the fan (50000 hours)
- Safe operation and low noise, each turbine is dynamically balanced. Motor ingress protection rating IP44
- Corrosion resistant body.

## SPECIFICATIONS :

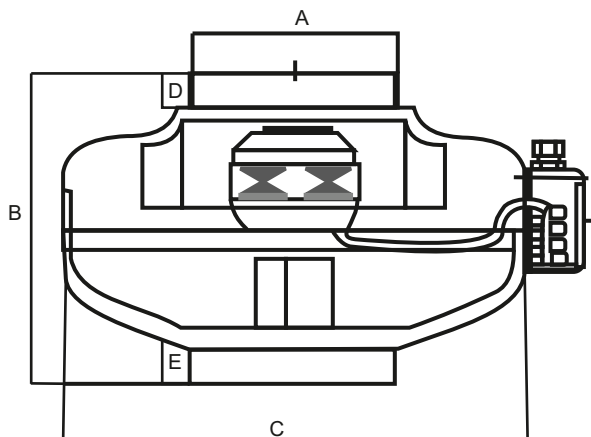
Supply and exhaust systems for various premises. The steel casing provides reliable operation in case of outdoor installation. For premises with high requirements to the noise level, we suggest units in low-noise modification . Circular Duct Fan are equipped with an energy-efficient motor with low energy demand. The motor is equipped with ball bearings for long service life .The impeller with backward curved blades is powered by the single phase motor with external rotor and overheating protection

## DIMENSIONS :

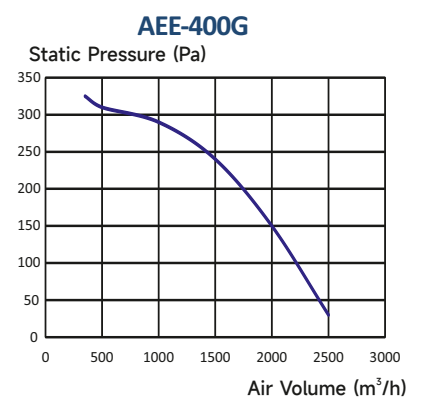
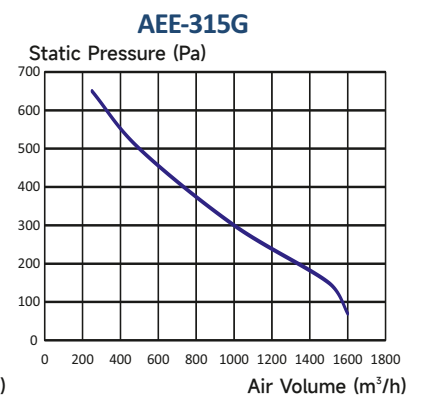
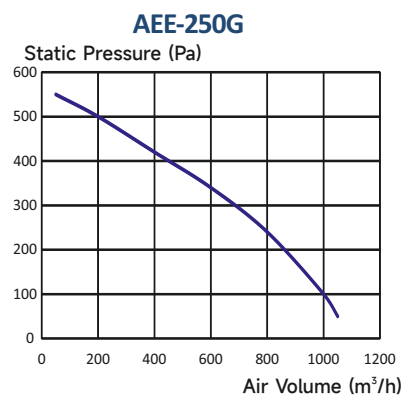
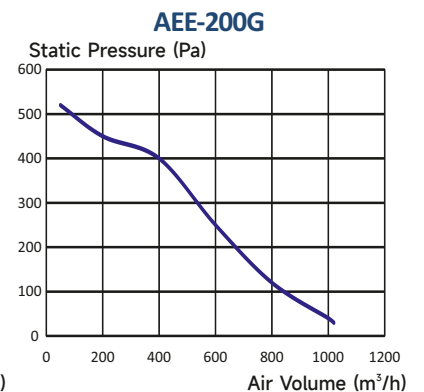
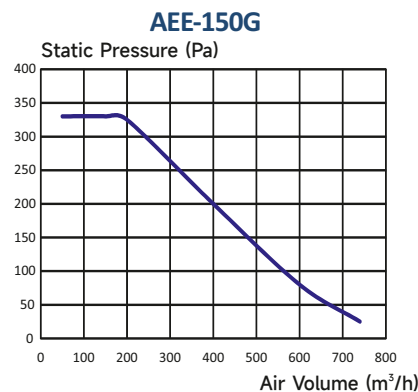
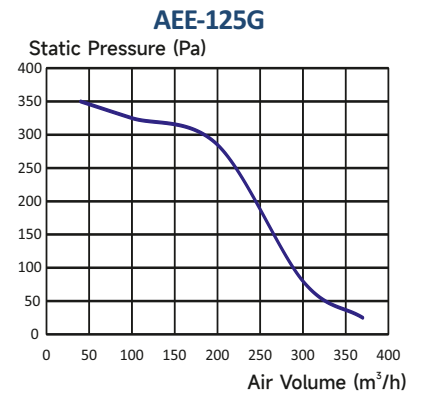
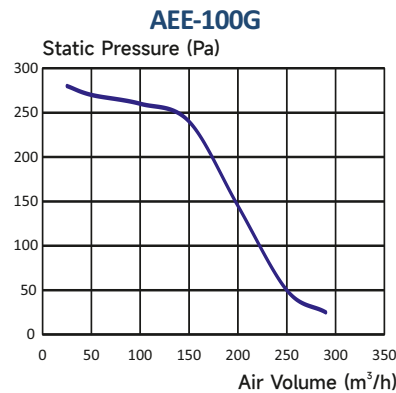
unit:mm

Model	A	B	C	D	E
AEE-100G	97.5	202	242	24	23
AEE-125G	123	224	242	24	27
AEE-150G	147	224	333	26.5	25.5
AEE-200G	198	224	333	27	26.5
AEE-250G	248	206	333	27	30
AEE-315G	315	233	401	26	25
AEE-400G	350	410	505	35	35

## DIMENSION DIAGRAM :



## CURVE GRAPH :





# Ceiling Mounted Fan ( Heavy Duty )

**ASTBERG**  
VENTILATION

## SPECIFICATIONS :

An efficient and powerful exhaust fan that facilitates optimal ventilation by effectively extracting exhaust fumes and unpleasant odours from various spaces such as washrooms, basements, attics, and more. The use of PVC (polyvinyl chloride) in the construction of fan bodies can offer several advantages.

