	Stamford High School HVAC Inspections/Evaluations: Building 27															ons/Eval	uations: E	Building 2	27
HVAC Equipment	Location	Manufacture & Year	MODEL#	SERIAL#	TYPE	AREA SERVED	CONDITION	OPERATIONAL	ECONOMIZER	ELECT HEAT AMPS	CPMPRESSOR AMPS	FILTER SIZE/QTY	BLOWER AMPS	VFD Y/N AND OPERATING HZ/% AT TIME OF TESTING.	UNIT VOLT/PHASE	DD OR BELT	SUPPLY FAN BELT SIZE & QTY	RETURN FAN BELT SIZE & QTY	NOTES: Updated Notes and follow up Repairs done:
AHU-A1 LEVEL A	Steeple Roof	Carrier 2005 - Split	39MW30BD7218212 XXQ	1705F28670	HW Heating/DX Cooiling Split system	Upper 3rd floor Art Wing - 14 VAV zones	FAIR	YES	YES - SET TO 0% OPEN	NA	NA	24X24X2 (8)	SF- 32 FLA /14.9 AVG /25 HP RF -12.6 FLA / 10HF /6.0 AVG	SF-YES 42HZ RF-YES 38.86HZ	460-3PH	BELT	B78 (2) SUPPLY FAN	1 - 5VX900 RETURN FAN	
CCU-A1	Steeple Roof	Carrier 2003 - Split	38AH - 044 -601	2203F34384	HW Heating/DX Cooiling Split system	Upper 3rd floor Art wing	FAIR	YES	NA	NA	2-STAGE 1ST STAGE INOPERABLE / #2- 28.52 AVG	NA	NA	NA	460-3PH	NA	NA	NA	CCU-At: Is in POOR Condition.Compressor #1 is disconnected electrically. Oil and R-32 cans present at unit. Compressor contactor is welded shut. Possible bad compressor. Need to investigate further. Unit running only on disconnect for unit. Unsafe. Unit needs minor repairs and further troubleshooting to determine condition of #1 compressor. TXY but for running circuit is outside the AHU on the suction line and is uninsualted and in direct sun light. This will cause refrigerant pressure issues with the system. Possible Liquid flood back to the compressor. Multiple issues with this system that need to addressed.
ACU-B1 262 COMPUTER LAB	Room 262	Magic Aire	60-HBAX-3	W060571770	HW Heating/DX Cooiling Split system	2nd Floor Computer Lab Room # 262	FAIR	YES	NA But does have fresh air manual damper	NA	1-STAGE	20X20X2 (2)	1.9 FLA / 1.93AVG	NA.	460-3PH	BELT	A-48 (1)	NA	AHU is in FAIR/POOR condition. Condensate trap drain line is un-serviceable, no unions. Auxilary drain pan under unit does not have a safety switch or a connected drain line. No cap on the pans outlet. Recommend replacing the worn belt & sheaves and re-piping the condensate drain line and pan as well as adding a secondary pan safety switch.
CCU-2 (B1)	Steeple Roof	Carrier 2005 - Split	38CKC060-671	0705E04963	Cooling Only	2nd Floor Computer Lab Room # 262	FAIR	YES	NA	NA	1-STAGE 8.0 RLA w/ AVG 6.6A	NA.	NA.	NA.	460-3PH	NA	NA	NA	Unit is in FAR/POOR condition but is nearing the end of its Life expectancey (14 years old) due to age and condition. Compressor contactor is pitted and should be replaced to protect the compressor. Condensor Coil has surface diff and should be washed down. Recommend making minor repairs and cleaning services be done to prolong units life.
ACU-B3 263 COMPUTER LAB	Room 263	Magic Aire	60-HBAX-3	W066057167	HW Heating/DX Cooiling Split system	2nd Floor Computer Lab Room # 263	FAIR	YES	NA But does have fresh air manual damper	NA.	1-STAGE	20X20X2 (2)	1.9 FLA / 2.0 AVG	NA NA	460-3PH	BELT	A-48 (1)	NA	AHU is in FAIR/POOR condition. Condensate trap drain line is un-serviceable, no unions. Auxilary drain pan under unit does not have a safety switch or a connected drain line. No cap on the pans outlet. Recommend replacing, motor and blower shaves and re-plping the condensate drain line and pan as well as adding a secondary pan safety switch.
CCU-3 (B3)	Steeple Roof	Carrier 2005 - Split	38CKC060-671	0705E04968	Cooling Only	2nd Floor Computer Lab Room # 263	FAIR	YES	NA	NA	1-STAGE 8.0 RLA w/ AVG 6.5A	NA	NA	NA	460-3PH	NA	NA	NA	Unit is in FAR/POOR condition but is nearing the end of its Life expectancey (14 years old). Compressor contactor is pitted and should be replaced to protect the compressor. Liquid sight glass is sun oxidized and is unreadable. Condensor Coll has surface dirt and should be washed down. Recommend making minor repairs and cleaning services be done to prolong units life.
ACU-B2 266 COMPUTER LAB	Room 266	Magic Aire	60-HBAX-3	W060571771	HW Heating/DX Cooiling Split system	2nd Floor Computer Lab Room # 266	FAIR	YES	NA But does have fresh air manual damper	NA	1-STAGE	20X20X2 (2)	1.9 FLA / 1.8 AVG	NA	460-3PH	BELT	B-48 (1)	NA NA	AHU is in FAIR/POOR condition. Condensate trap drain line is un-serviceable, no unions. Auxiliary drain pan under unit does not have a safety switch or a connected drain line. No exp on the pans outlet Recommend replacing the Belt,motor / blower sheaves and re-piping the condensate drain line and pan as well as adding a secondary pan safety switch.
CCU-4 (B2)	Steeple Roof	Carrier 2005 - Split	38CKC060-671	4505E10826	Cooling Only	2nd Floor Computer Lab Room # 266	FAIR	YES	NA	NA	1-STAGE 8.0 RLA w/ AVG 5.9A	NA	NA	NA	460-3PH	NA	NA	NA	Unit is in FAR/POOR condition and is nearing the end of its Life expectancey (14 years old). Compressor contactor is pitted and should be replaced to protect the compressor. Cliquid sight glass is sun oxidized and is unreadable. Condensor Coil has surface dirt and should be washed down. Recommend making minor repairs and cleaning services be done to prolong units life.
