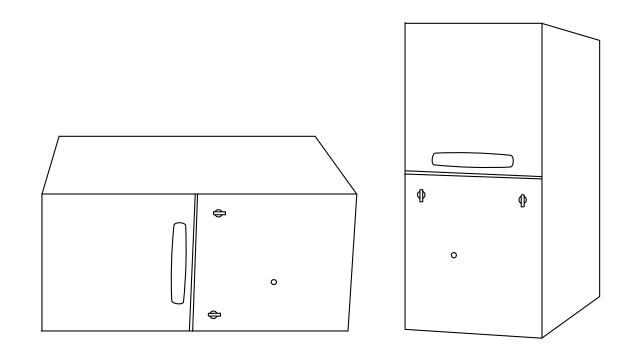


Upflow/Horizontal 90% 2-Stage, Variable Speed Gas-Fired Condensing Furnace with Whole House Air Cleaner

XV90i

TUX2B060AFV3VA, TUX2B080AFV3VA, TUX2C100AFV4VA, TUX2D120AFV5VA



PUB. NO. 22-1803-05



Features Summary

WHOLE HOUSE AIR CLEANER

The Whole House Air Cleaner uses advanced technology to remove up to 99.98% of allergens from the filtered air and removes particles down to .3 microns in size. Cleaning intervals of 1-3 months are typical, depending on the home environment.

NATURAL GAS MODELS

Central Heating furnace designs are certified by the American Gas Association for both natural and L.P. gas. Limit setting and rating data were established and approved under standard rating conditions using American National Standards Institute standards.

SAFE OPERATION

The Integrated System Control has solid state devices, which continuously monitor for presence of flame, when the system is in the heating mode of operation. Dual solenoid combination gas valve and regulator provide extra safety.

QUICK HEATING

Durable, cycle tested, heavy gauge aluminized steel heat exchanger quickly transfers heat to provide warm conditioned air to the structure. Low energy power vent blower, to increase efficiency and provide a positive discharge of gas fumes to the outside.

BURNERS

Multiport In-shot burners will give years of quiet and efficient service. All models can be converted to L.P. gas.

INTEGRATED SYSTEM CONTROL

Exclusively designed operational program provides total control of furnace limit sensors, blowers, gas valve, flame control and includes self diagnostics for ease of service. Also contains connection points for humidifier.

CONDENSATE DRAIN

Built-in trap which can drain from either side when the furnace is installed upflow.

AIR DELIVERY

The variable speed, direct drive blower motor, has sufficient airflow for most heating and cooling requirements, will switch from heating to cooling speeds on demand from room thermostat. The blower door safety switch will prevent or terminate furnace operation when the blower door is removed.

STYLING

Heavy gauge steel and "wrap-around" cabinet construction is used in the cabinet with baked-on enamel finish for strength and beauty. The heat exchanger section of the cabinet is completely lined with foil faced fiberglass insulation. This results in quiet and efficient operation due to the excellent acoustical and insulating qualities of fiberglass. Built-in bottom pan and bottom return air connection.

FEATURES AND GENERAL OPERATION

The XV90i High Efficiency Gas Furnaces employ a Hot Surface Ignition system, which eliminates the waste of a constant burning pilot. The integrated system control lights the main burners upon a demand for heat from the room thermostat. Complete front service access.

a. Low energy power venter

b. Vent proving pressure switch.



Contents

Feature Summary	2
Features and Benefits	4
Standard Equipment	
Optional Equipment	
General Data	6
TUX2B060AFV3VA	
TUX2B080AFV3VA	
TUX2C100AFV4VA	
TUX2D120AFV5VA	
Performance Data	7
Electric Data	11
Field Wiring Diagrams	13
Dimensions	18



Features and Benefits

XV90i STANDARD EQUIPMENT

- Whole House Air Cleaner
- Upflow/Horizontal
- Power supply 115/1/60
- 2-stage gas valve
- Variable speed venter
- Variable speed ECM blower motor
- Silicon Nitride hot surface igniter with adaptive heat up
- Integrated solid state control
- Variable speed induced draft blower
- Fused 24 Volt control circuit
- Manual reset flame roll out switches
- PVC venting 1 or 2 pipe option
- Attractive color accents
- Heavy gauge aluminized steel heat exchanger
- Multi-port In-shot burners
- Complete front service access
- Slide out blower assembly

- Insulated bower door
- $\bullet \, {\rm Gasketed} \, {\rm blower} \, {\rm door}$
- $\bullet\, {\rm Two}\, {\rm tone}\, {\rm color}$
- Integrated solid state control with self-diagnostics
- Direct / Non-direct Vent Capability
- Optional L.P. conversion kit
- Left/right gas connection
- Accessory hook-up capability
- Selectable cooling fan off delay eliminates need for BAY24X045time delay kit
- Enhanced cooling control



Features and Benefits

XV90i OPTIONAL EQUIPMENT

Comfort Control, XL803, Programmable 7 Day, 3-Ht, 2-Cl	TCONT803AS32DA []
Comfort Control, XR402, Electric, 3-Ht, 2-Cl (Non-programmable)	TCONT402AN32DA []
For additional comfort control choices, see the product catalog or quick select handbook	
Propane Conversion Kit	BAYLPKT210B []
Coil Enclosure (14-1/2" Wide Cabinets)	BAYCLE14A1422A []
Coil Enclosure (17-1/2" Wide Cabinets)	BAYCLE17A1722A []
Coil Enclosure (21" Wide Cabinets)	BAYCLE21A2130A []
Coil Enclosure (24-1/2" Wide Cabinets)	BAYCLE24A2430A[]
High Altitude Switch	BAYHALT249 []
Masonry Chimney Vent Kit	BAYVENT800B []
Downflow Sub-base	BAYBASE205 []
Concentric Vent Kit	BAYAIR30AVENTA []
Sidewall Vent Termination Kit	BAYVENT200B []
Manufactured / Mobile Home Kit	BAYMFGH100A