## PERFORMANCE PARAMETERS :

Model	Unit	ASP 1001	ASE 1003	ASE 1501	ASE 1502	ASE 1503
Voltage	(V/Hz)	220/50	220/50	220/50	220/50	220/50
Current	(Amps)	0.25	0.12	0.4	0.4	0.4
Airflow	(m <sup>3</sup> /h)	170	200	270	270	300
Duct size	(inch)	4	4	6	6	6
Noise	(dB)	32	29	34	34	34
Air Pressure	(Pa)	120	150	170	170	180
Weight	(Kg)	3	3.6	4.5	4.5	4.5



**ASE-1501**

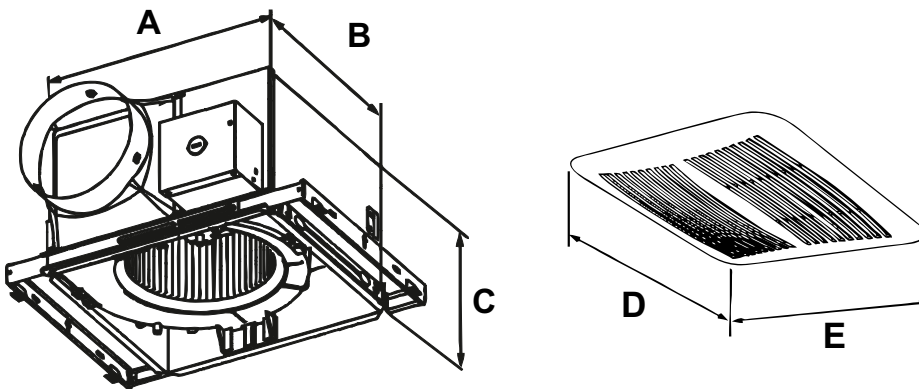


**ASP-1001**



**ASE-1003**

## DIMENSION DIAGRAM :



## DIMENSIONS :

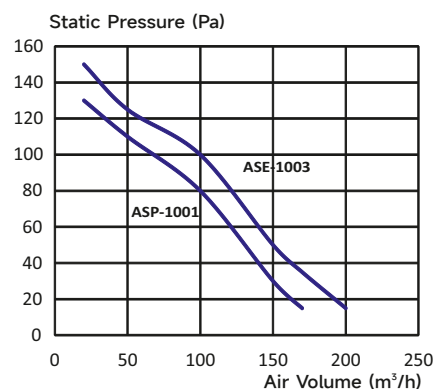
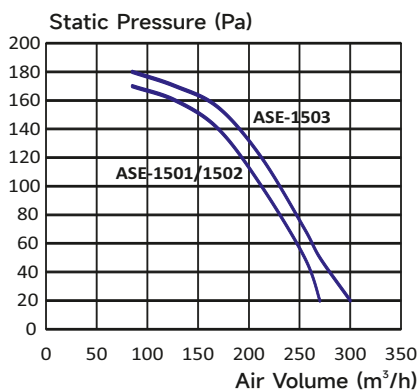
unit:mm

Model	A	B	C	D	E
ASP-1001	7 1/2"	7 1/4"	5 5/8"	8 3/4"	9 1/2"
ASE-1003	10 1.4"	10 1.4"	3 3/8"	13"	13 3/4"
ASE-1501	11 3/8"	10 1/2"	7 5/8"	13"	13 3/4"
ASE-1502	11 3/8"	10 1/2"	7 5/8"	13"	13 3/4"
ASE-1503	11 3/8"	10 1/2"	7 5/8"	13"	13 3/4"



**ASE-1502**

## CURVE GRAPH :



# Ceiling Mounted Fan

## SPECIFICATIONS :

An efficient and powerful exhaust fan that facilitates optimal ventilation by effectively extracting exhaust fumes and unpleasant odours from various spaces such as washrooms, basements, attics, and more. The use of PVC (polyvinyl chloride) in the construction of fan bodies can offer several advantages.

## PERFORMANCE PARAMETERS :

Model	Unit	APT10-21S	APT10-24SL	APT15-27SL
Voltage	(V/Hz)	220/50	220/50	220/50
Power	(W)	25	30	40
Air Flow	(m <sup>3</sup> /h)	150	200	300
Air Pressure	(Pa)	100	110	120
Noise	(dB)	33	35	33
Weight	(kg)	1.7	1.9	2.5

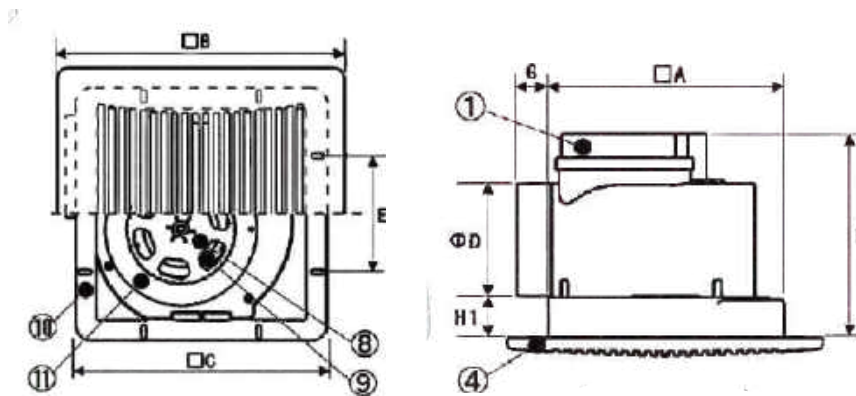


## DIMENSIONS :

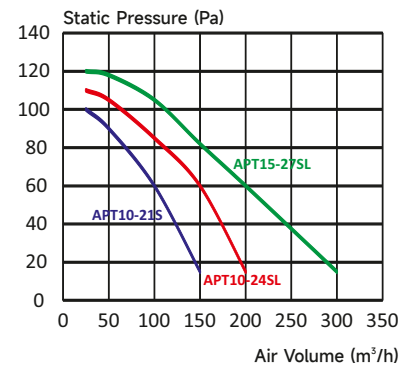
unit:mm

Model	A	B	C	D	E	G	H	H1
APT10-21S	205	275	241	100	110	22	180	35
APT10-24SL	234	298	270	100	140	22	180	35
APT10-27SL	264	330	300	150	140	22	210	35