RTU-C1 Large Group Instruction	North Roof Bldg 27	7 Carrier 2006	50HJ-012GM-661HY	2406G40863	Cooling Only	Large Group Instruction Room 101 - Single Zone System	FAIR	YES	YES - SET TO 0% OPEN Unit has Power Exhaust	NA	2-STAGES 8.3 RLA 1) - 6.69 AVG, 2) - 6.76 AVG	20X20X2 (4)	7.5 FLA / 3.98 AVG	NA	460-3PH	BELT	BX48 (1)	NA	Unit is in FAIR condition but is nearing the midilate time period of its Life expectancey (13 years old). There are other Mutuiple minor issues with the unit that can be repaired. Bets, Pulleys, filters needed to be replaced.  Condenser coil is impacted and will cause high head pressures in the summer months. This will eventually lead to a compressor(s) failure. Recommend repairs and cleaning services be done to prolong units life.  Unit is in FAIR condition but is nearing the midilate time period of its Life expectancey (13 years old. There are
RTU-C2 Main Office 3 Zone VAV system	North Roof Bldg 27	7 Carrier 2006	50HJ-012GM-661HY	2406G40864	Cooling Only	Main Office 3 zone VAV system Rooms 159A-C & 160	FAIR	YES	YES - SET TO 0% OPEN Unit has Power Exhaust	NA	2-STAGES 8.3 RLA 1) - 6.71 AVG, 2) - 6.18 AVG	20X20X2 (4)	7.5 FLA / 4.69 AVG	NA	460-3PH	BELT	BX48 (1)	NA	Units in Prac Communior Units healing the minutes thing period this faller depocalizery (is year out). There are Multiple minor issues with the unit that can be repaired. Belts, Pulleys, filters needed to be replaced. Economizer actuator has failed. Condenser coil is impacted and will cause high head pressures in the summer months. This will eventually lead to a compressor(s) failure. Recommend repairs and cleaning services be done to prolong units life.
ACU-C 250 North COMPUTER LAB	North Roof Bldg 27	7 TRANE 1988	BWE060C100GA	C13175488	Cooling Only	2nd Floor Computer Lab Room # 250 North	POOR	YES	NA	NA	1-STAGE 15.4 RLA w/ AVG 8.9A	20X25X2 (1)	6.3 FLA / 4.5 AVG	NA	208-1PH	BELT	4L430 (1)	NA	ANU is in POOR condition and way past life expectancey (1988). The unit has bad blower basrings, worn belt, but most bearings, evap pan is bent and holding value not oftaining, blower wheel cups have 1/2 of dust, its will impact and lower air flow across the coil. ANU does not have an electrical service switch. Power is feed from the roor's CCU disconnect. Found Compressor Contactor shorted to ground tripping XImr. No Secondary safety pan under the units portect the computers below. Unit should be replaced entirely and the property of the computers below. Unit should be replaced entirely and the property of the computers below. Unit should be replaced entirely and the property of the computers below. Unit should be replaced entirely and the property of the
CCU-C1	North Roof Bldg 27	7 American Standard 2013	2TTA3060A3000BA	13285S4W4F	Cooling Only	Level B Computer Lab Room # 250 C North	FAIR	YES	NA	NA	1-STAGE	NA.	NA	NA.	230-3PH	NA	NA	NA	Condenser is in FAIR/IGOOD condition (2013). The compressor contactor needs to be replaced. Condenser coil is very dirty and needs to be cleaned.
ACU-B 250 South COMPUTER LAB	North Roof Bldg 27	7 TRANE 1988	BWE060C100GA	C13175493	Cooling Only	2nd Floor Computer Lab Room # 250 South	POOR	YES	NA	NA	1-STAGE 16.6 RLA w/ AVG 10.6A	20X25X2 (1)	6.3 FLA / 5.5 AVG	NA.	208-1PH	BELT	4L430 (1)	NA	AHU is in POOR condition and way past life expectancey (1988). The unit has bad blower basrings, worn belt, bad motor basings, blower wheel cups have 12°C dust, it will impact and lower aff how across the coil. AHU does not have an electrical service switch. Power is feed from the roof's COU disconnect. Found blown disconnect tuses. Removed fuses from RS2 unit and tested operations. System is low on charge. Unit is in Extremly POOR condition and should be replaced entirely!
CCU-B2	North Roof Bldg 27	7 TRANE 1988	TTA060A300A0	C19277867	Cooling Only	Level B Computer Lab Room # 250 B South	POOR	YES	NA	NA	1-STAGE	NA.	NA NA	NA	230-3PH	NA	NA	NA	Condenser is in FAIR condition but way past Life Expectancey (1988). The compressor contactor, and fan capacitor need to be replaced. Condenser fan motor has noisey motor bearings. Condenser coil is very dirty and needs to be cleaned.
ACU-A 252 COMPUTER LAB	North Roof Bldg 27	7 TRANE 1988	BWE060C100GA	C13175491	Cooling Only	Level B Computer Lab Room # 252 A	POOR	NO	NA	NA	1-STAGE 16.6 RLA w/ AVG	20X25X2 (1)	6.3 FLA / BAD MOTOR NO READINGS	NA	208-1PH	BELT	4L430 (1)	NA	Unit is in POOR condition and way past life expectancey (1988). The unit has bad motor, missing bet blower bearings, blower wheel cups have 12° of dust, its will impact and lower air flow across the coil. APU does not have an electrical service switch, Power is feed from the roof's CCU disconnect. Found blown disconnect flues. Removed fuses from Rm 25° cut and tested operations. Unable to test units operations due to failed IDF motort. Unit is in Extremly POOR condition and should be replaced entirely!
CCU-3 (RM 252)	North Roof Bldg 27	7 TRANE 1988	TTA060A300A0	C19277869	Cooling Only	Level B Computer Lab Room # 252 A	POOR	NO	NA	NA	1-STAGE No compressor amp readings. AHU in- operable	NA	NA	NA	230-3PH	NA	NA	NA	Condenser is in FAIR condition but way past Life Expectancey (1988). The compressor contactor, and fan capacitor need to be replaced. Condenser fan motor has noisey motor bearings. Condenser coil is very dirty and needs to be cleaned.
FCU/ACU- EX ROOM 268	Center Hallway Level A Room #268	8 CARRIER 1993	FB4ANF024	1593A00092	HW Heating/DX Cooiling Split system	Level B Office Room #268 Center Hallway	POOR	YES	NA	NA.	1-STAGE	14X20X1 (1)	2.1 FLA / 1.0 AVG	NA NA	208-1PH	DD	NA	NA	AHU is in POOR condition and due to age (25 years) and condition, Unit should be considered for Full replacement. Condensate drain line has insufficient pitch, no unifons or clean out to service annual and No hangers to support the pipe. Service Disconnect for Both AHU's 268/165 are located above the ceiling in this office.
