



VersaPro® Series Gas Package Unit

13.4 SEER2

Capacity:24-60 kBTU/h



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Standard Features:

- Quiet horizontal discharge
- Compatible with side and bottom air discharge
- Power-painted galvanized steel cabinet
- High-efficiency compressors operate smoothly, quietly, and consistently.
- Internal safeguards protect the compressor against high and low pressure, and coil temperature
- Aluminum tube/aluminum fin coil
- High-efficiency ECM blower motor
- AHRI Certified and ETL listed
- Compliant with UL-60335 certification
- Uses more environmentally friendly R-454B refrigerant
- Microchannel condenser, high heat exchange efficiency with less flammable refrigerant charge, safer.
- Full DC variable speed motor--more efficient, smarter, and quieter



Revision Date: 08/12/2025

VersaPro® Gas Package Unit

1 Nomenclature

M	P	G	24	S	060	M	O	13	C
1	2	3	4	5	6	7	8	9	10

Legend		
#	Code	Remarks
1	M	MRCOOL®
2	P	Packaged Unit
3	G	Gas
4	24	Capacity: 24:24 kBtu/h; 30: 30 kBtu/h; 36: 36 kBtu/h 42: 42 kBtu/h; 48: 48 kBtu/h; 60:60 kBtu/h
5	S	Single-Stage Valve
6	060	Heating Capacity
7	M	Multi-Position (Horizontal/Downflow)
8	O	R-454B Refrigerant
9	13	13.4 SEER
10	C	4th Generation

VersaPro® Gas Package Unit

2 Specifications

	MPG24S060MO13C	MPG30S060MO13C	MPG36S090MO13C	MPG42S090MO13C
NOMINAL CAPACITY Cooling (BTU/h)	22,800	28,400	34,000	40,000
GAS HEATING PERFORMANCE Heating Input (Bth/h) Heating Output (Bth/h) No. Burners Gas Connection Pipe Size	60,000 48,000 5 1/2 NPT	60,000 48,000 5 1/2 NPT	90,000 72,000 7 1/2 NPT	90,000 72,000 7 1/2 NPT
ELECTRICAL DATA Voltage/Phase (60 Hz) Min./Max. Voltage (V) Min. Circuit Amps (MCA) (A) Max. Overcurrent Protection (MOP) (A)	208/230V-1Ph 187/253 18.8 25	208/230V-1Ph 187/253 21.5 30	208/230V-1Ph 187/253 25.2 40	208/230V-1Ph 187/253 29.9 45
COMPRESSOR Type Stage Rated Load Amps (RLA) (A) Locked Rotor Amps (LRA) (A)	Rotary Single 11 55	Rotary Single 13 58	Rotary Single 16 72	Rotary Single 19 86
OUTDOOR COIL Type Tube Outside Dia. (mm)	Microchannel 16	Microchannel 16	Microchannel 16	Microchannel 16
OUTDOOR FAN MOTOR Motor Type Capacitor (uF) Horsepower (HP) Full Load Amps (FLA) (A) Rated Airflow (CFM)	PSC 6 1/12 0.8 2,144	PSC 6 1/6 1.0 2,909	PSC 6 1/6 1.0 2,909	PSC 15 1/3 1.9 5,223
INDOOR COIL Type Tube Outside Dia. (mm)	Tube & Fin 7	Tube & Fin 7	Tube & Fin 7	Tube & Fin 7
INDOOR BLOWER MOTOR Motor Type Capacitor (uF) Horsepower (HP) Full Load Amps (FLA) (A) Rated Airflow (CFM at 0.58 in H2O)	ECM / 1/2 4.2 800	ECM / 1/2 4.2 930	ECM / 1/2 4.2 1050	ECM / 1/2 4.2 1400
REFRIGERATION SYSTEM Refrigerant Control Refrigerant Charge (lbs.-oz.)	Piston 2 lbs. 10 oz.	Piston 2 lbs. 12 oz	Piston 2 lbs. 14 oz	Piston 3 lbs. 12 oz
SOUND POWER (dB(A))	79	79	79	80
OPERATION RANGE Cooling (°C) Cooling (°F)	18~48 64.4~118.4	18~48 64.4~118.4	18~48 64.4~118.4	18~48 64.4~118.4
Dimension & Weight Unpacking (W*H*D) mm inch Packing (W*H*D) mm inch Net/Gross Weight kg lb Shipping per STD 40HQ	1287 x 890 x 1180 50.68 x 35.06 x 46.43 1335 x 940 x 1235 51.43 x 37 x 48.62 191/201 422/443 40	1287 x 890 x 1180 50.68 x 35.06 x 46.43 1335 x 940 x 1235 51.43 x 37 x 48.62 196/208 432/458 40	1287 x 890 x 1180 50.68 x 35.06 x 46.43 1335 x 940 x 1235 51.43 x 37 x 48.62 202/212 444/467 40	1310 x 1140 x 1265 51.56 x 44.81 x 49.75 1325 x 1150 x 1330 52.12 x 45.25 x 52.37 244/254 539/559 33