## DIMENSION DIAGRAM :



## CURVE GRAPH :



# Integrated Ceiling Mounted Ventilation Fan (with Lighting)

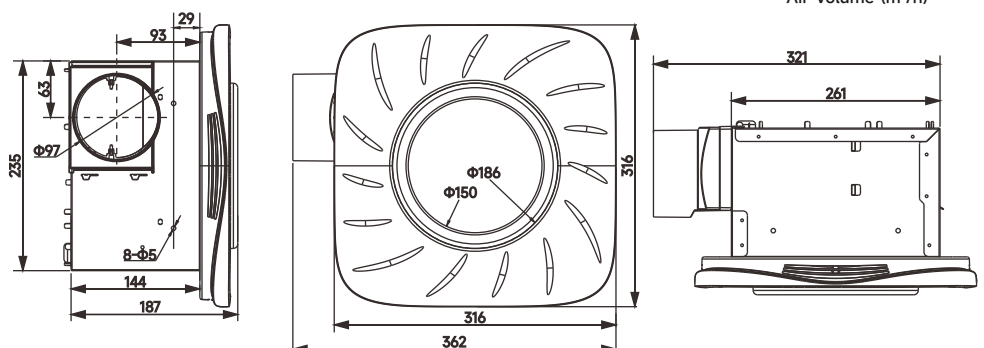
## PERFORMANCE PARAMETERS :

Model	Duct (inch)	Air Flow (m <sup>3</sup> /h)	Current (amp)	Noise (dB)	Power (w)	Fan Watts (w)	Light Watts (w)
ASL-1005	4	200	0.24	33	220/50	30	15



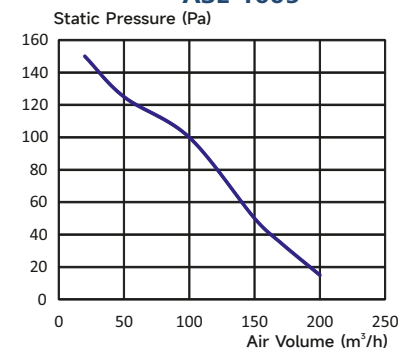
**WITH LED LIGHT**

## DIMENSION DIAGRAM :



## CURVE GRAPH :

**ASL-1005**





# AHI-SD Series Fan

## SPECIFICATIONS :

Adapted to any circumstance where strong ventilation is required, such as Metallurgy, Light Industry, Chemical Industry, Food Factory, Medical Equipment, Mechanical Equipment or Residential, Commercial buildings; It is also adapted to air cooling systems.

## SPECIAL FEATURES :

- All models incorporate strong EC brushless motor for free speed control and lower energy consumption.
- Low profile and light weight : the fan casings are manufactured from pure ABS with straight design, it's double insulation.
- High performance : small fan body with big airflow and air pressure.
- Firm and safe installation : concave-convex design to both ends which can increase force of friction during duct connections.
- Working temperature range : -20°C to +60°C



## PERFORMANCE PARAMETERS :

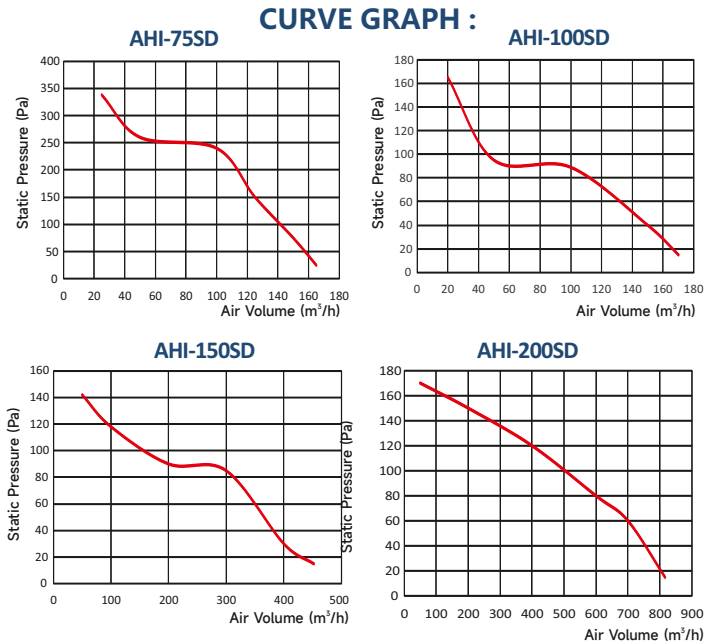
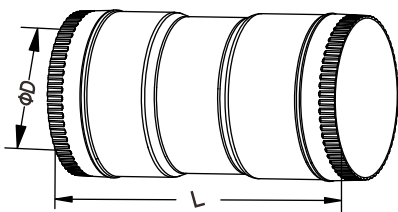
Model	Unit	AHI-75SD	AHI-100SD	AHI-150SD	AHI-200SD
Voltage	(V/Hz)	24	24	24	24
Current	(amp)	0.9	0.25	0.8	1.85
Power	(W)	21.6	6	20	44.4
Speed	(rpm)	9500	4500	3300	2500
Air Flow	(m³/h)	165	170	452	816
Air Pressure	(Pa)	338	165	142	171
Weight	(Kg)	0.23	0.59	0.83	1.0

## DIMENSIONS :

unit:mm

Model	AHI-75SD	AHI-100SD	AHI-150SD	AHI-200SD
∅D	73	98	148	197
L	120	185	185	185

## DIMENSION DIAGRAM :



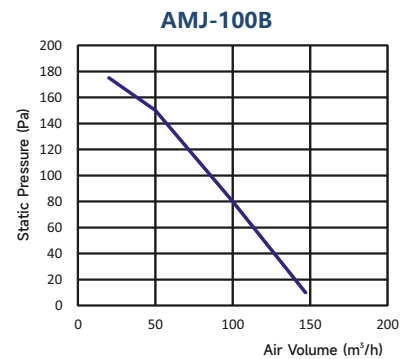
# AMJ Series Fan



## PERFORMANCE PARAMETERS :

Model	Unit	AMJ 100 B
Airflow	(m³/h)	147
Air Pressure	(Pa)	170
Speed	(rpm)	2600
Voltage	(V)	220-240/50
Current	(Amps)	0.25
Power	(W)	36
Weight	(Kg)	0.98

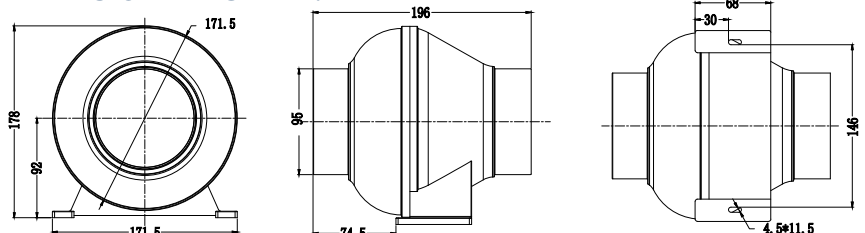
## CURVE GRAPH :



## SPECIAL FEATURES :

- Motor: Shaded pole motor, double ball bearings.
- Small volume, light weight. Low noise level: up to 30dB.
- Easy installation: fitted bracket for easy installation without any disassembly before or after installation.
- Operation temperature range: -20°C-60°C.