CCU-6 (RM 268)	North Courtyard lower roof Bldg 27	CARRIER 1993	38TKB024300	1293E03060	Cooling Only	Level B Office Room #268 Center Hallway	POOR	YES	NA	NA	1-STAGE 11.2 RLA w/ 9.5 AVG	NA NA	NA NA	NA NA	208-1PH	NA	NA	NA	Condenser is in Poor Condition and due to Age and condition, unit should be replaced. Condenser coil is oxidizing and flaking. Coil is deteriorating, Refrigerant leaks will eventually occur (R22 system HFC). Contactor and capacito needs to be replaced. Condenser coil is very dirty but cannot be cleaned without causing further damage to coil. Recommend making minor electrical repairs to prolong what little life this system has left.
AHU-7	Center Hallway Level B Room #165	5 CARRIER 1993	FB4ANF024	1593A00090	HW Heating/DX Cooiling Split system	Level C Office Room #165 Center Hallway History Office	POOR	YES	NA	NA	1-STAGE	14X20X1 (1)	2.1 FLA / 1.2 AVG	NA.	208-1PH	DD	NA	NA	AHU is in POOR condition and due to age (25 years) and condition, Unit should be considered for Full replacement. Condensate drain line has insufficient pitch, no unifons or clean out to service annual and No hangers to support the pipe. Service Disconnect for Both AHU's 268/165 are located above the ceiling in this office.
CCU-7	North Courtyard lower roof Bldg 27		38TKB024300	1293E03074	Cooling Only	Level C Office Room #165 Center Hallway History Office	POOR	YES	NA	NA	1-STAGE 11.2 RLA w/ 7.4 AVG	NA NA	NA	NA	208-1PH	NA	NA	NA	Condenser is in Poor Condition and due to Age and condition, unit should be replaced. Condenser coil is oxidizing and flaking. Coil is deteriorating, Refrigerant leaks will eventually occur (Rez yestem HFC). System is Low on Charge and lineset is freezing up. Possible refrigerant leak. Contactor and capacitin needs to be replaced. Condenser coil is very dirty but cannot be cleaned without causing further damage to coil. Recommend performing a Leak Check and Repair if possible and making minor electrical repairs to prolong what little life this system has bet.

	Stamford High School HVAC Inspections/Evaluations: Building 27  2-STAGES  RTU is in GOOD/NEW condition. Unit only needs belt and filters replaced and new condensate drain trap															ons/Evalu	ations: E	Building 27	7
RTU-C3	South Roof Bldg 27	TRANE 2011	TCD180F30AAA	113310358D	Cooling Only	Guidance Office 7- Zones C3-VAV (157 group rooms)	GOOD	YES	NO ECONOMIZER	NA	2-STAGES 1) 31.9RLA - 23.1 AVG, 2) 17.6 RLA - 11.5 AVG	20X20X2 (4) 20X25X2 (4)	10.6 FLA / 7.3 AVG	NA	230-3PH	BELT	BX-64 (1)	NA	RTU is in GOODNEW condition. Unit only needs belt and filters replaced and new condensate drain trap assembly. Idler pully is getting worn and should also be replaced soon. Condenser coil is fairly clean.
AHU-D1 CAFÉ	Level D Café Rear above Ceiling	CARRIER	38MN17B00592G11 XXS	2405U01271	HW Heating/DX Cooiling Split system	CAFÉ	FAIR	YES	YES 0% OPEN	NA	1-STAGE	12X24X4 (12)	18.0 FLA 10HP / 12.5 AVG	SF-YES 100% RF-YES 100%	460 3PH	BELT	5VX610 (1)	A-80 91) 3HP 3.9FLA 2.3 AVG VFD IN BYPASS	AHU is in FAIR Condition. The Supply & Return fans have bad motor and blower bearings and sheaves/pulleys.  A Need Belts and Filter sreplaced. Access to this unit is above the sofft and is Completely inaccessable due to piping and lighting with no direct access to the units access done but obto the SFIRE PICES have bad displays. The HW and Evaporator coils are Very dirty. Recommend making the repairs. Will need scaffolding to gain access to make repairs.
CCU-D1	South Roof Bldg 27	Carrier 2005 - Split	38AKS034-601	2405Q02386	Cooling Only	CAFÉ	FAIR	NO	NA	NA	SEMI COMPRESSOR 1) 50.0RLA - 27.4 AVG	NA	NA	NA	460 3PH	NA.	NA	NA	CCU for AHU-D1 is in FAIR/POOR condition. The condeser coil is impacted with dirt and pollen. The Semi compressor needs and oil change glass level is low and compressor contactor needs to be replaced.  Recommend making these minor repairs and cleaning of coils. Currently the Condenser is tripping off on a pressure saftey. Control module has a burnt section on the board. Need to replace board. Unit is currently incoperable and needs troubleshooting to determine causes.
AHU-D2 CAFÉ	Level D Café above Cooking line Ceiling	CARRIER	39M1STD02HKCCG XJGA	2405U01260	HW Heating/DX Cooiling Split system	CAFÉ	FAIR	YES	YES 0% OPEN	NA	2-STAGES	20X20X4 (6)	11.1 FLA 7.5 HP / 8.4 AVG	SF-YES 90% RF-YES 80%	460 3PH	BELT	BX-62 (1)	2.5 AVG VFD IN	AHU is in FAIR Condition. The Supply & Return fans have bad motor and blower bearings and sheaves/pulleys.  A Need Belts and Filter sreplaced. The Suction line is condensating and dripping on ceiling liets creating mold.  Access to this unta above the cooking line is inaccessible due to piping and lighting. The Evaporator coil is Very  Y dirty. Recommend making the repairs. Will need scaffolding to gain access to make repairs.
CCU-D2	South Roof Bldg 27	Carrier 2005 - Split	38AKS034-601	2405Q02383	Cooling Only	CAFÉ	FAIR	YES	NA	NA	SEMI COMPRESSOR 1) 50.0 RLA - 31.4 AVG	NA	NA	NA	460 3PH	NA	NA	NA	CCU for AHU-D2 is in FAIR/POOR condition. The condeser coil is impacted with dirt and pollen. The Semi compressor needs and oil change glass level is low and compressor contactor needs to be replaced.  Recommend making these minor repairs and cleaning of coils.
AHU-D3 CAFÉ	Level D Café Front above Ceiling	CARRIER	39M1STD02CKCCG XJGK	2405U01262	HW Heating/DX Cooiling Split system	CAFÉ and Teachers Lounge	FAIR	YES	YES 0% OPEN	NA	1-STAGE	16X20X2 (4)	3.1 FLA / 2.3 AVG	NA	460 3PH	BELT	A-28 (1)	NA	AHU is in FAIR Condition. The Supply fan has bad motor and blower bearings. Needs Belt and Filters replaced. The Belimo HW valve actuator is missing from the valve and the HW coil isolation valves are closed. The Evaporator coil is Very dirty and needs a thorough cleaning before the compressor fails from liquid feed back. Recommend making the minor repairs
CCU-D3	South Courtyard	CARRIER	38ARZ008-601	0605G40050	Cooling Only	CAFÉ and Teachers Lounge	FAIR	YES	NA	NA	1-STAGE 12.8 RLA w/ 10.4 AVG	NA	NA	NA	460-3PH	NA	NA	NA	CCU for AHU-D3 is in FAIRIPOOR condition. The condeser coil has damage and is impacted with dirt and pollen. The compressor contactor needs to be replaced. Recommend making these minor repairs and cleaning of coils.