General Data

	Pr	oduct Specification	S ^①	
MODEL	*UX2B060AFV3VA	*UX2B080AFV3VA	*UX2C100AFV4VA	*UX2D120AFV5VA
ТҮРЕ	Upflow / Horizontal	Upflow / Horizontal	Upflow / Horizontal	Upflow / Horizontal
RATINGS 2				
1st Stage Input BTUH	39,000	52,000	65,000	72,000
1st Stage Capacity BTUH (ICS)	3 36,000	48,000	60,000	66,600
2nd Stage Input BTUH	60,000	80,000	100,000	120,000
2nd Stage Capacity BTUH (ICS		73,000	93,000	112,000
Temp. rise (MinMax.) °F.	35 - 65	35 - 65	35 - 65	40 - 70
AFUE (%)	93.0	92.5	93.0	92.5
BLOWER DRIVE	DIRECT	DIRECT	DIRECT	DIRECT
Diameter - Width (In.)	10 x 7	10 x 8	11 x 10	10 x 10
No. Used	1	1	1	1
Speeds (No.)	Variable	Variable	Variable	Variable
	See Fan Performance Table	See Fan Performance Table	See Fan Performance Table	See Fan Performance Table
Motor HP	1/2	1/2	3/4	1
R.P.M.	Variable	Variable	Variable	Variable
Volts / Ph / Hz	115/1/60	115/1/60	115/1/60	115/1/60
COMBUSTION FAN - Type	Centrifugal	Centrifugal	Centrifugal	Centrifugal
Drive - No. Speeds	Direct - Variable	Direct - Variable	Direct - Variable	Direct - Variable
Motor HP - R.P.M	1/50 - 5000	1/50 - 5000	1/50 - 5000	1/50 - 5000
Volts / Ph / Hz	33 - 110/3/60 - 180	33 - 110/3/60 - 180	33 - 110/3/60 - 180	33 - 110/3/60 - 180
FLA	1.0	1.0	1.0	1.0
FILTER — Furnished?	Yes	Yes	Yes	Yes
	Whole House Air Cleaner	Whole House Air Cleaner	Whole House Air Cleaner	Whole House Air Cleaner
Type Max Indeer Deletive Humidity (5)				
Max. Indoor Relative Humidity (5)	65%	65%	65%	65%
VENT — Size (in.)	2 Round	2 Round	3 Round	3 Round
		Alexandra de Charal Trana I	Aluminized Cheel, Turnel	
Type -Fired	Aluminized Steel - Type I	Aluminized Steel - Type I	Aluminized Steel - Type I	Aluminized Steel - Type I
-Unfired	22	22	~	~
Gauge (Fired)	20	20	20	20
ORIFICES — Main	o 15			o 17
Nat. Gas. Qty. — Drill Size	3-45	4-45	5-45	6-45
L.P. Gas Qty. — Drill Size	3-56	4-56	5-56	6-56
GAS VALVE	Redundant - Two Stage	Redundant - Two Stage	Redundant - Single Stage	Redundant - Single Stage
PILOT SAFETY DEVICE				
Туре	Hot Surface Ignition	Hot Surface Ignition	Hot Surface Ignition	Hot Surface Ignition
BURNERS — Type	Multiport Inshot	Multiport Inshot	Multiport Inshot	Multiport Inshot
Number	3	4	5	6
POWER CONN. — V / Ph / Hz	4) 115/1/60	115/1/60	115/1/60	115/1/60
Ampacity (In Amps)	8.7	9.5	13.1	13.5
Max. Overcurrent Protection (Amps		15	20	20
PIPE CONN. SIZE (IN.)	1/2	1/2	1/2	1/2
DIMENSIONS	H x W x D	H x W x D	H x W x D	H x W x D
Crated (In.)	41-3/4 x 19-1/2 x 30-1/2	41-3/4 x 19-1/2 x 30-1/2	41-3/4 x 23 x 30-1/2	41-3/4 x 26-1/2 x 30-1/2
Uncrated (In.)	40 x 17-1/2 x 28-1/2	40 x 17-1/2 x 28-1/2	40 x 21 x 28-1/2	40 x 24-1/2 x 28-1/2
WEIGHT				
Shipping (Lbs.) / Net (Lbs.)	161 / 149	171 / 159	200 / 188	209 / 196

Draduat Spacifications (1)

① Central Furnace heating designs are certified by AGA and CSA.

© For U.S. applications, above input ratings (BTUH) are up to 2,000 feet, derate 4% per 1,000 feet for elevations above 2,000 feet above sea level. For Canadian applications, above input ratings (BTUH) are up to 4,500 feet, derate 4% per 1,000 feet for elevations above 4,500 feet above sea level.

③ Based on U.S. government standard tests.

 The above wiring specifications are in accordance with National Electrical Code; however, installations must comply with local codes.
The FIELD CHARGER may require more frequent cleaning in homes with high indoor relative humidity (greater than 65% RH). Consult your service professional about cleaning intervals.