## DIMENSION DIAGRAM :



# AHA Series Fan

## SPECIFICATIONS :

This Powerful exhaust fan is designed to ventilate warehouses, workshops, greenhouses, sheds, chicken coops etc. It's wall/window mounted with steel shutters, which are corrosion resistant and automatically close when fan stops working to protect the houses from outside dust and liquids.

## SPECIAL FEATURES :

- Eco-Watt Motor : high efficiency and energy saving.
- Free Speed Control : 0-10V voltage speed control and PWM signal speed control.
- The blade is made of lightweight aluminum.
- Three louvers are made of commercial-grade metal, coated with matt black painting.
- High airflow but lower power consumption.
- Lower noise operation.
- Available Specification of Fan Diameter : 250mm, 300mm, 350mm.



## PERFORMANCE PARAMETERS :

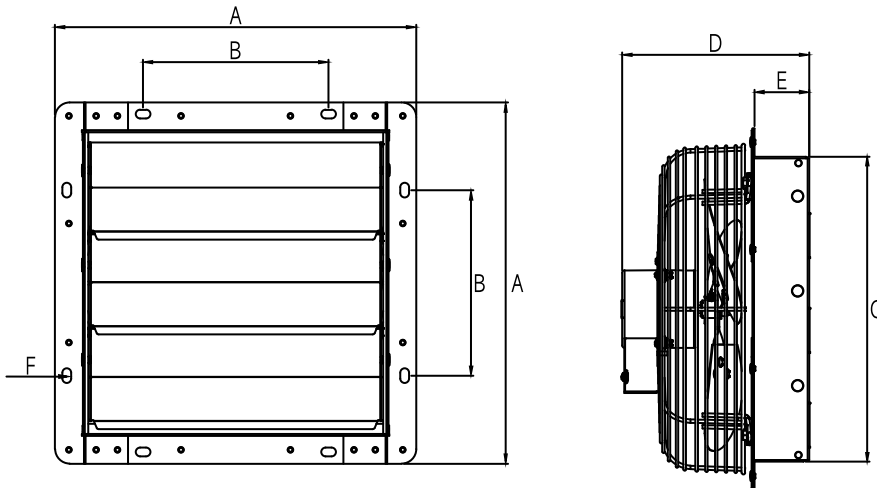
Model	Unit	AHA-12	AHA-14	AHA-16
Voltage	(V/Hz)	220/50	220/50	220/50
Current	(amp)	0.13	0.17	0.21
Power	(W)	30	33	46
Speed	(rpm)	1400	1400	1400
Air Flow	(m <sup>3</sup> /h)	590	710	1180
Air Pressure	(Pa)	30	48	59

## DIMENSIONS :

unit:mm

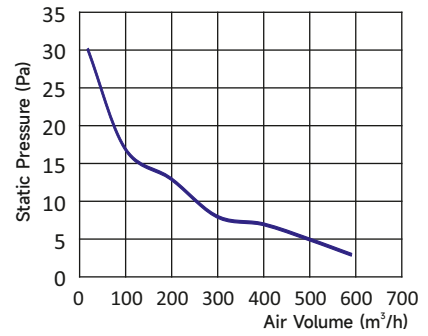
Model	A	B	C	D	E	F
AHA-12	314	174	269	170	49	15*9
AHA-14	370	190	312	193	56	15*9
AHA-16	420	235	354	185	48	15*9

## DIMENSION DIAGRAM :

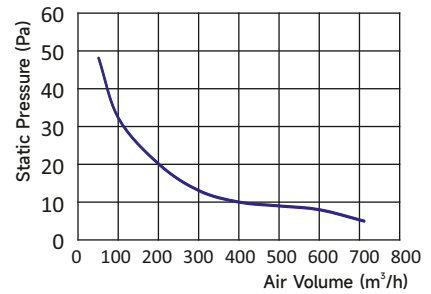


## CURVE GRAPH :

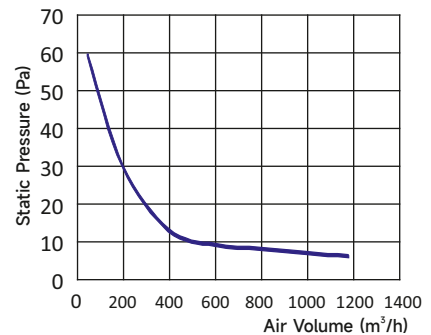
AHA-12



AHA-14



AHA-16



# Kitchen Fan

## SPECIFICATIONS :

The mini cube fan features a metal body and panel with a smooth duct and large impeller for high air volume and low noise. It has a high-performance motor with durable ball bearings for long life, energy efficiency, and easy maintenance. Its snap-joint design allows for simple installation and a perfect seal. It offers high pressure, low noise, and easy integration into confined spaces. Weatherproof, with 24-hour running capacity and low noise levels

## PERFORMANCE PARAMETERS :

Model	Unit	AHT15-34	AHT20-55A	AHT20-65B
Voltage	(V/Hz)	220/50	220/50	220/50
Rated power	(W)	55	110	235
Airflow	(m <sup>3</sup> /h)	450	800	1500
Static pressure	(Pa)	170	220	335
Noise	(dB)	48	50	41
Weight	(kg)	4.5	8.0	8.0
Duct size	(mm)	150	200	200
Machine size	(mm)	298x215x278	350x280x360	350x280x360

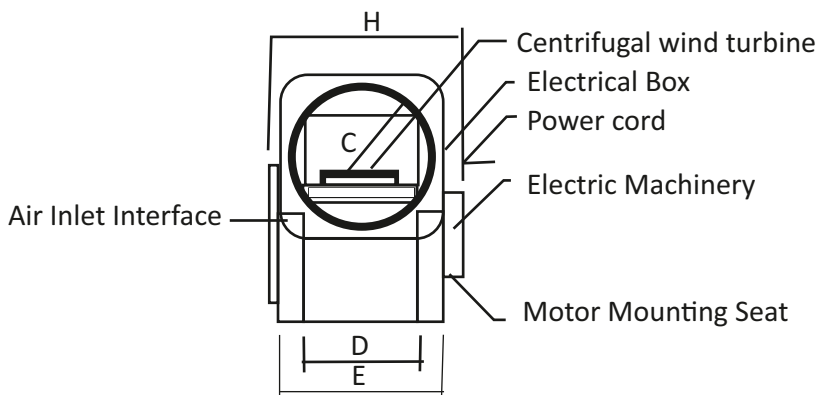
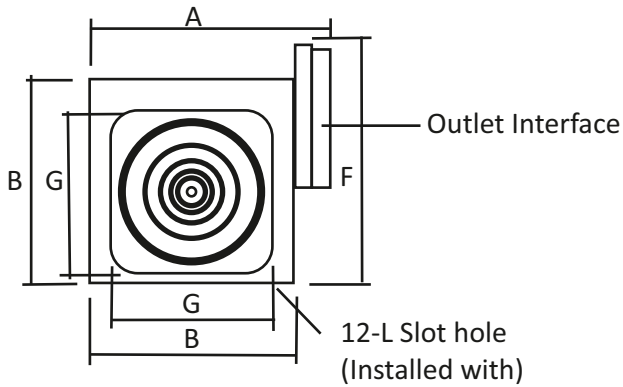