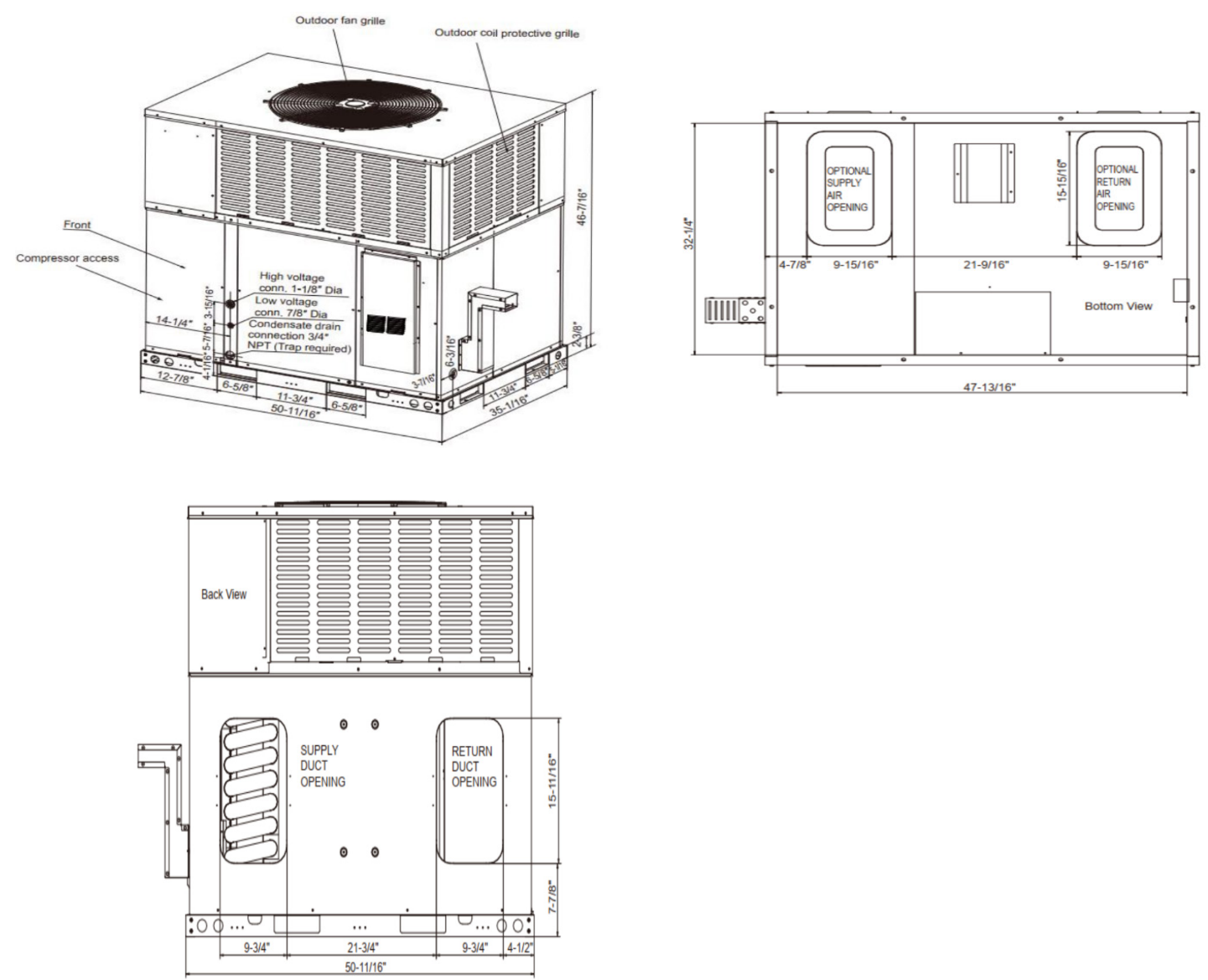
VersaPro® Gas Package Unit

	MPG48S090MO13C	MPG60S110MO13C
NOMINAL CAPACITY Cooling (BTU/h)	47,000	57,000
GAS HEATING PERFORMANCE Heating Input (Bth/h) Heating Output (Bth/h) No. Burners Gas Connection Pipe Size (in)	90,000 72,000 6 1/2 NPT	110,000 88,000 7 1/2 NPT
ELECTRICAL DATA Voltage/Phase (60 Hz) Min./Max. Voltage (V) Min. Circuit Amps (MCA) (A) Max. Overcurrent Protection (MOP) (A)	208/230V-1Ph 187/253 36.4 50	208/230V-1Ph 187/253 41.4 60
COMPRESSOR Type Stage Rated Load Amps (RLA) (A) Locked Rotor Amps (LRA) (A)	Scroll Single 23 95	Scroll Single 27 125
OUTDOOR COIL Type Tube Outside Dia. (mm)	Microchannel 16	Microchannel 16
OUTDOOR FAN MOTOR Motor Type Capacitor (uF) Horsepower (HP) Full Load Amps (FLA) (A) Rated Airflow (CFM)	PSC 15 1/3 1.9 5,223	PSC 15 1/3 1.9 5,223
INDOOR COIL Type Tube Outside Dia. (mm)	Tube & Fin 7	Tube & Fin 7
INDOOR BLOWER MOTOR Motor Type Capacitor (uF) Horsepower (HP) Full Load Amps (FLA) (A) Rated Airflow (CFM at 0.58 in H2O)	ECM / 3/4 5.7 1700	ECM / 3/4 5.7 1800
REFRIGERATION SYSTEM Refrigerant Control Refrigerant Charge (lbs.-oz.)	Piston 3 lbs. 12 oz.	Piston 3 lbs. 12 oz.
SOUND POWER (dB(A))	80	80
OPERATION RANGE Cooling (°C) Cooling (°F)	18~48 64.4~118.4	18~48 64.4~118.4
Dimension & Weight Unpacking (W*H*D) mm inch Packing (W*H*D) mm inch Net/Gross Weight kg lb Shipping per STD 40HQ	1310 x 1140 x 1265 51.56 x 44.81 x 49.75 1325 x 1150 x 1330 52.12 x 45.25 x 52.37 254/264 560/581 33	1310 x 1140 x 1265 51.56 x 44.81 x 49.75 1325 x 1150 x 1330 52.12 x 45.25 x 52.37 255/265 562/584 33