	*UX20	C060AFV3VA F	urnace He	ating Airflov	w (CFM) and F	Power (wat	ts) vs. Exter	nal Static P	ressure Wi	th Filter
		Airflow	Dip Swite	h Setting			Extern	al Static Pro	essure	
		Setting	SW7	SW8	1 [0.1	0.3	0.5	0.7	0.9
					CFM	672	691	677	669	652
		Low	ON	ON	Temp. Rise	50	49	50	50	52
					Watts	70	106	138	172	202
					CFM	738	757	757	724	713
		Medium Low	OFF	ON	Temp. Rise	46	44	44	46	47
	Heating				Watts	84	123	160	187	225
	1st Stage		ON	1	CFM	800	823	806	800	782
		Medium**		OFF	Temp. Rise	42	41	42	42	43
6					Watts	103	143	177	216	253
Heating			OFF	OFF	CFM	900	920	925	926	824
at		High			Temp. Rise	37	37	36	36	41
4e					Watts	130	177	222	268	270
-			ON	ON	CFM	928	955	953	950	834
		Low			Temp. Rise	56	54	54	54	62
					Watts	143	194	237	282	276
					CFM	1042	1059	1063	1051	877
	Heating	Medium Low	OFF	ON	Temp. Rise	50	49	49	49	59
	2nd				Watts	186	243	294	338	292
	Stage				CFM	1152	1166	1157	1081	901
	Stage	Medium**	ON	OFF	Temp. Rise	45	44	45	48	57
					Watts	244	304	353	359	307
					CFM	1289	1287	1259	1118	951
		High	OFF	OFF	Temp. Rise	40	40	41	46	54
					Watts	336	397	432	382	331

)afv3va f		oling Airflow (CFM) and F	Power (Watt	s) vs. Exter				
	Unit	Airflow		Dip Swit	ch Setting			Extern	al Static Pre	essure		
(Outdoor	Setting	SW1	SW2	SW3	SW4		0.1	0.3	0.5	0.7	0.9
		Low (350	ON	ON	OFF	ON	CFM	621	610	610	594	581
		CFM/Ton)	ON	ON	01	ON	Watts	63	90	121	150	181
	1.5	Normal (400	ON	ON	OFF	OFF	CFM	673	688	686	665	650
	1.5	CFM/ton)	ON	ON	01	011	Watts	72	105	139	172	204
		High (450	ON	ON	ON	OFF	CFM	736	754	753	726	715
		CFM/ton)	ON	ON	ON	011	Watts	86	124	160	189	226
		Low (350	OFF	ON	OFF	ON	CFM	767	776	769	750	730
		CFM/Ton)	UFF	ON	OFF	OFF	Watts	93	128	164	197	232
	2	Normal (400	OFF	ON	OFF		CFM	841	853	854	847	824
	2	CFM/ton)	UFF	ON	OFF		Watts	112	154	196	235	269
		High (450	OFF		ON	OFF	CFM	925	955	955	949	837
		CFM/ton)	OFF	ON	ON	UFF	Watts	140	196	238	282	279
ק		Low (350	ON	OFF	OFF	ON	CFM	904	927	925	922	830
8		CFM/Ton)	ON	OFF	OFF	ON	Watts	133	181	225	269	274
S	2.5	Normal (400	ON	OFF	OFF	OFF	CFM	1030	1051	1052	1047	870
5	2.5	CFM/ton)	ON	OFF	OFF	OFF	Watts	183	238	288	355	291
		High (450	ON	OFF	ON	OFF	CFM	1160	1161	1160	1078	890
		CFM/ton)	ON	011	ON	011	Watts	251	304	356	357	303
		Low (350	OFF	OFF	OFF	ON	CFM	1070	1088	1090	1069	879
		CFM/Ton)	UFF	UFF	UFF	UN	Watts	204	259	310	351	296
	3	Normal (400	OFF	OFF	OFF	OFF	CFM	1216	1201	1204	1098	923
	J	CFM/ton)	OFF	UFF	OFF	OFF	Watts	285	330	389	370	316
		High (450	OFF	OFF	ON	OFF	CFM	1339	1349	1280	1134	971
		CFM/ton)	OFF	UFF	ON	UFF	Watts	373	448	449	398	345

1. * First letter may be "A" or "T".

 2. ** Factory setting.
2. ** Factory setting.
3. Continuous Fan Setting: Heating or cooling airflow is approximately 50% of selected cooling value.
4. For variable speed low speed airflows are approximately 30% of listed values.
5. LOW 350 cfm/ton is recommended for variable speed application for COMFORT & HUMID CLIMATE setting; NORMAL is 400 cfm/ton; HIGH 450 cfm/ton is for DRY CLIMATE setting.



	*UX2B	080AFV3VA	Furnace H	eating Airflo	ow (CFM) and	Power (wa	itts) vs. Exte	ernal Static	Pressure W	ith Filter
		Airflow	Dip Swite	h Setting			Extern	al Static Pro	essure	
		Setting	SW7	SW8		0.1	0.3	0.5	0.7	0.9
					CFM	736	755	770	774	766
		Low	ON	ON	Temp. Rise	61	59	58	58	58
					Watts	83	123	161	205	250
					CFM	810	854	872	877	875
		Medium Low	OFF	ON	Temp. Rise	55	52	51	51	51
	Heating				Watts	100	153	194	242	293
	1st Stage		ON		CFM	904	968	978	977	977
		Medium**		OFF	Temp. Rise	49	46	46	46	46
5					Watts	128	198	246	288	340
Heating			OFF	OFF	CFM	1092	1120	1113	1116	1116
ati		High			Temp. Rise	41	40	40	40	40
Че Т					Watts	203	275	320	365	422
_			ON	ON	CFM	1049	1083	1088	1076	1080
		Low			Temp. Rise	65	63	63	64	63
					Watts	185	257	308	343	396
					CFM	1360	1359	1371	1316	1196
	Heating	Medium Low	OFF	ON	Temp. Rise	50	50	50	52	57
	2nd				Watts	364	450	531	540	484
	Stage				CFM	1351	1357	1375	1314	1198
	Olage	Medium**	ON	OFF	Temp. Rise	51	50	50	52	57
					Watts	372	454	530	538	487
					CFM	1351	1376	1359	1318	1212
		High	OFF	OFF	Temp. Rise	51	50	50	52	57
					Watts	369	465	517	542	496

