



SYSTEMAIRE

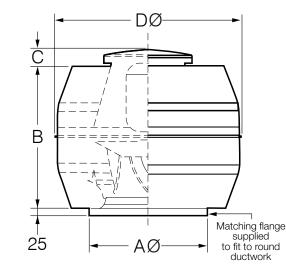
KITCHEN EXHAUST FANS



Systemaire commercial kitchen exhaust fans provide powerful performance, energy efficiency and quiet operation. They have been designed and tested by our own Fantech engineering team and have proven to be up to 9dB(A) quieter, and produce up to 35% more air flow than other equivalent kitchen exhaust fans.

These high performance kitchen exhaust fans are available in 250, 300, 380 and 460mm fan inlet sizes.

- Can produce up to 88% more pressure and be up to 9dB(A) quieter than equivalent kitchen exhaust fans currently on the market.
- Greater number of drainage holes included around base to prevent water build-up.
- Lightweight design for easier handling and installation.
- Supplied with matching flange for quick installation to suit standard round Spiro duct.
- Can be used with smaller duct sizes as the fan can handle high pressure levels.
- Designed to handle clean air, grease laden air, toxic and noxious gases.
- Advanced mixed flow impeller design provides high air flow performance with low noise levels.
- Designed for small to medium sized commercial kitchens in restaurants, cafés and take away food outlets.

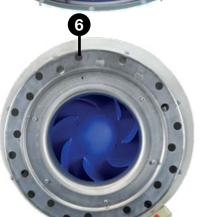


MODEL NO.	А	в	с	D	APPROX. WEIGHT KG*
KU_25	260	443	53	580	14
KU_30.L	312	443	53	580	14
KU_30	312	554	16	730	22
KU_38	384	554	39	730	27
KU_46	464	554	64	730	30

Dimensions in mm

* Unit weights depend on the make of motor used. If critical this should be referred to our sales department at time of order.





COMPONENTS

- **1** Aerodynamic shaped cowl for smoother air flow, reduced turbulence and increased fan performance.
- **2** Weather and contaminant proof enclosure for maximum motor protection.
- **3** Smaller exhaust opening than traditional kitchen exhausts fans reduces exposure to rain.
- 4 Removable wind band for easy cleaning and maintenance.
- **5** High performance mixed flow impeller provides quieter operation with better air flow and higher pressure development.
- **6** Greater number of drainage holes included around base to prevent water build up.

NODE NO. REV/SEC JSC NTM Phase NT Attrix of the sound of the s	MODEL NO.	FAN SPEED	L/SEC*	M³/HR*	Phase	ĸw	AMPS	AVG. dB(A) @3M	
XUE25A 24 480 1728 Single 0.18 1.4 47 51 XUD304 24 700 2520 Three 0.25 0.75 48 50 XUB304 24 700 2520 Single 0.18 1.4 45 49 XUB304 24 700 2520 Single 0.18 1.4 45 49 XUB304 24 800 2880 Three 0.25 0.75 44 48 XUB304 24 800 2880 Three 0.25 1.32 24 38 XUB304 24 800 2880 Single 0.18 1.4 45 50 XUB304 24 800 2880 Single 0.18 1.4 45 50 XUB304 24 1640 5940 Three 0.37 1.94 61 63 64 XUB304 16 1000 600 <t< th=""><th></th><th>INLET SOUND</th><th>OUTLET SOUND</th></t<>								INLET SOUND	OUTLET SOUND
xub3oki 24 700 2520 Three 0.25 0.75 46 50 xub3oki 24 700 2520 Single 0.18 1.4 45 49 xub3oki 24 800 2880 Three 0.25 0.75 44 48 xub3oki 24 800 2880 Three 0.25 1.32 94 98 xub3oki 24 800 2880 Single 0.18 1.4 45 50 xub3oki 24 800 2880 Single 0.18 1.4 45 50 xub3oki 24 800 2880 Single 0.18 1.4 45 50 xub3oki 24 1600 5940 Three 0.37 1.94 51 55 xub3oki 16 1000 3600 Single 0.37 2.5 40 41 xub3oki 24 250 8100 Three </th <th>KUD254</th> <th>24</th> <th>480</th> <th>1728</th> <th>Three</th> <th>0.25</th> <th>0.75</th> <th>44</th> <th>48</th>	KUD254	24	480	1728	Three	0.25	0.75	44	48
KUE30A 24 700 2520 Single 0.18 1.4 45 49 KUD304 24 800 2800 Three 0.25 0.75 44 48 KUD304 16 500 1800 Three 0.25 1.32 34 38 KUD304 24 800 2800 Single 0.18 1.4 45 48 KUD304 24 800 2800 Single 0.25 1.32 34 38 KUD304 24 800 2800 Single 0.18 1.4 45 50 KUD304 24 800 2800 Single 0.18 1.4 45 50 KUD304 24 1600 500 Three 0.37 1.32 41 45 KUD305 240 250 8100 Three 0.37 2.5 40 41 KUB305 16 1300 478 Three	KUE254	24	480	1728	Single	0.18	1.4	47	51
KUD304 24 800 2880 Three 0.25 0.75 44 48 KUD306 16 500 1800 Three 0.25 1.32 34 38 KUD306 16 500 1800 Three 0.25 1.32 34 38 KUD306 16 500 2880 Single 0.18 1.4 45 50 KUD306 16 500 1800 Single 0.25 2.5 36 40 KUD306 16 500 1800 Single 0.25 1.94 51 56 KUD306 16 1000 3600 Three 0.37 1.32 41 45 KUD306 16 1000 3600 Single 0.37 2.5 40 41 KUD406 1300 4788 Three 0.37 1.32 42 48 KUD406 16 1300 4788 Three 0.37	KUD304L	24	700	2520	Three	0.25	0.75	46	50
KUB306 16 500 1800 Three 0.25 1.32 34 38 KUB304 24 800 2880 Single 0.18 1.4 45 50 KUB304 24 800 2880 Single 0.18 1.4 45 50 KUB304 16 500 1800 Single 0.25 2.5 36 40 KUB304 24 1640 5940 Three 0.37 1.94 51 56 KUB304 16 1000 3600 Three 0.37 1.32 41 45 KUB304 16 1000 3600 Single 0.37 2.5 40 41 KUB404 24 250 8100 Three 0.37 2.5 40 41 KUB404 24 250 8100 Three 0.37 1.32 42 48 KUB404 24 250 8100 Three	KUE304L	24	700	2520	Single	0.18	1.4	45	49
KUE304 24 800 2880 Single 0.18 1.4 45 50 KUE306 16 500 1800 Single 0.25 2.5 36 40 KUE306 24 1640 5940 Three 0.75 1.94 51 56 KUE384 24 1640 5940 Three 0.75 1.94 51 56 KUE384 24 1640 5940 Three 0.37 1.32 41 45 KUE384 24 1640 5940 Single 0.37 2.5 40 41 KUE384 24 2500 8100 Three 0.37 2.5 40 41 KUE484 24 2500 8100 Three 0.37 1.32 42 48 KUE484 24 2500 8100 Three 0.37 1.32 42 48 KUE484 24 2500 8100 Three	KUD304	24	800	2880	Three	0.25	0.75	44	48
KUE306 16 500 1800 Single 0.25 2.5 36 40 KUD384 24 1640 5940 Three 0.75 1.94 51 56 KUD386 16 1000 3600 Three 0.37 1.32 41 45 KUE386 16 1000 3600 Single 0.37 1.32 40 45 KUE386 16 1000 3600 Single 0.37 2.5 40 41 KUE386 16 1000 3600 Single 0.37 2.5 40 41 KUE484 24 2250 8100 Three 0.37 1.32 42 48 KUE484 24 2250 8100 Single 0.37 1.32 42 48 KUE484 24 2250 8100 Single 1.1 6.6 53 59	KUD306	16	500	1800	Three	0.25	1.32	34	38
xUD384 24 1640 5940 Three 0.75 1.94 51 56 xUD386 16 1000 3600 Three 0.37 1.32 41 45 xUE386 24 1640 5940 Single 0.75 4.8 50 54 xUE386 16 1000 3600 Single 0.37 2.5 40 41 xUE386 16 1000 3600 Single 0.37 2.5 40 41 xUE386 16 1300 4788 Three 0.37 1.32 42 48 xUE464 24 2250 8100 Three 0.37 1.32 42 48 xUE464 24 2250 8100 Single 1.1 6.6 53 59	KUE304	24	800	2880	Single	0.18	1.4	45	50
xUD3861610003600Three0.371.324145xUE3842416405940Single0.754.85054xUE3861610003600Single0.372.54044xUE4642422508100Three1.12.575460xUE4642422508100Single0.371.324248xUE4642422508100Single1.16.65359	KUE306	16	500	1800	Single	0.25	2.5	36	40
XUE384 24 1640 5940 Single 0.75 4.8 50 54 XUE386 16 1000 3600 Single 0.37 2.5 40 44 XUE464 24 2250 8100 Three 1.1 2.57 54 60 XUE464 16 1330 4788 Three 0.37 1.32 42 48 XUE464 24 2250 8100 Single 1.1 6.6 53 59	KUD384	24	1640	5940	Three	0.75	1.94	51	56
KUE386 16 1000 3600 Single 0.37 2.5 40 44 KUD464 24 2250 8100 Three 1.1 2.57 54 60 KUD466 16 1330 4788 Three 0.37 1.32 42 48 KUE464 24 2250 8100 Single 1.1 6.6 53 59	KUD386	16	1000	3600	Three	0.37	1.32	41	45
KUD464 24 2250 8100 Three 1.1 2.57 54 60 KUD466 16 1330 4788 Three 0.37 1.32 42 48 KUD466 24 2250 8100 Single 1.1 6.6 53 59	KUE384	24	1640	5940	Single	0.75	4.8	50	54
KUD466 16 1330 4788 Three 0.37 1.32 42 48 KUE464 24 2250 8100 Single 1.1 6.6 53 59	KUE386	16	1000	3600	Single	0.37	2.5	40	44
KUE464 24 2250 8100 Single 1.1 6.6 53 59	KUD464	24	2250	8100	Three	1.1	2.57	54	60
	KUD466	16	1330	4788	Three	0.37	1.32	42	48
KUE466 16 1330 4788 Single 0.37 2.5 43 49	KUE464	24	2250	8100	Single	1.1	6.6	53	59
	KUE466	16	1330	4788	Single	0.37	2.5	43	49