MAU-1 KITCHEN	Café in Kitchen Mechanical Room	CARRIER	38MN1DB00592K11SX S	2405U01275	HW HEATING ONLY	KITCHEN	FAIR	YES	100% ODA	NN	NA	20X25X2 (3)	6.10 FLA / 3.0 AVG	NA	460-3PH	BELT	B-42 (1)	NA	MAU is in FAIR Condition. Condensate has no cleanout or ability to service the trap. Trap needs to be repiped.
AHU-144	Room #144 above the ceiling	MAGIC AIRE. 2005 Split	36-HBAX-3	W050543315	Cooling Only	Level C Office Room #144 Center Hallway Professional Library	FAIR	YES	NA	NA	1-STAGE	16X20X2 (2)	6.6 FLA / 5.8 AVG	NA	208-1PH	BELT	AX-37 (1)	NA	Arth is an Pair. Containable. Until its missing the filter door cover. Need to clean the Evap coil as well.  CCU for AHU-144 is in POOR condition. Unit is incoerable at this time. Unit has a loss of Power phase (3oh). Need
CCU-144	South Courtyard	Carrier 2007 - Split	PA13PR036-E	3907XS4516	Cooling Only	Level C Office Room #144 Center Hallway Professional Library	FAIR	NO LOSS OF PHASE	NA	NA	1-STAGE 9.6 RLA w/ AVG	NA	NA	NA	208-1PH	NA	NA	NA	an electrician to further investigate cause of dropped leg. Then we can test units operations.  AHU is in GOOD Condition. Supply Fan Contactor and Filters need to be replaced. Recommend making Minor
AHU-617	Music Room  Outside on ground	TRANE 2001	TWE060P130BO	Z3810172V	HW Heating/DX Cooiling Split system	Level D Music Room #617	GOOD	YES	NO ECONOMIZER	NA	1-STAGE	20X25X1 (1)	3.30 FLA / 3.4 AVG DRAWING HIGH AMPS	NA	208-1PH	DD	NA	NA	repairs and cleaning of Coils to Prolong systems life expectancey.  Condenser is in GOOD condition. Compressor Contactor should be repaced and Condenser coil needs to be
CCU-617	left side of building outside the music room	TRANE 2001	TTP042D100AO	Z374YF62F	Cooling Only	Level D Music Room #617	GOOD	YES	NA	NA	1-STAGE 19.6 RLA w/ 15.9 AVG	NA	NA	NA	208-1PH	NA NA	NA	NA	Cleaned.  AHU is in GOOD Condition. Supply Fan Contactor and Filters need to be replaced. Recommend making Minor
AHU-619	Cisco Computer Lab Level D Room #619	TRANE 2001	TWE060P130BO	Z3810192Z	HW Heating/DX Cooiling Split system	Level D Cisco Computer lab Room #619	FAIR	YES	NA	NA	1-STAGE	20X25X1 (1)	3.3 FLA / 2.6 AVG	NA	208-1PH	DD	NA	NA	repairs and cleaning of Coils to Prolong systems life expectancey.  Condenser is in GOOD condition. Compressor Contactor should be repaced and Condenser coil needs to be
CCU-619	South Courtyard  Level D Media	MARATHERM	R2A360GKR2	X112969124	Cooling Only	Level D Cisco Computer lab Room #619	FAIR	YES	NA	NA	1-STAGE 19.6 RLA w/ 8.4 AVG (LOW Charge)	NA	NA	NA	208-1PH	NA	NA	NA	Cleaned.  AHU is in FAIR Condition. Condensate piping and pump needs to be re piped. The access to the filter and belt are
AHU-D2-644	Center South side Above the ceiling	MAGIC AIRE. 2006 Split	90-HBAX-3	W060265669	HW Heating/DX Cooiling Split system	Level D Media - South Side	FAIR	YES	YES 0% OPEN	NA	1-STAGE	25X25X2 (2)	2.20 FLA / 2.0 AVG	NA	460-3PH	BELT	B-56 (1)	NA	limited. Blower bearings are noisey. Filters and belt need to be replaced. Evap coil needs to be cleaned.  CCU for AHI-D2 is in FAIR/POOR condition. The condesser coil has damage and is impacted with dirt and pollen.  The compressers has been interested and the compressers in cutting birth paper and will executely the fail
CCU-D2-644	South Courtyard  Level D Media		38ARZ008-601	4605G20070	Cooling Only	Level D Media Center	FAIR	YES	NA	NA	12.8 RLA w/ 12.2 AVG	NA	NA	NA	460-3PH	NA	NA	NA	The compressor has bad internal motor bearings and the compressor is pulling high amps and will eventually fall on a LRA Sizes. Compressor contactor needs to be replaced. Recommend making these minor repairs and cleaning of coils. But would consider replacing the compressor before total failure.  AHU is in FAIR Condition. Condensate piping and pump needs to be re piped. The access to the filter and belt are limited. Blower bearings are noisely. Filters and better need to be replaced. Evap coil needs to be cleaned.
AHU-D3-644	Center North side Above the ceiling	MAGIC AIRE. 2006 Split	90-HBAX-3	W060265667	HW Heating/DX Cooiling Split system	Level D Media - North Side	FAIR	YES	YES 0% OPEN	NA.	1-STAGE	25X25X2 (2)	2.20 FLA / 2.7 AVG	NA	460-3PH	BELT	B-56 (1)	NA	CCU for AHU-D3 is in FAIR/POOR condition. The condeser coil has damage and is impacted with dirt and pollen. The compressor contactor needs to be replaced. Field mice damage to wiring in unit. will need to repair and
CCU-D3-644	South Courtyard	CARRIER 2006 - Split	38ARZ008-601	1006G50132	Cooling Only	Level D Media Center	FAIR	YES	NA	NA	12.8 RLA w/ 6.6 AVG (LOW Charge)	NA	NA.	NA	460-3PH	NA NA	NA	NA	clean. Recommend making these minor repairs and cleaning of coils.  AHU is in POOR Condition. The Supply fan has very bad motor and blower bearings. The belta are over 1° out of alignement. The unit needs Belts, motor and blower sheaves and filters are collapsed into the coils. The HW
AHU- B1	South Roof Bldg 27 - Rear righ corner	CAMBRIDGEPORT 2004 - Split	CP-20.6-SX-X-X-D-H- X-X-S-X-X	3104C7339-1	HW Heating/DX Cooiling Split system	Auditorium	FAIR	YES	YES - SET TO 0% OPEN Unit has Power Exhaust	NA	4 -STAGES	24X24X2 (12)	37.0 FLA / 30 HP / 26.8 AVG	YES 100% 60hz	460-3PH	BELT	BX-73 (5)	YES	Heating & Evaporator coils are Very dirty and need a thorough cleaning before the compressor(s) fall. The  Outside Air dampers are closed and Exhaust Dampers are inoperable and are being propped open with a pipe.  No Damper actuators were ever installed from NEW, NO Unit power disconnect present. VFD located in blower  compartment. Only way to shut down unit is to climb into unit and test unroll of VFD. Recommend making repairs,  but should consider Full unit replacement due to AGE and Condition.