VersaPro® Gas Package Unit

3 Dimensional Drawing

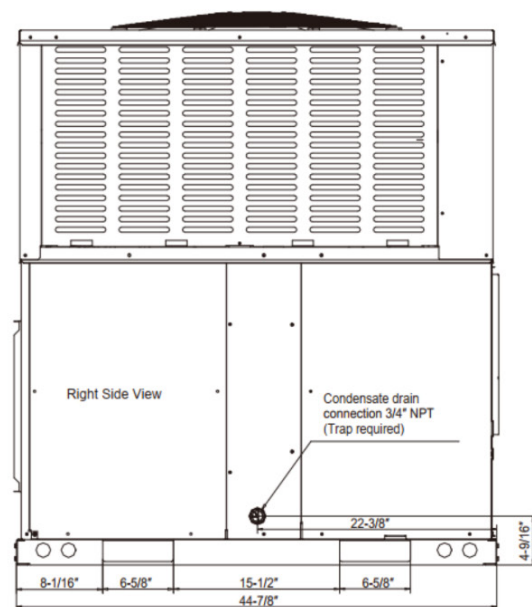
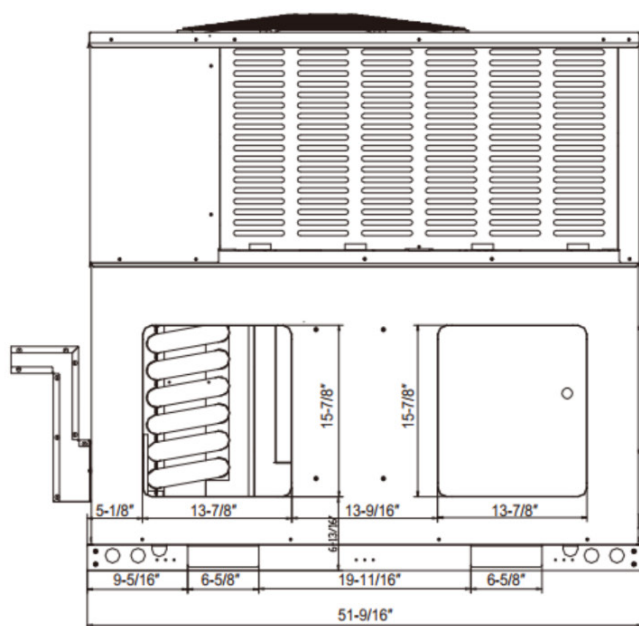
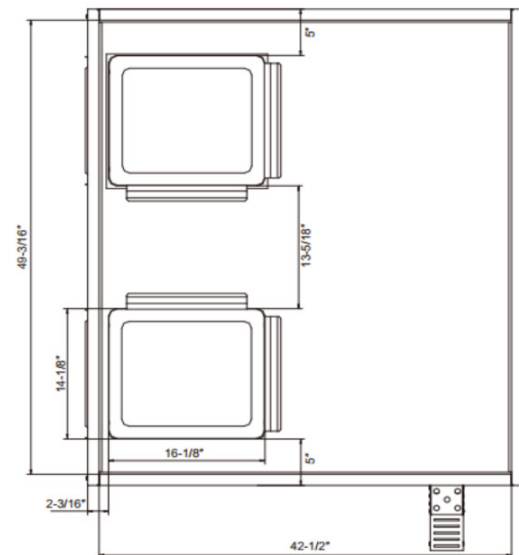
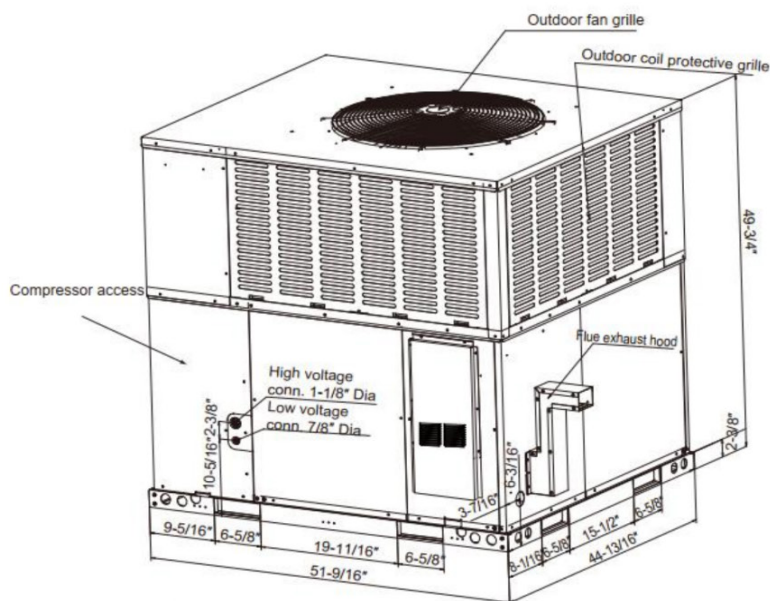
24/30/36K:



Model	Unit Width "W" in. [mm]	Unit Height "H" in. [mm]	Unit Length "D" in. [mm]	Net Weight kg [lb]	Gross Weight kg [lb]
24K	37.75 [958]	24.81 [630]	52 [1321]	148 [326]	154 [340]
30K	37.75 [958]	24.81 [630]	52 [1321]	148 [326]	154 [340]
36K	37.75 [958]	24.81 [630]	52 [1321]	153 [337]	159 [351]

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42/48/60K:



Model	Unit Width "W" in. [mm]	Unit Height "H" in. [mm]	Unit Length "D" in. [mm]	Net Weight kg [lb]	Gross Weight kg [lb]
42K	51.56 [1310]	44.81 [1140]	49.75 [1265]	244 [539]	254 [559]
48K	51.56 [1310]	44.81 [1140]	49.75 [1265]	254 [560]	264 [581]
60K	51.56 [1310]	44.81 [1140]	49.75 [1265]	255 [562]	265 [584]

VersaPro® Gas Package Unit

4 Airflow Data

Duct Application (230V)

Model Number	Motor Speed		SCFM											
			External Static Pressure in H2O[kPa]											
			0[0]	0.1[.02]	0.2[.05]	0.3[.07]	0.4[.10]	0.5[.12]	0.6[.015]	0.7[.017]	0.8[.20]	0.9[.23]	1.0[.25]	
24	Low (Tap1)	SCFM	/	859	785	694	625	/	/	/	/	/	/	
		Watts	/	1.24	1.27	1.32	1.35	/	/	/	/	/	/	
		Amps	/	134	138	144	149	/	/	/	/	/	/	
	Middle-1 (Tap2)	SCFM	/	/	/	/	887	806	753	695	646	/	/	
		Watts	/	/	/	/	2.02	2.07	2.12	2.13	2.17	/	/	
		Amps	/	/	/	/	234	241	246	244	249	/	/	
	Middle-2 (Tap3)	SCFM	/	/	/	/	/	/	/	869	816	769	723	
		Watts	/	/	/	/	/	/	/	2.8	2.84	2.88	2.92	
		Amps	/	/	/	/	/	/	/	335	341	346	351	
	Middle-3 (Tap4)	SCFM	/	/	/	/	/	/	/	/	/	882	836	
		Watts	/	/	/	/	/	/	/	/	/	3.38	3.43	
		Amps	/	/	/	/	/	/	/	/	/	412	418	
	High (Tap5)	SCFM	/	/	/	/	/	/	/	/	/	/	884.6	
		Watts	/	/	/	/	/	/	/	/	/	/	3.67	
		Amps	/	/	/	/	/	/	/	/	/	/	445	
30	Low (Tap1)	SCFM	927	859	785	/	/	/	/	/	/	/	/	
		Watts	1.2	1.24	1.27	/	/	/	/	/	/	/	/	
		Amps	129	134	138	/	/	/	/	/	/	/	/	
	Middle-1 (Tap2)	SCFM	/	1066	1001	945	887	806	753	/	/	/	/	
		Watts	/	1.9	1.94	1.98	2.02	2.07	2.12	/	/	/	/	
		Amps	/	218	224	228	234	241	246	/	/	/	/	
	Middle-2 (Tap3)	SCFM	/	/	/	1105	1051	998	925	869	816	769	/	
		Watts	/	/	/	2.61	2.65	2.7	2.75	2.8	2.84	2.88	/	
		Amps	/	/	/	310	316	322	329	335	341	346	/	
	Middle-3 (Tap4)	SCFM	/	/	/	/	/	1109	1056	986	933	882	836	
		Watts	/	/	/	/	/	3.19	3.23	3.29	3.34	3.38	3.43	
		Amps	/	/	/	/	/	387	393	400	407	412	418	
	High (Tap5)	SCFM	/	/	/	/	/	/	/	1064	990	934	885	
		Watts	/	/	/	/	/	/	/	3.63	3.86	3.65	3.67	
		Amps	/	/	/	/	/	/	/	444	455	443	445	
36	Low (Tap1)	SCFM	927	/	/	/	/	/	/	/	/	/	/	
		Watts	1.2	/	/	/	/	/	/	/	/	/	/	
		Amps	129	/	/	/	/	/	/	/	/	/	/	
	Middle-1 (Tap2)	SCFM	1127	1066	1001	945	/	/	/	/	/	/	/	
		Watts	1.87	1.9	1.94	1.98	/	/	/	/	/	/	/	
		Amps	213	218	224	228	/	/	/	/	/	/	/	
	Middle-2 (Tap3)	SCFM	1265	1217	1162	1105	1051	998	925	/	/	/	/	
		Watts	2.47	2.52	2.57	2.61	2.65	2.7	2.75	/	/	/	/	
		Amps	292	299	305	310	316	322	329	/	/	/	/	
	Middle-3 (Tap4)	SCFM	/	1314	1263	1213	1159	1109	1056	986	933	/	/	
		Watts	/	3.01	3.06	3.1	3.14	3.19	3.23	3.29	3.34	/	/	
		Amps	/	363	369	375	381	387	393	400	407	/	/	
	High (Tap5)	SCFM	/	1347	1305	1283	1256	1196	1144	1064	990	934	/	
		Watts	/	3.68	3.67	3.66	3.66	3.66	3.66	3.63	3.67	3.65	/	
		Amps	/	452	451	450	449	448	449	444	455	443	/	

