

FAN SCHEDULE

UNIT DESIG.	LOCATION	SERVICE	MANUFACTURER & MODEL NO.	FAN TYPE	AIRFLOW (CFM)	FSP (IN. W.C.)	RPM	WHEEL DIAM. (IN.)	FAN DISCHARGE	MOTOR				UNIT CONTROL	ACCESSORIES	NOTES
										BHP	HP	RPM	VOLTS/PH			
RLF-KS2	K Café New Mech.	AHU-KS2	USF-49-B4	UTILITY FAN	33,450	1.700	588	49.0	UBD	16.45	20.00	1170	460/3	VFD	5,9	A
RLF-KS3	K Café New Mech.	AHU-KS3	GSQ-200-15	INLINE	5,400	0.650	1052	20.0	SIDE OUTLET	1.50	2.00	1725	460/3	VFD	5,8,9,15	A
RLF-KS4	K Café Exist. Mech.	AHU-KS4	USF-30-B4	UTILITY FAN	13,050	1.100	964	30.0	UBD	6.00	7.50	1725	460/3	VFD	5,9	A
RLF-KS6	Serving Area	AHU-KS6	USF-30-B4	UTILITY FAN	10100	1.000	763	30.0	UBD	3.82	5.00	1725	460/3	VFD	5,9	A
TF-KS1	MEZZANINE STORAGE	LOCKER ROOMS	SQ-120-VG	INLINE	900	0.750	1315	12.0	THD	0.20	0.50	1725	120/1	ECM REMOTE	5,9,10,15,16	A
TF-KS4	K Café Exist. Mech.	KITCHEN	BSQ-360-100	INLINE	13000	2.000	771	36.0	SIDE OUTLET	7.96	10.00	1725	460/3	VFD	5,9,17	A,C
EF-K1	WEST EXHAUST STRUCTURE	KITCHEN	QEI-12	INLINE	1600	2.200	2288	12.0	VM	1.06	1.50	1725	460/3	VFD	5,6,7,8,9	A,B
EF-K2	NOT USED															
EF-K3	WEST EXHAUST STRUCTURE	KITCHEN	QEI-12	INLINE	3000	3.000	2193	15.0	VM	2.94	5.00	3600	460/3	VFD	5,6,7,8,9	A,B
EF-K4	EAST EXHAUST STRUCTURE	KITCHEN	QEI-22	INLINE	9300	4.900	1890	22.0	VM	11.21	15.00	1725	460/3	VFD	5,6,7,8,9	A,B
EF-K5	EAST EXHAUST STRUCTURE	KITCHEN	QEI-22	INLINE	8230	5.400	1878	22.0	VM	11.00	15.00	1725	460/3	VFD	5,6,7,8,9	A,B
EF-K6	EAST EXHAUST STRUCTURE	KITCHEN	QEI-15	INLINE	4350	7.200	3420	15.0	VM	8.69	10.00	3600	460/3	VFD	5,6,7,8,9	A,B
EF-K7	WEST EXHAUST STRUCTURE	EXHAUST STRUCTURE	GREENHECK SQ-130HP-VG	INLINE	1000	1.25	1820	-	-	0.43	0.75	1950	208/1	ECM REMOTE	1,10,11,12,13,14,15,16	A
EF-K8	WEST EXHAUST STRUCTURE	EXHAUST STRUCTURE	GREENHECK SQ-130HP-VG	INLINE	1000	1.25	1820	-	-	0.43	0.75	1950	208/1	ECM REMOTE	1,10,11,12,13,14,15,16	A

FAN TYPE:

CENTRIFUGAL
 IN-LINE CENTRIFUGAL
 ROOF EXHAUSTER
 UTILITY FAN
 PROPELLER FAN
 MIXED FLOW IN-LINE

FAN DISCHARGE:

THD - TOP HORIZONTAL DISCHARGE
 BHD - BOTTOM HORIZONTAL DISCHARGE
 TAU - TOP ANGULAR DISCHARGE
 BH - BOTTOM ANGULAR DISCHARGE
 UBD - UP BLAST DISCHARGE
 DBD - DOWN BLAST DISCHARGE
 HM - HORIZONTAL MOUNT
 VM - VERTICAL MOUNT (FLOOR SUPPORTED)

ACCESSORIES:

1. GRAVITY BACKDRAFT DAMPER
2. MOTORIZED DAMPER
3. ROOF CURB
4. ACOUSTIC ROOF CURB
5. FACTORY MOUNTED DISCONNECT
6. UL 762 CERTIFIED WITH GREASE TRAP AND DRAIN CONNECTION
7. UL 762 LISTED UPBLAST DISCHARGE
8. MOTOR SHAFT GROUNDING
9. FACTORY BALANCED FOR FAN APPLICATION CATEGORY BV-4

NOTES:

- A. ALL FANS WITH VFD DRIVES SHALL HAVE INVERTER DUTY MOTORS, OTHERWISE A PREMIUM EFFICIENCY MOTOR SHALL BE PROVIDED REFER TO MOTOR SPECIFICATIONS FOR MORE DETAIL.
 B. FAN SHALL BE UL 762 RATED FOR GREASE LADEN EXHAUST. PROVIDE WITH APPROPRIATE ACCESSORIES.
 C. FAN STATIC PRESSURE INCLUDE A 1" ALLOWANCE FOR FILTER PRESSURE DROP

ACCESSORIES:

10. REMOTE ECM CONTROLLER
11. UL 705 LISTED
12. DISCONNECT SHIPPED LOOSE
13. ALUMINUM CONSTRUCTION
14. STAINLESS STEEL HARDWARE
15. SPRING ISOLATORS
16. MOTOR COVER
17. FILTER BOX