RF-B1	Level B Mechanical Room# 237	Unknown	127AXX03	SV9015AGV5MOB	Return Air Fan for AHU-B1	Auditorium	POOR	YES	NA	NA	NA	NA		YES BUT DISPLAY FOR VFD IS BLANK	460-3PH	BELT	NA	BX-105 (2)	RF is in POOR Condition. Belts are worn and out of alignment. VFD is in manual bypass. VFD display is blank and not operational. Unable to determine fans speed. Fan motor and blower bearings are noisey. Recommend making minor repairs and greasing of bearings. VFD display module will need to be replaced.
CCU-B1	South Roof Bldg 27 - Rear righ corner	CARRIER 2006 - Split	38AH-104-601	2704F44379	Cooling Only	Auditorium	FAIR	YES	NA	NA	2-STAGES / 4-Semi comps 1) 34.6 RLA - 23.70 AVG 2) 43.6 RLA - 22.75 AVG	NA	NA	NA	460-3PH	NA	NA	NA	CCIL-B1 is in FAIR condition. Coils are plugged with pollen and all 4 compressor contactors are shot. NO External disconnect for power to unit. Using the compressor individual breakers for power isolation. All 4 condenser fan motors need new contactors and 2 of the 4 have bad motor bearings. Recommend making repairs and cleaning of coils for this unit to prolong its life.
DFS system - 524 Wrestling room	Rear Court yard of Building 27	COMFORT STAR	DU .	IDU: 340503279047C2901 60008 ODU: 340503279137C2801 60003	HEAT PUMP UNIT	Level E Room #524	GOOD	YES	NO FRESH AIR	NA	Inverter Heat Pump	WASHABLE	4.1 FLA / 1.6 AVG	NA	208-1PH	DD	NA	NA	DFS unit is in GOOD condition and is fairley NEW. Condenser coil is dirty and washable filter and evap coil needs to be cleaned. Unit appears to be operating fine at this time. Recommend performing minor maintenance services to this system.
DFS system - 524 Offices	Rear Court yard of Building 27	COMFORT STAR	DU :	IDU: 340503279047C2901 60005 ODU: 340503279137C2801 60009	HEAT PUMP UNIT	Level E Room #524	GOOD	NO	NO FRESH AIR	NA	Inverter Heat Pump 23.5 RLA w/ 15.1 AVG total w ODF motor	WASHABLE	NO POWER TO UNIT	NA	208-1PH	DD	NA	NA	DFS unit is in GODD condition and is fairley NEW. Condenser coil is dirty and washable filter and evap coil needs to be cleaned, unit is not operational. Power to IDU but no display at wall controller. Need to investigate unit errors. Recommend troubleshooting of system and performing the minor maintenance services to this system.

		Stamford High School HVAC Inspections/Evaluations: Building 27														7				
EXHAUST FANS	Location	Manufacture & Year	MODEL#	SERIAL #	TYPE	AREA SERVED	CONDITION	OPERATIONAL	BELT ALIGNMENT	SHEAVE	MOTOR HP	RPMS	MOTOR AMPS AVG	FRESH AIR	UNIT VOLT/PHASE	DD OR BELT	BELT SIZE & QTY	CURB DIMENSIONS	NOTES:	Updated Notes:
					CENTRIFUGAL	Level A Art Wing				CONDITION				SCREENS				29.5x29.5Curb.	Exhaust Fan is in FAIR condition. Needs NEW Belts and sheaves, and re-alignment.	Will revise quote to include all of the Exhaust fans that need to be replaced (15 in total).
EF-3D	Steeple Roof	GREENHECK	LBP-18-5-X	03D15544	LOUVERED EXHAUST FAN CENTRIFUGAL	Room 363	FAIR	YES	NO	POOR	1 /2HP	1725	FLA 6.4 / 6.3 AVG		460-3PH	BELT	4L470 (1)	30.25x30.25 Fan 40x40 Curh	Exhaust Fan is in FAIR condition. Motor is drawing HIGH Amps. Possible Air Flow issue with duct work. Due to	
FF-B1	Steeple Roof	GREENHECK	RSFP-150-3-X	03D15569	FAN CENTRIFUGAL	Level A Art Wing	FAIR	YES	NO	POOR	1 /3HP	1725	118.1 volts High Amps FLA 3.4 / 3.5 AVG		115VAC	BELT	41550 (1)	40.25x40.25 Fan 16.5"x16.5" Curb.	age and condition Recommend full unit replacement.  Exhaust Fan is in FAIR condition. Motor is drawing HIGH Amps. Possible Air Flow issue with duct work. Due to	
EF-8D	Steeple Roof	GREENHECK	LDP-100-A	03D15562	LOUVERED EXHAUST FAN CENTRIFUGAL	Level A Art Wing	FAIR	YES	NO	POOR	1 /4HP	1725	118.6 volts High Amps		115VAC	BELT	NA	17x17 fan	age and condition Recommend full unit replacement.  Exhaust Fan is in FAIR condition. Power to Fan's location needs to be identified in order to test operations.	
EF-4D	Steeple Roof	GREENHECK	LBP-10-4-X	03D15538	LOUVERED EXHAUST FAN CENTRIFUGAL	Level A Art Wing	FAIR	NO POWER TO FAN	NO	POOR	1 /4HP	1725	FLA 5.1 / AVG volts		115VAC	BELT	3L340 (1)	22.5x22.5 Fan	Exhaust Fan is in FAIR condition. Power to Fan's location needs to be identified in order to test operations.	
E-D10	Steeple Roof	GREENHECK	LBP-14-5	03D15542	LOUVERED EXHAUST FAN CENTRIFUGAL	Level A Art Wing	FAIR	NO POWER TO FAN	NO	POOR	1 /2HP	1725	FLA 2.4 / AVG volts AVG		460-3PH	BELT	4L440 (1)	26x26 Curb. 26.5x26.5 Fan	Exhaust Fan is in FAIR condition. Needs NEW Belts and sheaves, and re-alignment.	