	*UX2B080/	AFV3VA Fi	urnace Cool	ling Airflow (C	CFM) and P	ower (Watts) vs. Extern	al Static Pre	essure With	Filter	
Unit	Airflow		Dip Swit	ch Setting				Extern	al Static Pre	essure	
Outdoor	Setting	SW1	SW2	SW3	SW4		0.1	0.3	0.5	0.7	0.9
	Low (350	ON	ON	OFF	ON	CFM	646	659	672	656	640
	CFM/Ton)	ON	ON	OFF	ON	Watts	65	96	135	171	202
2	Normal (400	ON	ON	OFF	OFF	CFM	732	750	769	764	761
2	CFM/ton)	ON	ON	UFF	OFF	Watts	81	120	162	201	248
	High (450	ON	ON	ON	OFF	CFM	811	848	872	875	874
	CFM/ton)	ON	ON	ON	OFF	Watts	101	153	195	243	292
	Low (350	OFF	ON	OFF	ON	CFM	790	807	832	839	832
	CFM/Ton)	OFF	ON	OFF	ON	Watts	96	137	181	227	275
2.5	Normal (400	OFF	ON	OFF	OFF	CFM	896	956	968	967	967
2.5	CFM/ton)	OFF	ON	011	UFF	Watts	127	194	239	285	337
	High (450	OFF	ON	ON	OFF	CFM	1055	1084	1096	1078	1084
	CFM/ton)		ON	ON	OFF	Watts	191	253	309	346	401
2	Low (350	ON	OFF	OFF	ON	CFM	953	1007	1012	1013	1005
3	CFM/Ton)	ON	011	011	ON	Watts	149	218	269	309	357
3	Normal (400	ON	OFF	OFF	OFF	CFM	1129	1147	1146	1153	1138
5	CFM/ton)	ON	011	011	011	Watts	224	292	346	407	443
	High (450	ON	OFF	ON	OFF	CFM	1275	1298	1306	1296	1185
	CFM/ton)	ON	011	ON	011	Watts	313	399	475	526	477
	Low (350	OFF	OFF	OFF	ON	CFM	1146	1158	1164	1174	1148
	CFM/Ton)					Watts	233	298	358	419	448
3.5	Normal (400	OFF	OFF	OFF	OFF	CFM	1343	1364	1370	1317	1200
5.5	CFM/ton)				011	Watts	363	449	518	546	486
	High (450	OFF	OFF	ON	OFF	CFM	1346	1364	1371	1327	1194
	CFM/ton)	OFF	OFF		UFF	Watts	361	449	526	545	485

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* First letter may be "A" or "T".
** Factory setting.

3. Continuous Fan Setting: Heating or cooling airflow is approximately 50% of selected cooling value.

Governmedde van ootanig, Frodanig of ootaning annot is approximately 30% of listed values.
For variable speed low speed airflows are approximately 30% of listed values.
LOW 350 cfm/ton is recommended for variable speed application for COMFORT & HUMID CLIMATE setting; NORMAL is 400 cfm/ton; HIGH 450 cfm/ton is for DRY CLIMATE setting.



	*UX20	C100AFV4VA	Furnace H	leating Airflov	v (CFM) and F	Power (watt	s) vs. Exter	nal Static P	ressure Wit	h Filter
		Airflow		ch Setting	l` í [,	/	al Static Pr		
		Setting	SW7	SW8	1	0.1	0.3	0.5	0.7	0.9
					CFM	903	940	944	953	958
		Low	ON	ON	Temp. Rise	62	60	59	59	58
					Watts	104	155	201	253	308
					CFM	999	1016	1042	1066	1070
		Medium Low	OFF	ON	Temp. Rise	56	55	54	53	52
	Heating				Watts	129	178	237	301	359
	1st Stage				CFM	1090	1145	1190	1206	1207
		Medium**	ON	OFF	Temp. Rise	51	49	47	46	46
5					Watts	156	227	300	370	434
ĉ				OFF	CFM	1234	1291	1328	1342	1339
ati		High	OFF		Temp. Rise	45	43	42	42	42
Heating					Watts	211	296	375	448	517
-			ON	ON	CFM	1256	1321	1341	1351	1340
		Low			Temp. Rise	69	65	64	64	64
					Watts	221	313	383	457	521
					CFM	1398	1449	1451	1457	1420
	Heating	Medium Low	OFF	ON	Temp. Rise	62	59	59	59	61
	2nd				Watts	293	382	455	535	577
					CFM	1557	1595	1626	1609	1438
	Stage	Medium**	ON	OFF	Temp. Rise	55	54	53	54	60
					Watts	395	493	597	668	597
					CFM	1748	1781	1795	1640	1476
		High	OFF	OFF	Temp. Rise	49	48	48	53	58
					Watts	548	667	761	695	627

