BERNER INTERNATIONAL CORP.

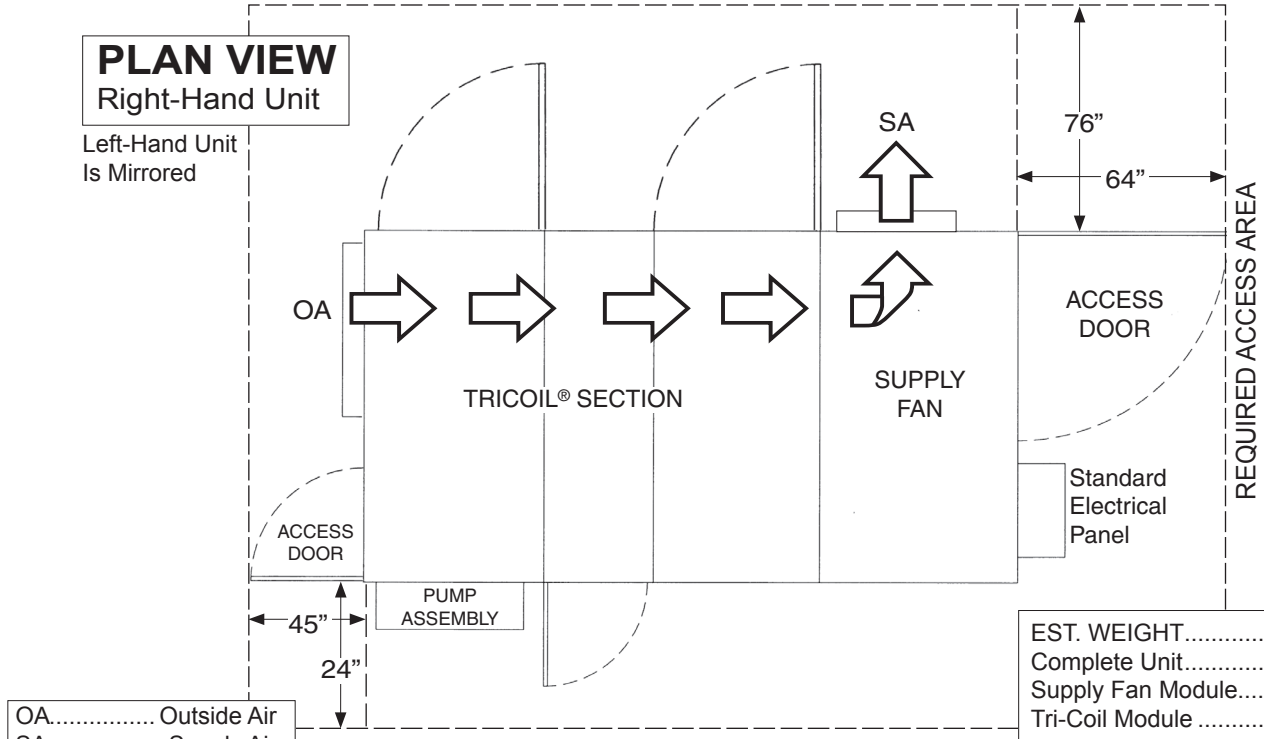
9620-TRO

INDOOR/OUTDOOR

18,000 to 22,000 CFM

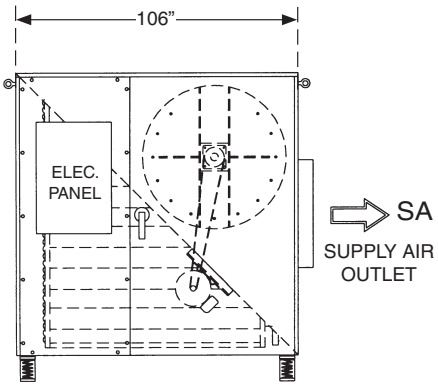
PLAN VIEW
Right-Hand Unit

Left-Hand Unit
Is Mirrored

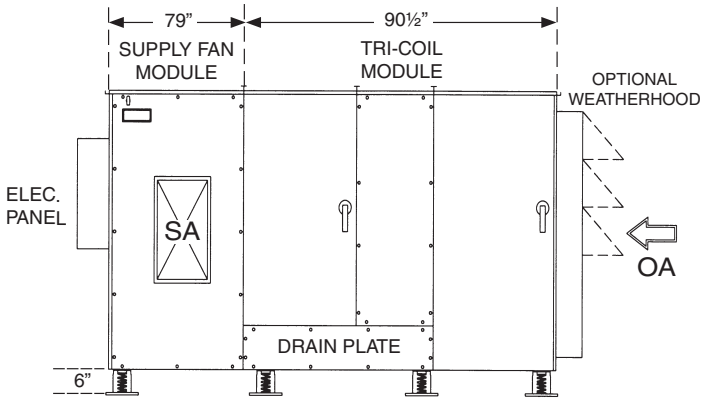


OA..... Outside Air
SA.....Supply Air

EST. WEIGHT.....lbs.
Complete Unit.....13,181
Supply Fan Module.....3618
Tri-Coil Module 9563