EF-9D	Steeple Roof	GREENHECK	LBP-10-4-X	03D15541	LOUVERED EXHAUST FAN CENTRIFLIGAL	Level A Art Wing	FAIR	YES	NO	POOR	1/4HP	1725	FLA 5.1 / 4.1 AVG		115VAC	BELT	3L330 (1)	22x22 Curb. 22.5x22.5 Fan		
EF-E24	Steeple Roof	GREENHECK	LDP-85-D	03D15561	LOUVERED EXHAUST FAN	Level A Art Wing	FAIR	YES	NA.	NA	1 /15HP	1550	FLA 2.0 / 1.8 AVG		115VAC	DD	NA	19x19Curb 19.25x19.25 Fan	Exhaust Fan is in FAIR condition. No issues at this time.	
EF-5D	Steeple Roof	GREENHECK	LBP-14-4-X	03D15543	CENTRIFUGAL LOUVERED EXHAUST FAN	Level A Art Wing	FAIR	NO MOTOR	UNKNOWN	POOR	UNKNOWN	UNKNOWN	UNKNOWN		UNKNOWN	BELT	UNKNOWN	26x26 Curb. 26.5x26.5 Fan	Exhaust Fan is in POOR condition. Due to age and condition, Recommend fan be replaced.	
FF-B3	Steeple Roof	GREENHECK	RSFP-100-4-X	03D15568	CENTRIFUGAL LOUVERED SUPPLY FAN	Level A Art Wing	FAIR	YES	NA.	NA	1 /6HP	1725	FLA 5.1 / 4.2 AVG		115VAC	DD	NA	29.5x29.5Curb. 30.25x30.25 Fan	Exhaust Fan is in FAIR condition. No issues at this time.	
EF-E38	Steeple Roof	GREENHECK	LBP-10-4-X	03F11410	CENTRIFUGAL LOUVERED EXHAUST FAN	Level A Art Wing	FAIR	YES	NO	POOR	1 /4HP	1725	FLA 5.1 / 4.6 AVG		115VAC	BELT	3L340 (1)	22x22 Curb. 22.5x22.5 Fan	Exhaust Fan is in FAIR condition. Needs NEW Belts and sheaves, and re-alignment.	
EF-E28	Steeple Roof	GREENHECK	LDP-80-D	03D15560	CENTRIFUGAL LOUVERED EXHAUST FAN	Level A Art Wing	FAIR	YES	NA.	NA	1 /15HP	1550	FLA 1.5 / 1.23 AVG		115VAC	DD	NA	19x19Curb 19.25x19.25 Fan	Exhaust Fan is in FAIR condition. No issues at this time.	
EF-6D	Steeple Roof	GREENHECK	LBP-10-4-X	03D15539	CENTRIFUGAL LOUVERED EXHAUST	Level A Art Wing	FAIR	YES	NO	POOR	1 /4HP	1725	FLA 5.1 / 4.7 AVG		115VAC	BELT	3L340 (1)	22x22 Curb. 22.5x22.5 Fan	Exhaust Fan is in FAIR condition. Needs NEW Belts and sheaves, and re-alignment.	
EF-7D-1	Steeple Roof	GREENHECK	LBP-10-4-X	03F11409	CENTRIFUGAL LOUVERED EXHAUST	Level A Art Wing Jewelry Exhaust Hood	FAIR	NO POWER TO FAN	NO	POOR	1 /4HP	1725	FLA 5.1 / AVG		115VAC	BELT	3L350 (1)	22x22 Curb. 22.5x22.5 Fan	Exhaust Fan is in FAIR condition. Power to Fan's location needs to be identified in order to test operations.	
EF-7D-2	Steeple Roof	GREENHECK	LBP-10-4-X	00K09919	FAN CENTRIFUGAL LOUVERED EXHAUST	Level A Art Wing Jewelry Exhaust Hood	FAIR	NO POWER TO FAN	NO	POOR	1 /4HP	1725	FLA 5.1 / AVG		115VAC	BELT	3L350 (1)	22x22 Curb. 22.5x22.5 Fan	Exhaust Fan is in FAIR condition. Power to Fan's location needs to be identified in order to test operations.	
EF-3	Barrel	GREENHECK	CUBE-131-3-X	01H07770	FAN	UNKNOWN	FAIR	YES	NO	OK	1/8HP	1725	FLA 5.8 / 2.35A AVG		115VAC	BELT	3L180 (1)	19"X19" Curb	Exhaust Fan is in FAIR condition. Motor has bad bearings and is noisey. Needs NEW Belts and sheaves, and re- alignment. Recommend New motor as well.	
EF-5B	Barrel	GREENHECK	LBP-18-5-X	5102624	CENTRIFUGAL LOUVERED EXHAUST	UNKNOWN	FAIR	YES	NO	POOR	1/2HP	1725	FLA 1.1 / 0.9 AVG		115VAC	BELT	4L480 (1)	19.25"x19.25" Fan 29.75"x29.75" Curb.	Exhaust Fan is in FAIR condition. Motor has bad bearings and is noisey. Needs NEW Belts and sheaves, and re- alignment	
EF-2B	Barrel	GREENHECK	LBP-21-7-X	05L05004	FAN  CENTRIFUGAL LOUVERED EXHAUST	UNKNOWN	FAIR	NO POWER TO FAN	NO NO	POOR	1/2HP 3/4HP	1725	FLA 1.4/ ?		460-3PH	BELT	4L450	30.5"x30.5" fan 30"X30" Curb	anginment.  Exhaust Fan is in FAIR condition. Power to Fan's location needs to be identified in order to test operations.	
					FAN  IN-LINE VERTICAL													30.5"x30.5" Fan 21.25"x21.25" Curb.	Exhaust Fan is in FAIR condition. Power to Fan's location needs to be identified in order to test operations.	
EF-4	Barrel	GREENHECK	TCBRU-2-10-7	01K07743	EXHAUST FAN	UNKNOWN	FAIR	NO POWER TO FAN	NO	POOR	3/4HP	1725	FLA 1.5 / ?		460-3PH	BELT	AA41 (1)	22"x22" Fan 18.5"X18.5" Curb	Exhaust Fan is in FAIR condition. Power to Fan's location needs to be identified in order to test operations.	
EF-5	Barrel	GREENHECK	CUBE-095-3	01K12429	MUSHROOM	UNKNOWN	FAIR	YES	NO	POOR	1 /3HP	1725	FLA 3.3 / ?		208-3PH	BELT	3L200 (1)	19'x19" Fan 18.5"X18.5" Curb	Exhaust Fan is in POOR condition. No Motor in unit. Due to age and condition Recommend full unit replacement.	