	*UX2C100) AFV4VA F	urnace Cooli	ng Airflow (C	FM) and Po	wer (Watts)	vs. Externa	I Static Pres	ssure With	Filter	
Unit	Airflow		Dip Swite	h Setting				Extern	al Static Pro	essure	
Outdoor	Setting	SW1	SW2	SW3	SW4		0.1	0.3	0.5	0.7	0.9
	Low (350	ON	ON	OFF	ON	CFM	855	886	907	905	906
	CFM/Ton)	ON	ON	UFF	ON	Watts	95	142	193	241	289
2.5	Normal (400	ON	ON	OFF	OFF	CFM	983	1002	1032	1044	1056
2.5	CFM/ton)	ON		011	011	Watts	128	178	236	295	355
	High (450	ON	ON	ON	OFF	CFM	1077	1116	1160	1181	1185
	CFM/ton)	ON	ON	ON	OFF	Watts	154	219	293	361	429
	Low (350	OFF	ON	OFF	ON	CFM	1020	1042	1076	1100	1099
	CFM/Ton)	UFF	ON	UFF		Watts	136	192	256	320	381
3	Normal (400	OFF	ON	OFF	OFF	CFM	1155	1216	1247	1260	1262
3	CFM/ton)	UFF	ON	OFF		Watts	185	263	337	404	473
	High (450	OFF	ON	ON	OFF	CFM	1309	1372	1387	1392	1362
	CFM/ton)	OFF	ON	ON	OFF	Watts	249	341	419	495	543
ת	Low (350	ON	OFF	OFF	ON	CFM	1170	1239	1269	1274	1275
20 3.5	CFM/Ton)	ON	OFF	UFF	ON	Watts	186	276	350	414	483
3.5	Normal (400	ON	OFF	OFF	OFF	CFM	1365	1418	1433	1425	1371
5 3.5	CFM/ton)	ON	OFF	UFF	OFF	Watts	278	369	452	518	550
	High (450	ON	OFF	ON	OFF	CFM	1544	1568	1602	1573	1408
	CFM/ton)	ON	011	ON	011	Watts	387	480	587	641	579
	Low (350	OFF	OFF	OFF	ON	CFM	1350	1407	1430	1425	1374
	CFM/Ton)	UFF	OFF	UFF	ON	Watts	270	362	448	516	557
4	Normal (400	OFF	OFF	OFF	OFF	CFM	1554	1581	1612	1597	1424
-	CFM/ton)		011			Watts	387	486	590	652	585
	High (450	OFF	OFF	ON	OFF	CFM	1758	1798	1784	1628	1469
	CFM/ton)	OFF	OFF		OFF	Watts	552	681	754	689	619

Notes:

1. * First letter may be "A" or "T".

** Factory setting.
Continuous Fan Setting: Heating or cooling airflow is approximately 50% of selected cooling value.

 For variable speed low speed airflows are approximately 30% of listed values.
LOW 350 cfm/ton is recommended for variable speed application for COMFORT & HUMID CLIMATE setting; NORMAL is 400 cfm/ton; HIGH 450 cfm/ton is for DRY CLIMATE setting.



	*UX2D	120AFV5VA	Furnace H	eating Airflo	ow (CFM) and	Power (wat	ts) vs. Exter	mal Static P	ressure Wit	h Filter
		Airflow	Dip Swite	ch Setting			Externa	al Static Pre	ssure	
		Setting	SW7	SW8		0.1	0.3	0.5	0.7	0.9
					CFM	1048	1077	1095	1090	1093
		Low	ON	ON	Temp. Rise	64	62	61	61	61
					Watts	204	262	319	360	405
				ON	CFM	1199	1205	1221	1231	1248
		Medium Low	OFF		Temp. Rise	56	55	55	54	54
	Heating				Watts	262	314	377	444	512
	1st Stage				CFM	1327	1365	1389	1404	1404
		Medium**	ON	OFF	Temp. Rise	50	49	48	48	48
5					Watts	320	397	472	548	613
Heating			OFF	OFF	CFM	1592	1616	1633	1629	1458
ati		High			Temp. Rise	42	41	41	41	46
۹ ۲					Watts	477	565	643	718	657
_					CFM	1740	1746	1743	1658	1482
		Low	ON	ON	Temp. Rise	59	59	59	62	69
					Watts	626	709	779	780	709
					CFM	1955	1960	1834	1694	1529
	Heating	Medium Low	OFF	ON	Temp. Rise	53	52	56	61	67
	2nd				Watts	837	928	871	810	745
	Stage				CFM	2123	1997	1871	1737	1578
	Olugo	Medium**	ON	OFF	Temp. Rise	48	51	55	59	65
					Watts	1031	971	912	854	787
					CFM	2179	2066	1949	1817	1660
		High	OFF	OFF -	Temp. Rise	47	50	53	57	62
					Watts	1111	1058	1000	941	869

		*UX2D120	AFV5VA Fi	urnace Coo	ling Airflow (C	CFM) and P	ower (Watts) vs. Externa	al Static Pre	essure With	Filter	
	Unit	Airflow		Dip Swit	ch Setting				Externa	al Static Pre	essure	
	Outdoor	Setting	SW1	SW2	SW3	SW4		0.1	0.3	0.5	0.7	0.9
		Low (350	OFF	ON	OFF	ON	CFM	1219	1230	1246	1252	1271
		CFM/Ton)	011		011	511	Watts	214	271	337	399	472
	3.5	Normal (400	OFF	ON	OFF	OFF	CFM	1425	1451	1481	1496	1431
	5.5	CFM/ton)	ULI	ON	011	011	Watts	320	398	480	561	583
		High (450	OFF	ON	ON	OFF	CFM	1642	1671	1681	1645	1466
		CFM/ton)	ULI	ON		011	Watts	461	554	635	678	608
		Low (350	ON	OFF	OFF	ON	CFM	1431	1456	1475	1481	1422
		CFM/Ton)	ON	011	OFF		Watts	316	395	470	543	570
	4	Normal (400	ON	OFF OFF	OFF OFF	CFM	1697	1710	1720	1639	1458	
Cooling	-	CFM/ton)	ON	011	011	OFF OFF	Watts	498	583	660	668	596
l i≣		High (450	ON	OFF	ON	OFF	CFM	1916	1932	1825	1681	1510
8		CFM/ton)		011		011	Watts	690	797	764	707	635
Ű		Low (350	OFF	OFF	OFF	ON	CFM	1840	1866	1823	1679	1502
		CFM/Ton)	011	011	011		Watts	623	725	760	705	632
	5	Normal (400	OFF	OFF	OFF OFF	OFF	CFM	2121	1996	1868	1731	1567
	5	CFM/ton)	ULI	011		011	Watts	928	871	811	754	686
		High (450	OFF	OFF	ON	OFF	CFM	2173	2050	1929	1797	1641
	Natari	CFM/ton)	011			011	Watts	995	934	880	818	753

Notes:

1. * First letter may be "A" or "T".