## DIMENSIONS :

unit:mm

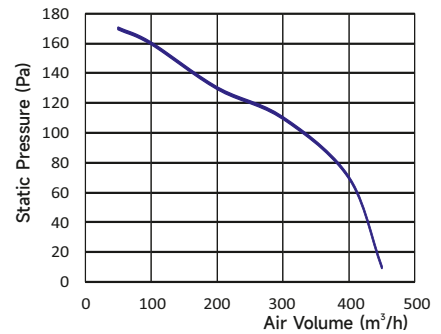
Model	A	B	C	D	E	F	G	H	L
AHT15-34	298	220	145	142	179	278	160	215	9X19
AHT20-55A	350	290	198	198	235	360	235	280	11X21
AHT20-65B	350	290	198	198	235	360	235	280	11X21

## DIMENSION DIAGRAM :

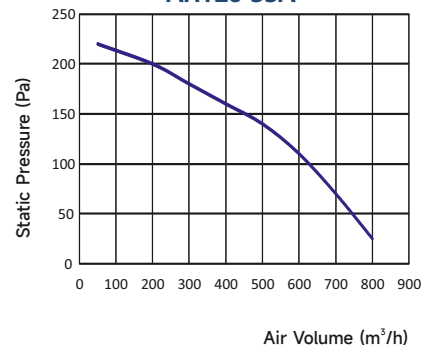


## CURVE GRAPH :

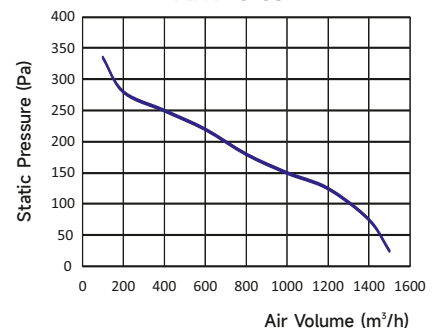
**AHT15-34**



**AHT20-55A**



**AHT20-65B**





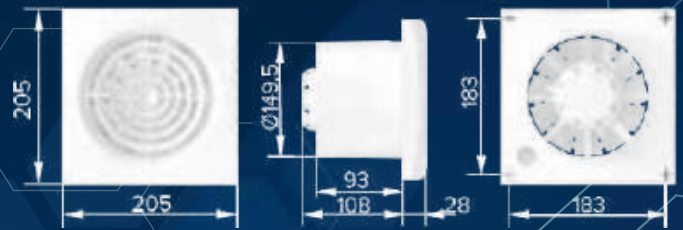
## AURA 6C-03



### PERFORMANCE PARAMETERS :

Model	Unit	Aura 6C
Diameter	(mm)	149.5
Power	(W)	17/20
Capacity	(m3/h)	225/320
Air Pressure	(Pa)	50/95
Noise	(dB)	28/33
Current	(amp)	0.08/0.09

### DIMENSION DIAGRAM :



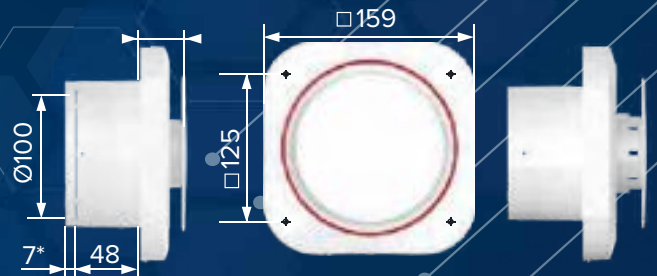
## DISC -4C



### PERFORMANCE PARAMETERS :

Model	Unit	Disc 4C
Diameter	(mm)	100
Power	(W)	17
Capacity	(m3/h)	105/80
Air Pressure	(Pa)	45/28
Noise	(dB)	35
Current	(amp)	0.07

### DIMENSION DIAGRAM :



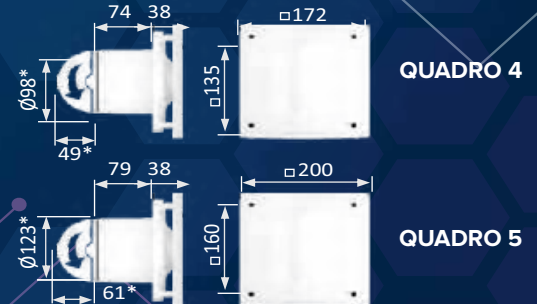
## QUADRO-4/5C



### PERFORMANCE PARAMETERS :

Model	Unit	Quadro 4C	Quadro 5C
Diameter	(mm)	98	123
Power	(W)	14	16
Capacity	(m3/h)	90	140
Air Pressure	(Pa)	31	38
Noise	(dB)	35	36
Current	(amp)	0.06	0.07

### DIMENSION DIAGRAM :



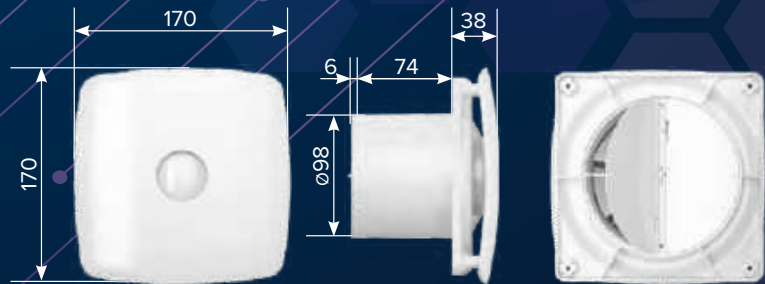
## RIO-4C



### PERFORMANCE PARAMETERS :

Model	Unit	Rio 4C
Diameter	(mm)	98
Power	(W)	14
Capacity	(m3/h)	100
Air Pressure	(Pa)	32
Noise	(dB)	32
Current	(amp)	0.6