EF-6	Barrel	GREENHECK	CUBE-101-3	01K12437	MUSHROOM	UNKNOWN	FAIR	NO MOTOR	UNKNOWN	POOR	UNKNOWN	1725	UNKNOWN		115VAC	BELT	3L180 (1)	19'x19" Fan	Supply FA Fan is in POOR condition, Motor is seized. Due to age and condition, Recommend full unit	
FF-B4	Barrel	GREENHECK	RSFP-100-4-X	05L05012	LOUVERED SUPPLY FAN CENTRIFUGAL	UNKNOWN	POOR	NO SIEZED MOTOR	NO	POOR	1 /4HP	1725	FLA 4.6 / 4.2A AVG	YES 12X25X1 (4)	115VAC	BELT	3L420 (1)	29"x29" Curb. 30"x30" Fan	replacement.	
EF-38	Barrel	GREENHECK	LBP-16-5-X	05L05003	LOUVERED EXHAUST FAN	UNKNOWN	FAIR	YES	NO	POOR	1 /2HP	1725	FLA 1.0 / 0.9A AVG		115VAC	BELT	4L460 (1)	29.5'x29.5' Curb 30'x30' Fan	Exhaust Fan is in FAIR condition. Needs NEW Belts and sheaves, and re-alignment.	
EF-B4	Barrel	GREENHECK	LBP-14-4-X	05L06824	CENTRIFUGAL LOUVERED EXHAUST FAN	UNKNOWN	FAIR	YES	NO	POOR	1 /4HP	1725	FLA 4.6 / 4.1A AVG		115VAC	BELT	3L380 (1)	26.5"x26.5" Curb 27"x27" Fan	Exhaust Fan is in FAIR condition. Needs NEW Belts and sheaves, and re-alignment.	
EF-1A	North Side	GREENHECK	LBP-18-5-X	05L05002	CENTRIFUGAL LOUVERED EXHAUST FAN	UNKNOWN	FAIR	NO POWER TO FAN	NO	POOR	1 /2HP	1725	FLA 1.9 / AVG	YES 12X25X1 (2) 12x20x1 (2)	208-3PH	BELT	AX43 (1)	29"x29" Curb. 30.5"x30.5" Fan	Exhaust Fan is in FAIR condition. Power to Fan's location needs to be identified in order to test operations.	
FF-B5	North Side	GREENHECK	RSFP-90-4-X	05L05011	CENTRIFUGAL LOUVERED SUPPLY FAN	UNKNOWN	FAIR	YES	NO	POOR	1 /4HP	1725	FLA 4.6 / AVG Broken Belt	YES 12X25X1 (2) 12x20x1 (2)	115VAC	BELT	3L380 (1)	25"x25" Curb 26"x26" Fan	Supply FA Fan is in FAIR condition. Broken Belt and worn sheaves. Motor has noisy bearings. Recommend replacing the Belt and Sheaves as well as the intake air metal filters.	
EF-2A	North Side	GREENHECK	LD-90	05L05005	MUSHROOM	UNKNOWN	FAIR	YES	NA.	NA	1 /20HP	1050	FLA 0.8 / 0.72A AVG		115VAC	DD	NA	17.5"X17.5" Curb 19.25"x19.25" Fan	Exhaust Fan is in FAIR condition. No issues at this time.	
EF-3A	North Side	GREENHECK	LBP-10-4-X	05L05001	CENTRIFUGAL LOUVERED EXHAUST FAN	UNKNOWN	FAIR	YES	NO	POOR	1 /4HP	1725	FLA 4.6 / 4.26A AVG Broken Belt		115VAC	BELT	3L350 (1)	22x22 Curb. 22.5x22.5 Fan	Exhaust Fan is in FAIR condition. Broken Belt and worn sheaves. Motor has noisy bearings. Recommend replacing the Belt and Sheaves as well.	
EF-4A	North Side	GREENHECK	LBP-18-3-X	05L06825	CENTRIFUGAL LOUVERED EXHAUST FAN	UNKNOWN	FAIR	YES	NO	POOR	1 /3HP	1725	FLA 6.6 / 5.8A AVG		115VAC	BELT	AX45 (1)	29"x29" Curb. 30.5"x30.5" Fan	Exhaust Fan is in FAIR condition. Broken Belt and worn sheaves. Motor has noisy bearings. Recommend replacing the Belt and Sheaves as well.	
EF-5A	North Side	GREENHECK	LBP-14-3-X	05L06822	CENTRIFUGAL LOUVERED EXHAUST FAN	UNKNOWN	FAIR	YES	NO	POOR	1 /8HP	1725	FLA 6.6 / 6.25A AVG		115VAC	BELT	3L400 (1)	25x25 Curb. 26x26 Fan	Exhaust Fan is in FAIR condition. Broken Belt and worn sheaves. Motor has noisy bearings. Recommend replacing the Belt and Sheaves as well.	
EF-6A	North Side	GREENHECK	LBP-10-4-X	05L06819	CENTRIFUGAL LOUVERED EXHAUST	UNKNOWN	FAIR	YES	NO	POOR	1 /4HP	1725	FLA 4.6 / 4.28A AVG		115VAC	BELT	3L350 (1)	20.5"x20.5" Curb. 22.5"x22.5" Fan	Exhaust Fan is in FAIR condition. Motor is out of alignment and belt is heavily worn. Recommend replacing the Belt and Sheaves as well.	
FF-B1	North Side	GREENHECK	TCBRS-1-10-X-4	05L05905	FAN IN-LINE VERTICAL EXHAUST FAN 2555	UNKNOWN	FAIR	NO SIEZED MOTOR	NO	POOR	1 /4HP	1725	FLA 5.4 / AVG NO BELT		115VAC	BELT	?	21"x21" Curb. 22"x22" Fan	Exhaust Fan is in FAIR condition. No Belt unknown size needed and worn sheaves. Motor has noisy bearings. Recommend replacing the Belt and Sheaves as well. Unable to test fans operations.	
EF-7A	North Side	GREENHECK	LBP-10-4-X	05L06820	Max RPM @ 70F  CENTRIFUGAL  LOUVERED EXHAUST	UNKNOWN	FAIR	YES	NO	POOR	1 /4HP	1725	FLA 4.6 / 4.07A AVG		115VAC	BELT	3L350 (1)	25x25 Curb.	Exhaust Fan is in FAIR condition. Motor is out of alignment and belt is heavily worn. Recommend replacing the Belt and Sheaves as well.	
EF-8A	North Side	GREENHECK	LBP-10-3-X	05L06821	FAN CENTRIFUGAL LOUVERED EXHAUST	UNKNOWN	FAIR	YES	NO	POOR	1 /3HP	1725	FLA 6.0 / 5.23A AVG		115VAC	BELT	AX35 (1)	26x26 Fan 25x25 Curb.	Exhaust Fan is in FAIR condition. Motor is out of alignment and belt is heavily worn. Recommend replacing the Belt and Sheaves as well.	