VersaPro® Gas Package Unit

Duct Application (230V), Continued

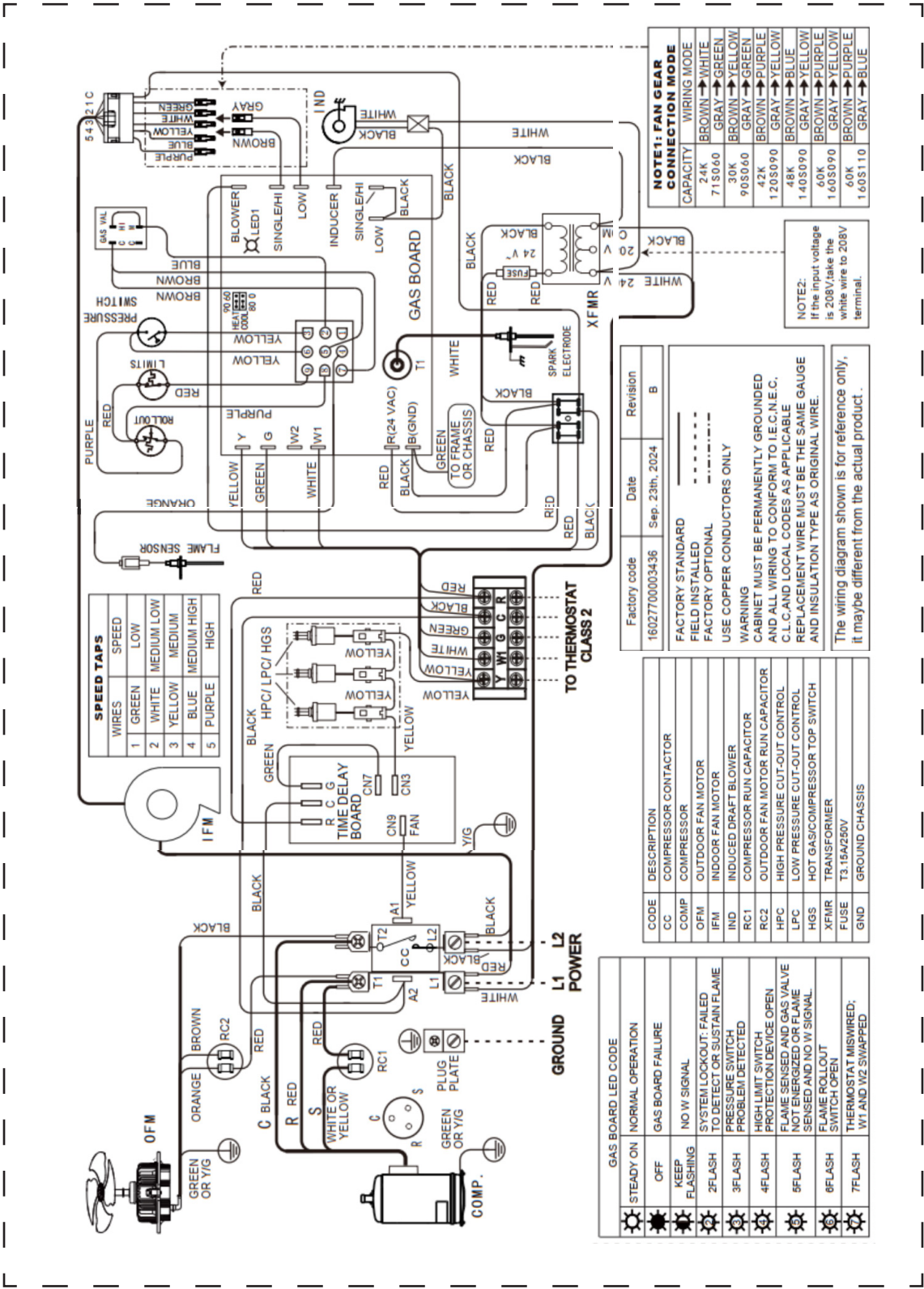
Model Number	Motor Speed		SCFM											
			External Static Pressure in H ₂ O[kPa]											
			0[0]	0.1[.02]	0.2[.05]	0.3[.07]	0.4[.10]	0.5[.12]	0.6[.015]	0.7[.017]	0.8[.20]	0.9[.23]	1.0[.25]	
42	Middle-1 (Tap2)	SCFM	1328	1242	1166	1090.8	/	/	/	/	/	/	/	/
		Watts	1.35	1.42	1.49	1.56	/	/	/	/	/	/	/	/
		Amps	153	161	169	178	/	/	/	/	/	/	/	/
	Middle-2 (Tap3)	SCFM	1450	1372	1300	1232	1160	1088	/	/	/	/	/	/
		Watts	1.7	1.77	1.84	1.91	2	2.08	/	/	/	/	/	/
		Amps	195	205	214	223	234	244	/	/	/	/	/	/
	Middle-3 (Tap4)	SCFM	1581	1515	1448	1384	1318	1252	1189	1122	/	/	/	/
		Watts	2.15	2.23	2.31	2.38	2.47	2.55	2.65	2.74	/	/	/	/
		Amps	254	265	274	284	295	307	319	331	/	/	/	/
	High (Tap5)	SCFM	/	1569	1503	1439	1377	1314	1252	1184	1115	/	/	/
		Watts	/	2.42	2.5	2.57	2.66	2.75	2.84	2.94	3.03	/	/	/
		Amps	/	288	299	309	320	332	344	356	369	/	/	/
	Middle-1 (Tap2)	SCFM	1437	1359	1284	1210	/	/	/	/	/	/	/	/
		Watts	1.8	1.88	1.96	2.04	/	/	/	/	/	/	/	/
		Amps	202	212	223	233	/	/	/	/	/	/	/	/
	Middle-2 (Tap3)	SCFM	/	1791	1728	1662	1602	1539	1475	1419	1364	1309	1252	