2. ** Factory setting.

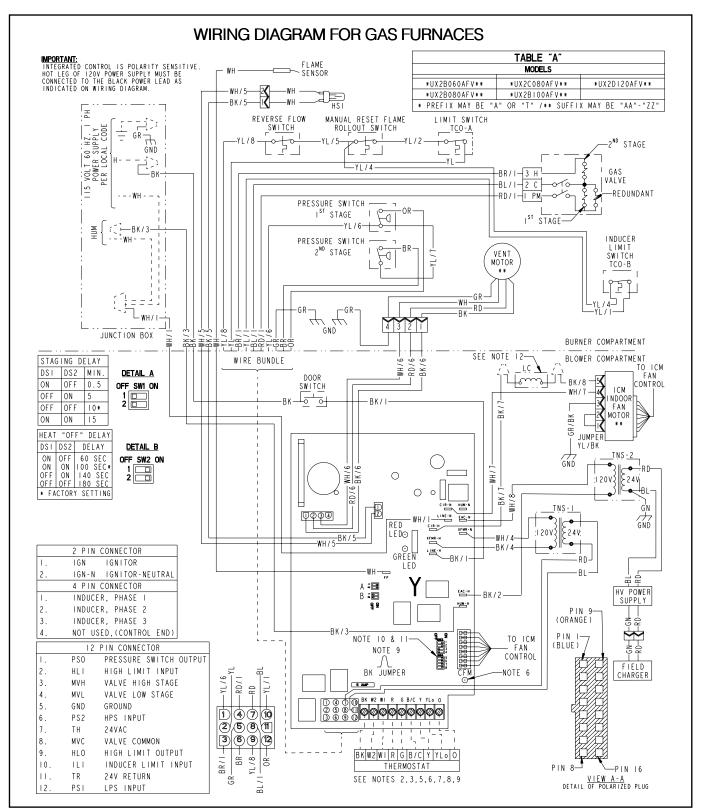
3. Continuous Fan Setting: Heating or cooling airflow is approximately 50% of selected cooling value.

4. For variable speed low speed airflows are approximately 30% of listed values.

5. LOW 350 cfm/ton is recommended for variable speed application for COMFORT & HUMID CLIMATE setting; NORMAL is 400 cfm/ton; HIGH 450 cfm/ton is for DRY CLIMATE setting.

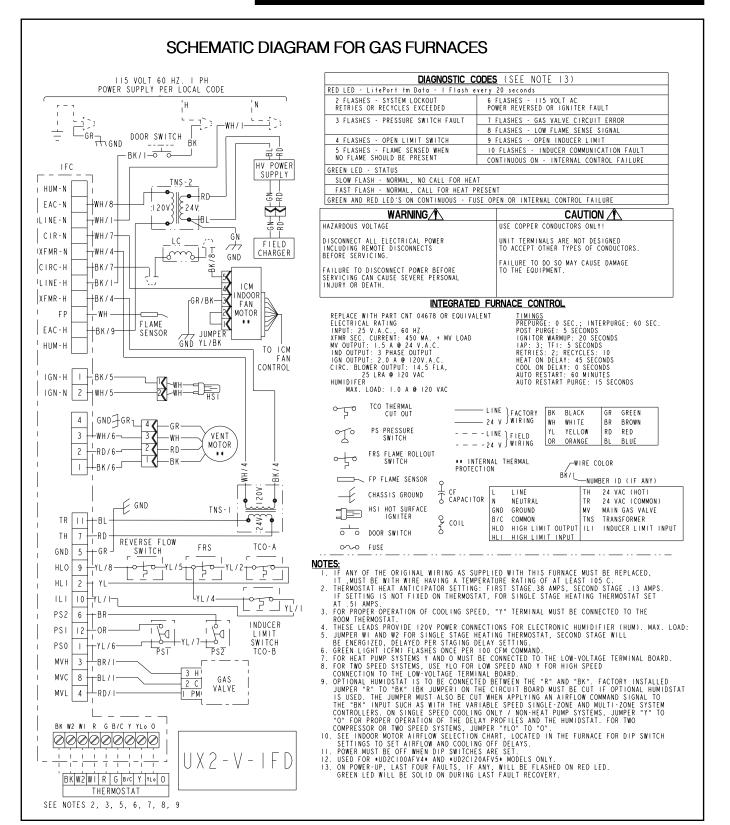


Electrical Data

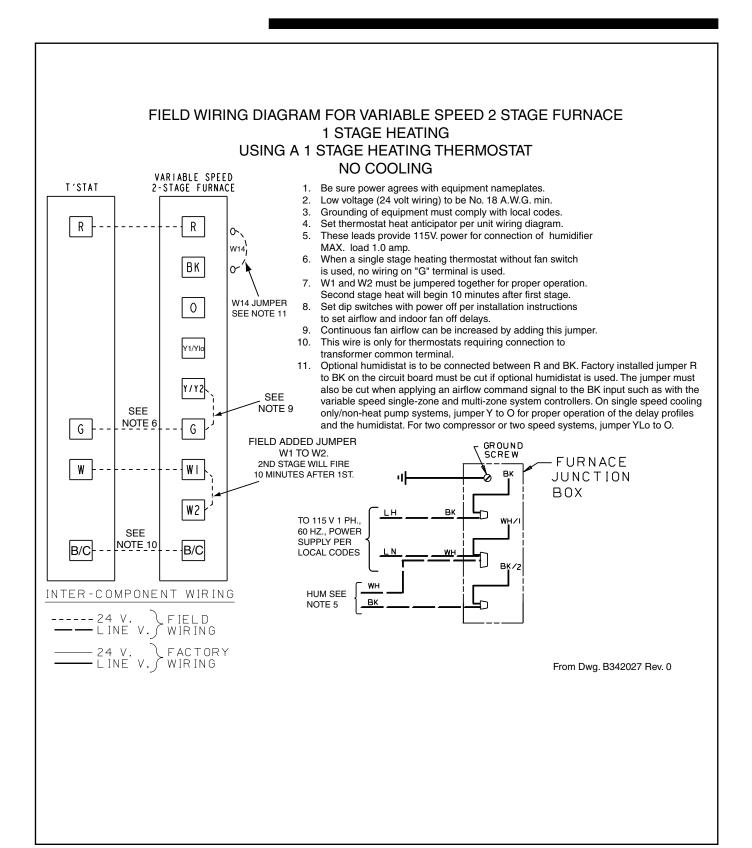




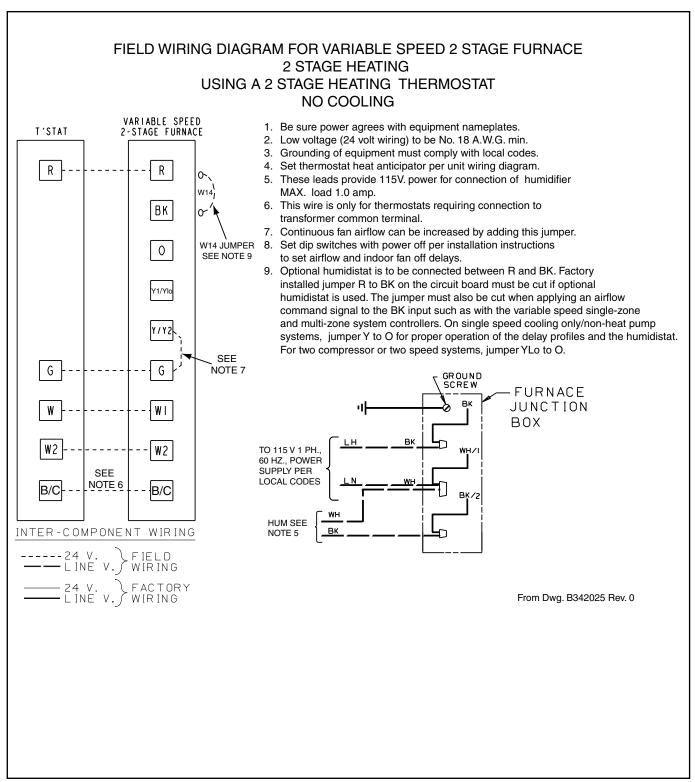
Electrical Data



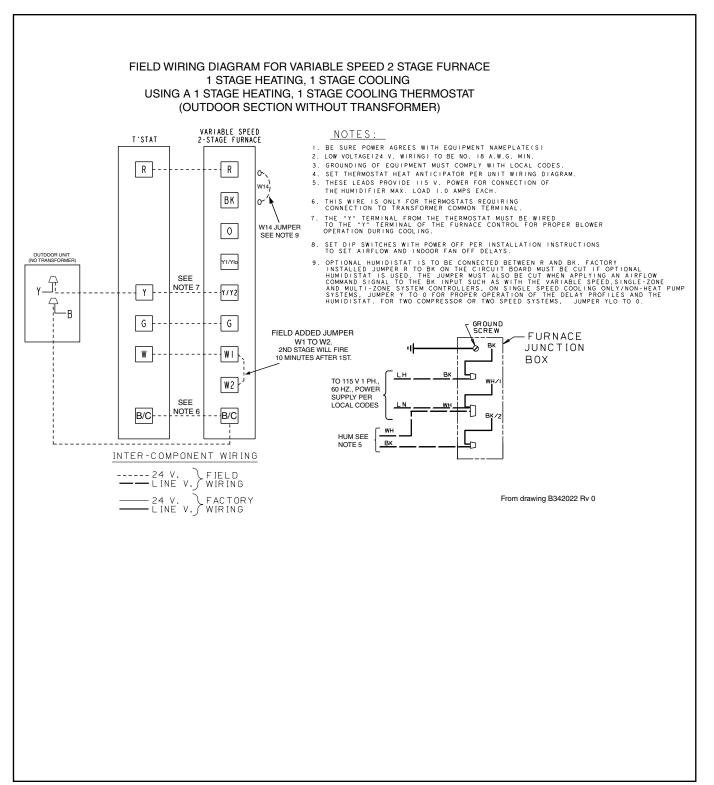




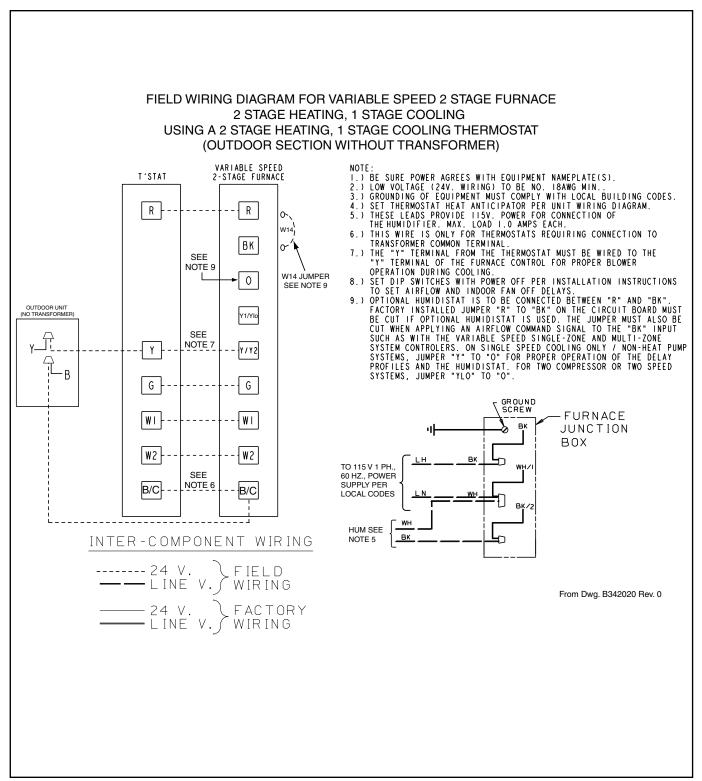




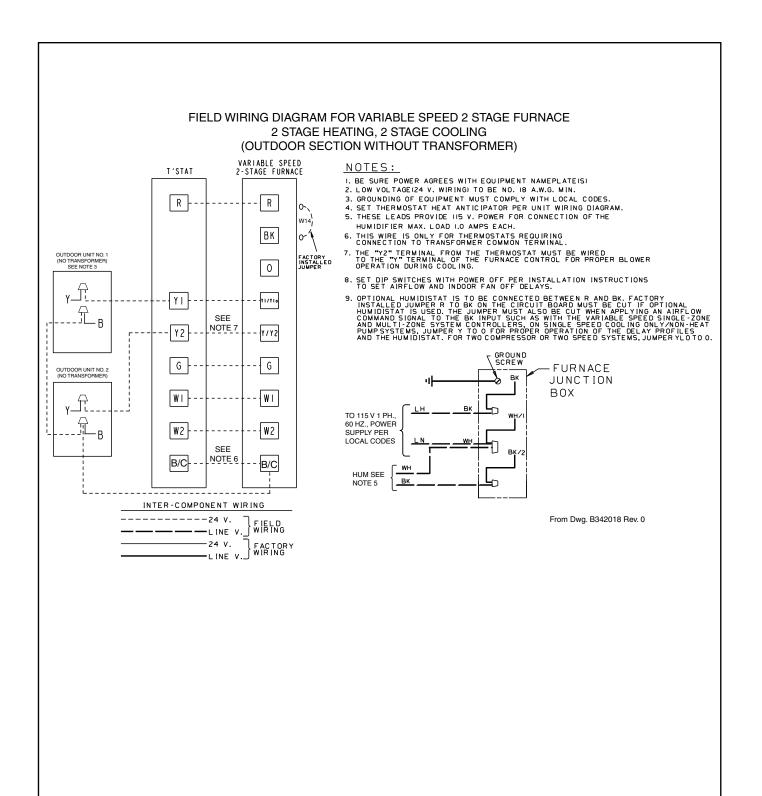


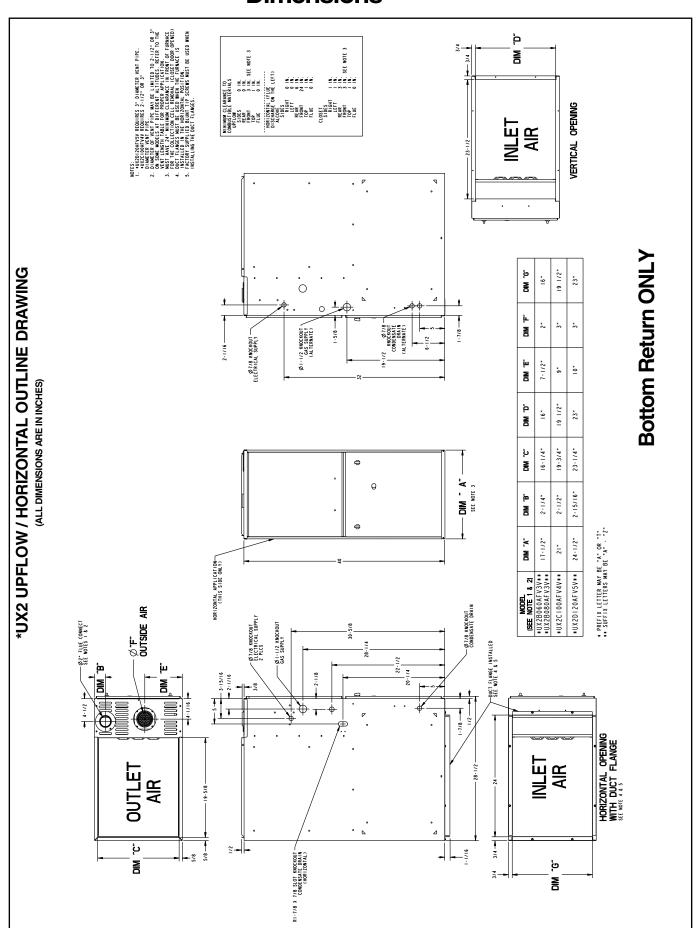












Dimensions

NOTES





Trane 6200 Troup Highway Tyler, TX 75707 www.trane.com

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Supersedes	22-1803-04
Date	04/09

Since \mathbf{Trane} has a policy of continuous product improvement, \mathbf{it} reserves the right to change design and specifications without notice.