### DIMENSION DIAGRAM :



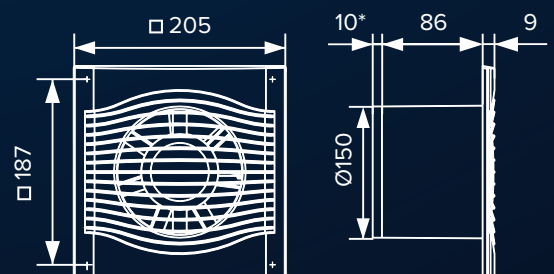
## SLIM-6C



### PERFORMANCE PARAMETERS :

Model	Unit	Slim 6C
Diameter	(mm)	150
Power	(W)	10
Capacity	(m3/h)	250
Air Pressure	(Pa)	54
Noise	(dB)	33
Current	(amp)	0.05

### DIMENSION DIAGRAM :



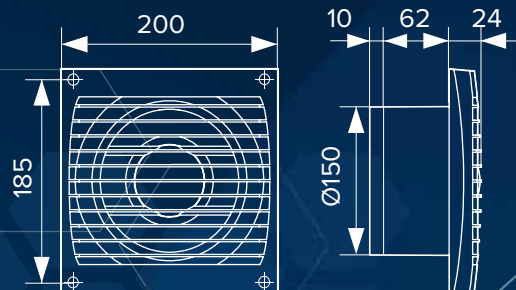
## ERA 6C



### PERFORMANCE PARAMETERS :

Model	Unit	Era 6C
Diameter	(mm)	150
Power	(W)	16
Capacity	(m3/h)	290
Air Pressure	(Pa)	42
Noise	(dB)	38
Current	(amp)	0.07

### DIMENSION DIAGRAM :



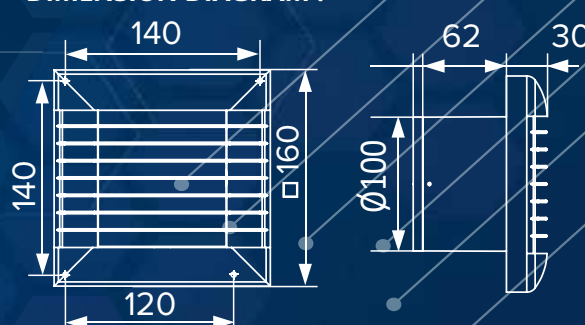
## EURO-4A



### PERFORMANCE PARAMETERS :

Model	Unit	Euro 4A
Diameter	(mm)	100
Power	(W)	14
Capacity	(m3/h)	85
Air Pressure	(Pa)	33
Noise	(dB)	35
Current	(amp)	0.06

### DIMENSION DIAGRAM :



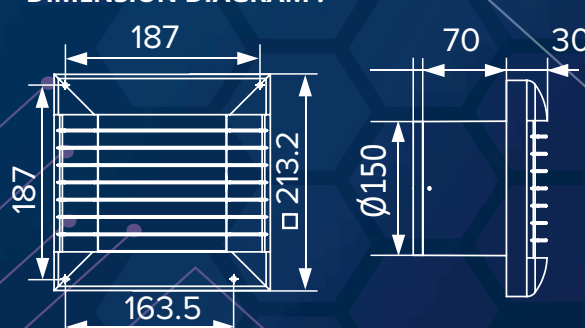
## EURO-6A



### PERFORMANCE PARAMETERS :

Model	Unit	Euro 6A
Diameter	(mm)	150
Power	(W)	16
Capacity	(m3/h)	230
Air Pressure	(Pa)	52
Noise	(dB)	38
Current	(amp)	0.07

### DIMENSION DIAGRAM :



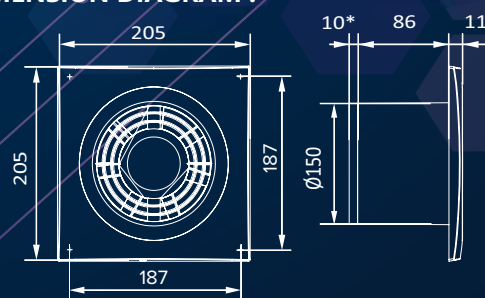
## NEO-6SC



### PERFORMANCE PARAMETERS :

Model	Unit	Neo 6SC
Diameter	(mm)	150
Power	(W)	16
Capacity	(m3/h)	250
Air Pressure	(Pa)	54
Noise	(dB)	38
Current	(amp)	0.07

### DIMENSION DIAGRAM :



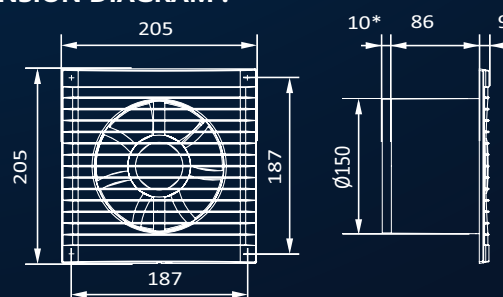
## E-150SC



### PERFORMANCE PARAMETERS :

Model	Unit	E 150SC
Diameter	(mm)	150
Power	(W)	16
Capacity	(m3/h)	250
Air Pressure	(Pa)	54
Noise	(dB)	38
Current	(amp)	0.07