		Watts	/	3.44	3.52	3.61	3.69	3.78	3.87	3.96	4.05	4.15	4.25	
		Amps	/	415	426	438	449	461	472	485	497	510	523	
	Middle-3 (Tap4)	SCFM	/	/	/	/	/	1748	1691	1632	1575	1526	1474	
		Watts	/	/	/	/	/	4.74	4.84	4.93	5.03	5.12	5.23	
		Amps	/	/	/	/	/	590	603	616	629	642	655	
	High (Tap5)	SCFM	/	/	/	/	/	/	1787	1712	1660	1594	1536	
		Watts	/	/	/	/	/	/	5.45	5.43	5.45	5.45	5.48	
		Amps	/	/	/	/	/	/	696	694	688	690	696	
60	Middle-2 (Tap3)	SCFM	1854	1791	1728	1662	1602	1539	/	/	/	/	/	
		Watts	3.36	3.44	3.52	3.61	3.69	3.78	/	/	/	/	/	
		Amps	405	415	426	438	449	461	/	/	/	/	/	
	Middle-3 (Tap4)	SCFM	2026	1973	1918	1860	1802	1748	1691	1632	1575	1526	/	
		Watts	4.26	4.36	4.46	4.56	4.65	4.74	4.84	4.93	5.03	5.12	/	
		Amps	525	538	551	565	578	590	603	616	629	642	/	
	High (Tap5)	SCFM	2150	2098	2044	1989	1932	1861	1787	1712	1660	1594	1536	
		Watts	5.07	5.18	5.27	5.37	5.47	5.47	5.45	5.43	5.45	5.45	5.48	
		Amps	640	658	671	685	699	699	696	694	688	690	696	

- The above airflow data is for reference only.
- The airflow rate in the airflow table is 300-450 CFM/ton.

VersaPro® Gas Package Unit

5 Wiring Diagrams:

24/30/42/48/60K:



VersaPro® Gas Package Unit

36K:

