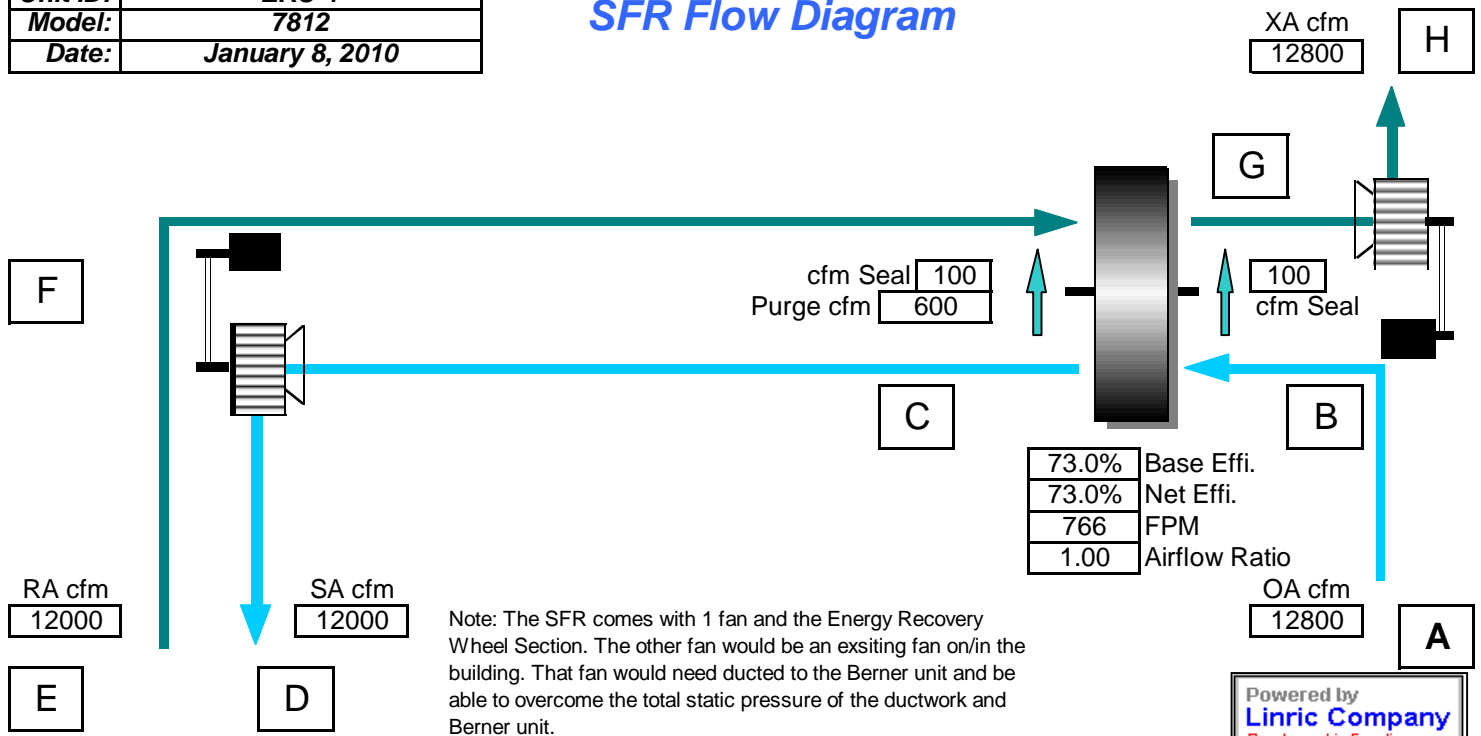


Example Diagram

Berner International Corp.

Unit ID:	ERU-1
Model:	7812
Date:	January 8, 2010

SFR Flow Diagram



Cooling

	A	B	C	D	E	F	G	H
db	98.0	99.0	82.2	83.2	75.0	76.0	92.8	93.8
wb	78.7	78.9	67.7	68.0	62.4	62.7	75.1	75.4
RH%	43.1	41.8	47.7	46.2	49.5	47.9	44.5	43.1
Btu/Lbs.	42.1	42.3	32.1	32.3	28.0	28.3	38.5	38.8
gr./lbs.	117.7	117.7	78.7	78.7	64.3	64.3	103.3	103.3
	OA EAT	Motor LAT	Rotor LAT	SA LAT	RA EAT	Motor LAT	Rotor LAT	XA LAT

45.1 TONS OF FREE COOLING (Berner Unit)

0.0 indicates not calculated

Heating

	A	B	C	D	E	F	G	H
db	0.0	1.0	52.1	53.1	70.0	71.0	19.9	20.9
wb	-1.2	-0.4	44.9	45.4	55.8	56.2	19.6	20.2
RH%	59.9	56.8	56.8	54.8	40.0	38.7	94.7	90.3
Btu/Lbs.	0.5	0.7	17.6	17.8	23.6	23.9	6.9	7.2
gr./lbs.	3.3	3.3	32.8	32.8	43.7	43.7	14.2	14.2
	OA EAT	Motor LAT	Rotor LAT	SA LAT	RA EAT	Motor LAT	Rotor LAT	XA LAT

0.0 indicates not calculated

922456 BTUH OF FREE LATENT HEATING (Berner Unit)

678342 BTUH OF FREE SENSIBLE HEATING (Berner Unit)

Yes Defrost Heater Recommended

0.00 Required kw of Defrost Heat when exceeding Frost Conditions