### DIMENSION DIAGRAM :



**Disk Diffuser**



Model	ADD 75	ADD 100	ADD 125	ADD 150	ADD 200
Size	75	100	125	150	200

unit:mm

**3 Step Diffuser**

Model	ASD 100	ASD 150
Size	100	150

unit:mm



**Rotating Grill Diffuser**



Model	ARD 100	ARD 150
Size	100	150

unit:mm

**Round Grill**

Model	ARG 75	ARG 100	ARG 125	ARG 150	ARG 200
Size	75	100	125	150	200

unit:mm

Color Options : White | Grey



**Y Joint PVC**



Model	AYJ 100	AYJ 150
Size	100	150

unit:mm

**Outer Steel Cowl**

Model	ASC 100	ASC 150	ASC 200	ASC 250
Size	100	150	200	250

unit:mm

Color Options : Steel Finish | Grey Paint



**Outer Steel Cowl (Powder Coated)**



Model	ASC 100P	ASC 150P	ASC 200P
Size	100	150	200

unit:mm



## Accessories

**ASTBERG**  
VENTILATION

### ABS Wall Cowl



			unit:mm	
Model	AWC 100	AWC 150		
Size	100	150		

### Outer Flat Grill

			unit:mm	
Model	ASG 100	ASG 150		
Size	100	150		

Color Options : Steel Finish | Grey Paint



### Varanda Grill



			unit:mm	
Model	AVG 100	AVG 150		
Size	100	150		

### ABS Pre Filter

			unit:mm	
Model	APF 100	APF 150		
Size	100	150		



### ABS Ball Jet Nozzle



					unit:mm
Model	AEB 75	AEB 100	AEB 150	AEB 200	
Size	75	100	150	200	

Model	AEB 250	AEB 315	AEB 350	AEB 400
Size	250	315	350	400

### Gravity Damper

					unit:mm
Model	AGD 80	AGD 110	AGD 150	AGD 200	
Size	80	110	150	200	



### Air Purification Box



					unit:mm
Model	APB 100	APB 150	APB 200	APB 250	
Size	100	150	200	250	

Also Available with : U.V. Light

## Accessories

### ABS Air Volume Control Valve



Model	AVC 100	AVC 150	AVC 200
Size	100	150	200

unit:mm

### Beam Crosser Lantel Device Adaptor

Model	ABC 100	ABC150
Size	100	150

unit:mm



### Aluminium Flexible Duct



Model	ALM 100	ALM 125	ALM 150	ALM 200	ALM 250
Size	100	125	150	200	250

unit:mm

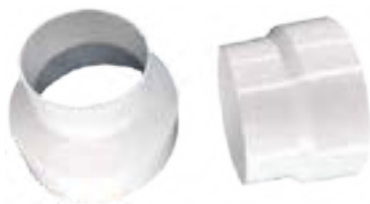
### PVC Flexible Duct

Model	AFD 100	AFD 150	AFD 200	AFD 250	AFD 315
Size	100	150	200	250	315

unit:mm



### ABS Reducer



Model	ARD150-100	ARD200-150	ARD250-200	ARD315-250
Size	150-100	200-150	250-200	315-250

unit:mm

### Noise Reducer

Model	ANR 100	ANR 150	ANR 200
Size	100	150	200

unit:mm



### PVC Clamps



Model	ACL 100	ACL 150	ACL 200	ACL 250	ACL 315
Size	100	150	200	250	315

unit:mm

## Accessories

### Steel Grip Clamp



Model	ASL100	ASL 150	ASL 200	ASL 250	ASL 315
Size	100	150	200	250	315

unit:mm

### ABS Oblique Air Grill

Model	AOG 75	AOG 100	AOG 150	AOG 200
Size	75	100	150	200

unit:mm



### ABS Fancy Air Grill



Model	AFG 100	AFG 150
Size	100	150

unit:mm

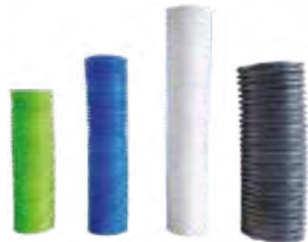
### Branch Box

Model	Material	SUPERVISOR SIZE	BRANCH SIZE
ABB 150-7	PVC	150	75
Model	Material	SUPERVISOR SIZE	BRANCH SIZE
ABB 200-8	Metal-Black	200	75