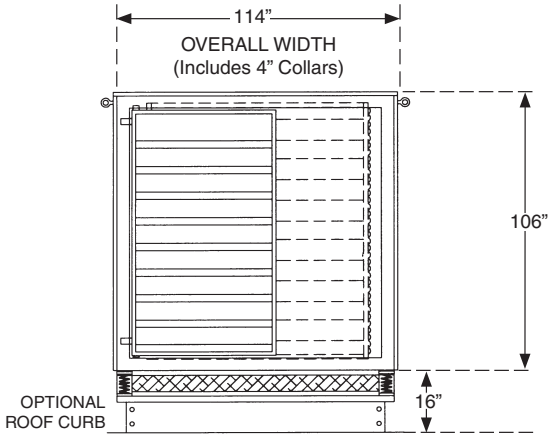


SUPPLY END

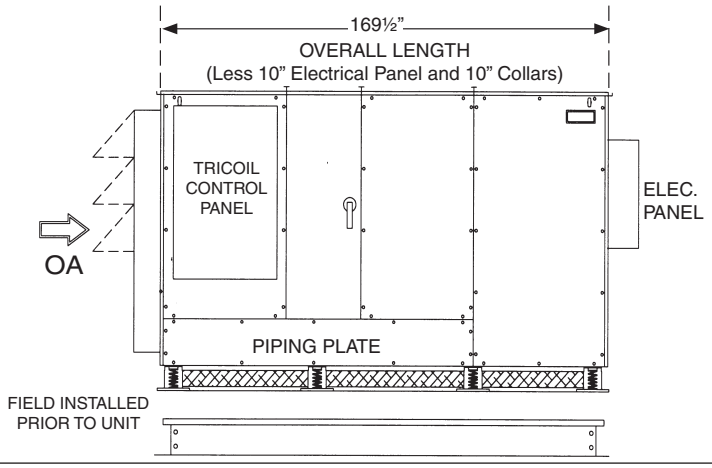


SUPPLY SIDE

OA INLET END



BACK SIDE



Berner International Corp.
111 Progress Avenue, New Castle, PA 16101 / Telephone (724) 657-5301 / FAX (724) 652-0682 / www.berner.com / info@bernerenergy.com

9620-TRO

18,000 to 22,000 CFM

December, 2009

SUPPLY FAN PERFORMANCE AND MOTOR SELECTION GUIDE

(Intersect CFM with external static pressure to determine fan h.p.)

CFM	OUTLET VEL. FPM		0.5 ESP	1.0 ESP	1.5 ESP	2.0 ESP	2.5 ESP	3.0 ESP	3.5 ESP
18000	1933	RPM BHP hp	697 10.4 15	738 12.09 15	778 13.83 20	816 15.54 20	854 17.33 20	892 19.2 25	N/A
19000	2041	RPM BHP hp	733 12.11 15	772 13.89 20	809 15.66 20	846 17.5 25	883 19.41 25	N/A	N/A
20000	2148	RPM BHP hp	760 13.56 20	797 15.4 20	833 17.27 20	868 19.16 25	903 21.12 25	N/A	N/A
21000	2256	RPM BHP hp	794 15.48 20	829 17.39 20	863 19.31 25	897 21.32 25	N/A	N/A	N/A
22000	2363	RPM BHP hp	823 17.28 20	857 19.3 25	890 21.32 25	923 23.42 30	N/A	N/A	N/A

FAN MOTOR AMP DRAW CHART			
hp	**208**	**240**	**480**
15	41.0	38.0	19.0
20	54.0	50.0	24.9
25	66.0	60.0	30.0
30	78.0	71.0	35.0

ACCESSORIES AMP DRAW CHART			
	208	**240**	**480**
Damper Motor (ea.)	0.75	0.75	0.50
TRICOIL Pump Motor	NA	3.60	1.80
Hot Water Modulating Ball-Valve	0.20	0.20	0.10
Temperature Sensor (ea.)	0.50	0.50	0.25
Lights and Receptical	12.00	12.00	6.00
Variable Frequency Drive for Fan (ea.)	0.50	0.50	0.25
Variable Frequency Drive for TRICOIL	0.25	0.25	0.15

Performance numbers are based on optimum conditions. Consult factory for precise performance.

Berner International Corp.
111 Progress Avenue, New Castle, PA 16101 / Telephone (724) 657-5301 / FAX (724) 652-0682 / www.berner.com / info@bernerenergy.com