* Air flows are approximate only and based on 30 Pa static pressure.

CONTROLS FOR SYSTEMAIRE KITCHEN EXHAUST FANS

VARIABLE SPEED DRIVES

DANFOSS VLT - HVAC BASIC



The VLT - HVAC Basic is a dedicated drive that is easy to install, and features a trouble-free set up which ensures it is fast and efficient to commission. It incorporates a highly effective heat management system that makes it ideal for demanding environments and where drive space is restricted.

FEATURES

- User friendly interface with start-up wizard for quick and easy configuration.
- Integrated PI controller for smooth variable speed control.
- EMC filters to remove electromagnetic interference and lower harmonic levels.
- Fire mode function with quick start wizard.
- Available as IP54 rated.

DANFOSS VLT - MICRO



The VLT - Micro drive has been designed for applications where simplicity and efficiency are key requirements. The compact size of the enclosure with forced cooled heat sink allows the drive to be installed into confined spaces.

FEATURES

- Interface with start-up wizard for quick and easy configuration.
- EMC filters to remove electromagnetic interference and lower harmonic levels.
- Available as IP20 (with optional IP21 kit).
- Optional 1ph input to 3 phase output (0.18 2.2kW).

WALL PLATE SPEED CONTROLLERS



2-speed rotary switch (TSS1-15). Use with VSD, 415V, 3PH units



0-10V speed controller (DCV-POT10K-WM) Use with VSD, 415V, 3PH units



Variable speed controller (VA2.0, VA5.0, VA8.0 for 240V, 1PH, 4 pole units)