unit:mm



### Double Corrugated Pipe



Model	APE 75	APE 110
Size	75	110

unit:mm

### ABS Reducer

Model	ARD 100-75 PE
Size	100-75

unit:mm



### Connectors



Item	AJT 75	AYJ 100X100X75 PE	AYJ 100X75X75 PE
Size	75	100X100X75	100X75X75

unit:mm



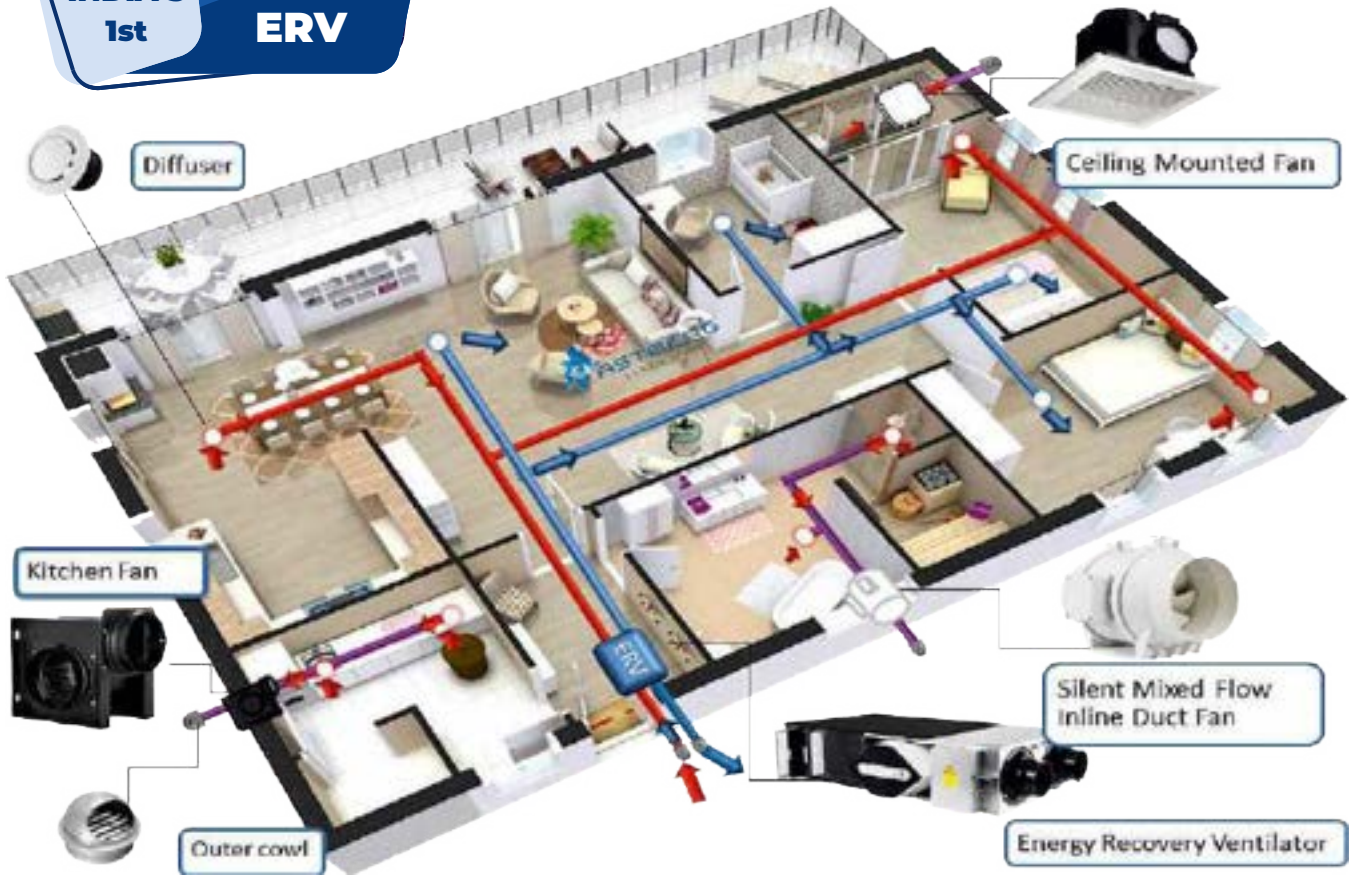
**INDIA'S  
1st** **HYBRID  
ERV**

**ASTBERG**  
VENTILATION

A photograph of a man with a beard, wearing a grey t-shirt, sitting on a couch and lifting a baby into the air. The baby is wearing a white shirt and blue overalls. They are both smiling and looking at each other. The background is a blurred indoor setting.

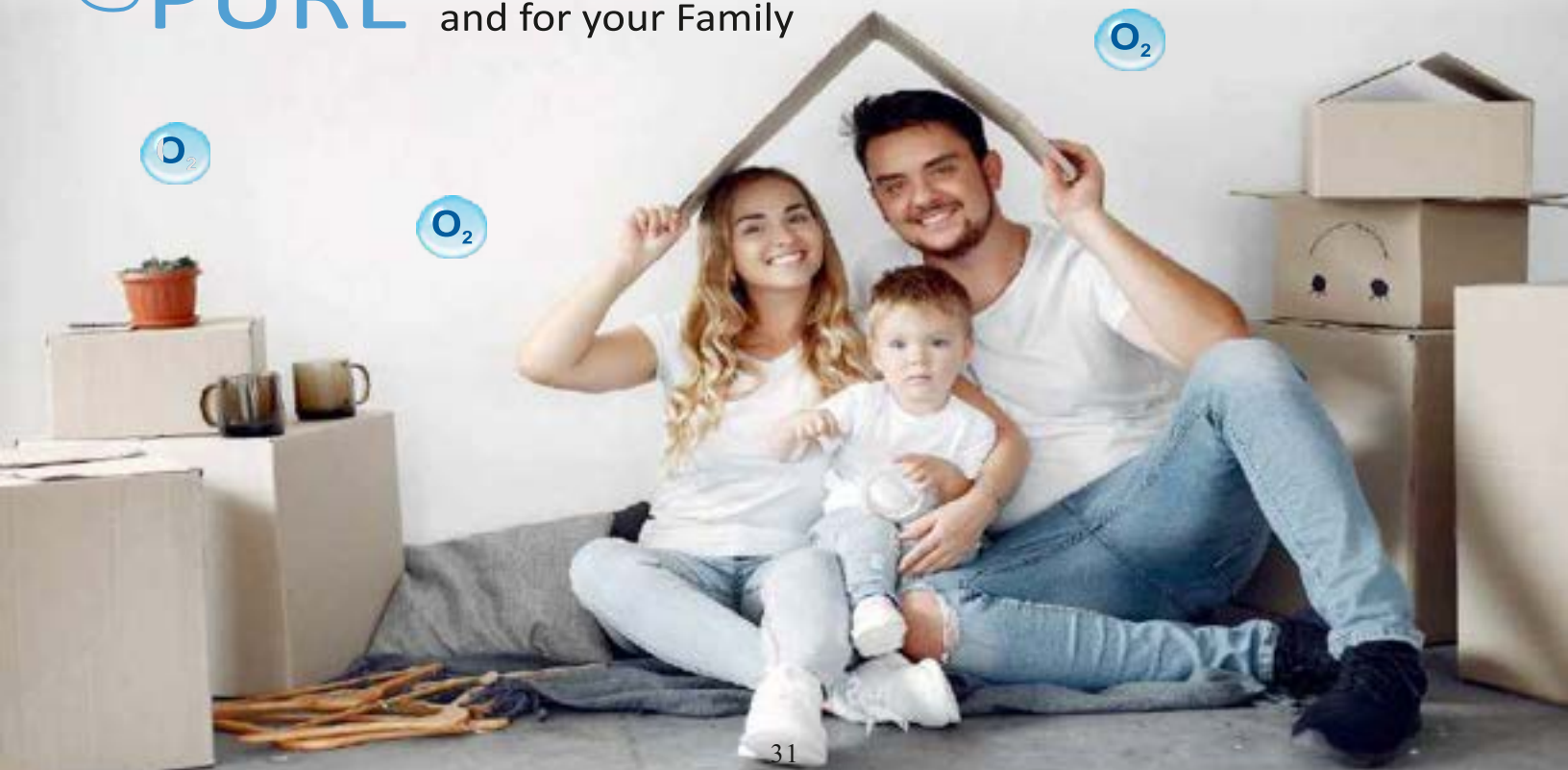
**HEALTHY AIR !  
HEALTHY LIFE !**

INDIA'S  
1st  
HYBRID  
ERV



# ENJOY FRESH AIR INDOOR

**PURE** Air for your Health  
and for your Family





# Mechanical Ventilation Heat/Energy Recovery

ENJOY ENERGY-SAVING  
FRESH AIR



ASTBERG  
VENTILATION

### Intimate humidity adjusting

According to the indoor and outdoor relative humidity. Automatic regulation of air replacement rate. Ensure that indoor air with optimum humidity

### Efficient energy recovery

Through heat exchange of the exchange core. Realization of energy recovery from air conditioning or heating equipment

### Create a comfortable and quiet environment

Using high quality insulation material combined with optimization design of the impeller and air duct. Effectively reduce indoor noise

### Design philosophy-energy saving & long life

Upon the application of energy-saving motor effectively control rise in temperature and ensure long time operation and reduction of CO2 emission.

### Ultrafine particulate filter

Fresh air into the indoor has been efficiently filtered good performance of filtration ensures the indoor air highly clean



ASTBERG  
VENTILATION

ASTBERG UDMSHK@SHNMOUS- KSC-

Toll Free No. : 1800 572 7801  
info@astbergventilation.com  
www.astbergventilation.com



### Healthy living Green Space

ASTBERG companion brings you a pure natural and quiet exclusive space.

Enjoy Fresh and healthy air inside your home.