

KEI FUME EXHAUSTERS

KEI Fume Exhausters are ideal for exhausting fumes, smoke or mists. They extend machine life, improve employee health and increase production.

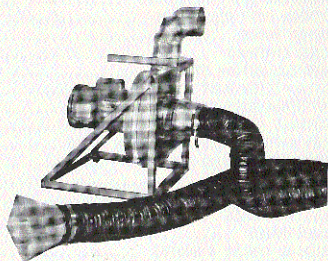
All KEI cast aluminum fan housings are spark-proof and have protected outlets for safety. KEI's mounting frames are designed for wall, bench or floor mounting. Built-in carrying handle offers portability. A 10' length of fire retardant flex hose is furnished with exhauster. (See page 33 for additional hose information and lengths.) Also included with unit are (1) 90 degree adjustable discharge elbow, (2) quick release hose clamps, and (1) square nozzle.

MOTORS

KEI motors are designed for extended life, minimal maintenance and energy conservation. Industrial quality, continuous duty motors power all KEI Fume Exhausters. They are permanently lubricated, CSA and UL approved. All motors operate at 208V and all standard voltages used in the USA. (575V motors available on certain units.)

APPLICATIONS

- * Ventilation
- * Heat Removal
- * Cooling
- * Drying
- * Vapors
- * Fume/Smoke/Mist Exhaustion from Welding/Cutting/Soldering
- * Dust/Chips/Light Particulate Pneumatically Transported
- * Welding Shops
- * Body Shops
- * Machine Shops
- * School Shops
- * Print Shops
- * Chemical Plants
- * Laboratories
- * Food Processing
- * Food Packaging
- * Refineries
- * Manufacturing
- * Clean Rooms
- * R & D Centers



MODEL 1030-3

Model 1030-3 is a 3HP-3PH Unit mounted on a steel frame. The Unit's radial blades produce 1,330 CFM through 10' of 6" hose (included). Also included with the Unit are (2) hose clamps, (1) square nozzle and (1) exhaust elbow.

FEATURES

- * SPARK PROOF, CAST ALUMINUM HOUSING WITH CHOICE OF FAN BLADES
- * HEAVY DUTY FRAME & CARRYING HANDLE
- * TOTALLY ENCLOSED, CONTINUOUS DUTY, PERMANENTLY LUBRICATED MOTOR
- * FIRE RETARDANT FIBERGLAS HOSE
- * MEETS ALL OSHA HEALTH AND SAFETY RECOMMENDATIONS
- * FRAME BUILT FOR WALL, BENCH OR FLOOR MOUNT
- * OPTIONAL EXPLOSION PROOF MOTORS
- * COMPLETE ARM SYSTEM AVAILABLE

FAN BLADES

RADIAL BLADES: KEI Fume Exhausters, Models 1005-1030, have self-cleaning, non-sparking cast aluminum radial fan blades and housings. Radial blades move air at medium volume and operate at high static pressure (5" - 12" water lift). These models are recommended for exhausting fumes, smoke and particulate matter.

MULTIVANE BLADES: KEI Fume Exhausters, Models 1125-1175, are manufactured with steel multivane fan blades for high volume air movement and quiet operation at low static pressure (1" - 4" water lift). These models are recommended for use with fumes which contain a minimum of dry dust.

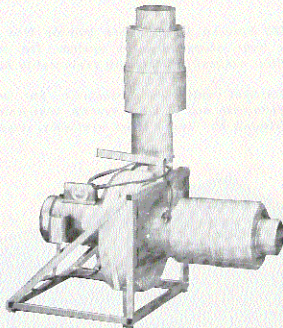
PORTABILITY

A KEI Fume Exhauster Unit can be easily carried by its built in handle or placed on KEI'S square steel dolly, Model 922. The dolly is furnished with 3" industrial quality wheels and a 1" square easy-grip handle.

NOISE REDUCTION

KEI Sound Diffusers reduce noise levels up to 10 DBA and are available for either intake or exhaust outlets.

For more information on Sound Diffusers, refer to Page 38.



MODEL 1030-3

Model 1030 3 is a 3HP-3PH Unit mounted on a steel frame. The Unit's radial blades produce 1,330 CFM through 10' of 6" hose (included). Also included with the Unit are (2) hose clamps, (1) square nozzle and (1) exhaust elbow. (Unit pictured with optional Model 295 intake diffuser and Model 296 exhaust diffuser.)

FUME EXHAUSTER SPECIFICATIONS

MODEL	HP	AMPERAGE START/RUN		EXP	RPM	CFM 10' HOSE	HOSE VEL FPM	MAX SP" ²	DBA 5'	INT HOSE DIA"	EX HOSE DIA"	BRACKET SIZE D" W" H"			WT
1005-1	1/2*	8/4	6/3	A	3450	390	4500	7	85	4	4	16	17	16.5	65
1005-3	1/2	2/1	2/1	A	3450	390	4500	7	85	4	4	16	17	16.5	65
1010-1	1*	11/6	8/4	A	3450	820	6000	4.5	83	5	6	19	21	18	86
1010-3	1	3/2	2/1	A	3450	820	6000	4.5	83	5	6	19	21	18	83
1015-1	1 1/2	15/8	9/5	N/A	3450	950	7000	6.5	83	6	6	19	21	18	94
1015-3	1 1/2	5/4	3/2	A	3450	950	7000	6.5	83	6	6	19	21	18	90
1020-1	2	32/12	12/6	N/A	3450	1240	6300	8.5	86	6	6	19	21	18	105
1020-3	2	4/3	2/1	A	3450	1240	6300	8.5	86	6	6	19	21	18	100
1030-3	3	8/4	3/2	A	3450	1330	6800	10	86	6	6	19	21	18	110
1125-1	1/4*	6/6	3/3	N/A	1725	410	2080	2.5	73	6	6	16	17	16.5	60
1125-3	1/4	2/1	1.6/1.5	N/A	1725	410	2080	2.5	73	6	6	16	17	16.5	56
1150-1	3/4*	11/8	6/4	A	1725	1500	3710	2	81	8	8	19	21	18	90
1150-3	3/4	3/3	2/1	A	1725	1500	3710	2	81	8	8	19	21	18	90
1175-1	1 1/2	15/8	9/5	N/A	3450	830	4200	4.5	85	6	6	16	17	16.5	70
1175-3	1 1/2	5/4	3/2	A	3450	830	4200	4.5	85	6	6	16	17	16.5	66

*115 Volt wired with cord, plug, and switch

Model 1 - Single Phase - 115/230V; Model -3 - Three Phase - 208/230/460V

Models 1005-1030 have High Pressure Radial Fan Blades

Models 1125-1175 have Low Pressure Multivane Fan Blades