EF-10A	North Side	GREENHECK	LBP-14-4-X	05L06823	FAN CENTRIFUGAL LOUVERED EXHAUST	UNKNOWN	FAIR	YES	NO	POOR	1/4HP	1725	FLA 4.6 / 4.25A AVG		115VAC	BELT	3L390 (1)	26x26 Fan 25x25 Curb.	Exhaust Fan is in FAIR condition. Motor is out of alignment and belt is heavily worn. Recommend replacing the Belt and Sheaves as well.	
EF-11A		GREENHECK	LBP-10-4-X	05L06023	FAN  CENTRIFUGAL LOUVERED EXHAUST	UNKNOWN	FAIR	YES	NO NO	POOR	1/4HP	1725	FLA 4.6 / 4.15A AVG		115VAC	BELT	AX33 (1)	26x26 Fan 25x25 Curb.	Dent aftir Streams with Streams as well.  Exhaust Fan is in FAIR condition. Motor is out of alignment and belt is heavily worn. Recommend replacing the Belt and Sheaves as well.	
	North Side				FAN CENTRIFUGAL													26x26 Fan 21.5"x21.5" Curb.	Exhaust Fan is in FAIR condition. Broken Belt and worn sheaves. Motor has noisy bearings. Recommend	
EF-12A	South Side	GREENHECK	LBP-10-4-X	5102816	LOUVERED EXHAUST FAN CENTRIFUGAL	UNKNOWN	FAIR	YES	NO NO	POOR	1 /4HP	1725	FLA 4.6 / 3.97A AVG		115VAC	BELT	AX33 (1)	22"x22" Fan 18.5"x18.5" Curb.	replacing the Belt and Sheaves as well.  Exhaust Fan is in FAIR condition. Broken Belt and worn sheaves. Motor has noisy bearings. Recommend	
EF-13A	South Side	GREENHECK	LBP-10-4-X	5102817	LOUVERED EXHAUST FAN CENTRIFUGAL	UNKNOWN	FAIR	YES	NO	POOR	1 /4HP	1725	FLA 4.6 / 4.15A AVG		115VAC	BELT	AX33 (1)	22.5"x22.5" Fan 25.5"x25.5" Curb	replacing the Belt and Sheaves as well.  Exhaust Fan is in FAIR condition. Broken Belt and worn sheaves. Motor has noisy bearings pulling High Amps.	
EF-14A	South Side South Side	GREENHECK	LBP-14-5-X	5102821	LOUVERED EXHAUST FAN	UNKNOWN	FAIR	YES	NO	POOR	1 /2HP	1725	FLA 8.8 / 8.2A AVG		115VAC	BELT	AX38 (1)	25.5'X25.5' Curb 26'X26' Fan 17.5'X17.5' Curb	Recommend replacing the Motor,Belt and Sheaves as well.  Exhaust Fan is in FAIR condition. No issues at this time.	
EF-15A	Auditorium Roof	GREENHECK	LD-90	5102825	MUSHROOM	UNKNOWN	FAIR	YES	NA.	NA NA	1 /20HP	1050	FLA 0.8 / 0.74A AVG		115VAC	DD	NA NA	19.25"x19.25" Fan	Exhaust Fan is NEW condition. No issues at this time.	
EF-X	South Side Auditorium Roof	FANTECH	5DDD18EB	1002682075	MUSHROOM	UNKNOWN	NEW	YES	NA.	NA NA	3/4HP	1106	FLA 7.8 / 4.79A AVG		115VAC	DD	NA NA	28"x28" Curb 30.5"x30.5" Fan	Exhaust Fan is NEW condition. No issues at this time.  Exhaust Fan is in FAIR condition. Broken Belt and worm sheaves. Motor has noisy bearings. Recommend	
EF-16A	South Side Auditorium Roof	GREENHECK	LBP-10-4-X	5102818	LOUVERED EXHAUST FAN	UNKNOWN	FAIR	YES	NO	POOR	1 /4HP	1725	FLA 4.6 / 4.10A AVG		115VAC	BELT	AX33 (1)	21.5"x21.5" Curb. 22.25"x22.25" Fan	replacing the Belt and Sheaves as well.	
EF-17A	Rear South Side	GREENHECK	LBP-10-4-X	5102819	CENTRIFUGAL LOUVERED EXHAUST FAN	UNKNOWN	FAIR	YES	NO	POOR	1 /4HP	1725	FLA 4.6 / 3.8A AVG		115VAC	BELT	3L350 (1)	21.5"x21.5" Curb. 22.25"x22.25" Fan	Exhaust Fan is in FAIR condition. Broken Belt and worn sheaves. Motor has noisy bearings. Recommend replacing the Belt and Sheaves as well.	
EF-1B	Rear South Side	GREENHECK	LBP-18-5-X	5102823	CENTRIFUGAL LOUVERED EXHAUST FAN	UNKNOWN	FAIR	YES	NO	POOR	1 /2HP	1725	FLA 1.1 / .98A AVG		460-3PH	BELT	AX45 (1) OR 4L470 (1)	29.5"x29.5" Curb 30.5"x30.5" Fan	Exhaust Fan is in FAIR condition. Needs NEW Belts and sheaves, and re-alignment.	
EF-1F	Rear South Side	GREENHECK	LBP-14-4-X	5102820	CENTRIFUGAL LOUVERED EXHAUST FAN	UNKNOWN	FAIR	YES	NO	POOR	1 /4HP	1725	FLA 4.6 / 3.7A AVG		115VAC	BELT	3L340 (1) OR 3L390 (1)	25.5"x25.5" Curb 26"x26" Fan	Exhaust Fan is in FAIR condition. Broken Belt and worn sheaves. Motor has noisy bearings. Recommend replacing the Belt and Sheaves as well.	
EF-1	Rear South Side	GREENHECK	CUBE-240-20-6	05K15644	MUSHROOM	KITCHEN	FAIR	YES	NO	POOR	2HP	1725	FLA 6.2 / 4.61A AVG		460-3PH	BELT	AX31 (1)	33.5"X33.5" Curb 34.5"x34.5" Fan	Exhaust Fan is in FAIR condition. Needs NEW Belts and sheaves, and re-alignment.	
EF-B1	Rear South Side	GREENHECK	GB-121-3-A	5106843	MUSHROOM	UNKNOWN	FAIR	NO SHORTED MOTOR	NO	POOR	1 /3HP	1725	FLA 6.1 / AVG		115VAC	BELT	4L210 (1)	18.5"x18.5" Curb. 19.5"x19.5" Fan	Exhaust Fan is in POOR condition. Shorted to ground Motor, Due to age and condition Recommend full unit replacement.	
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