The new degree of comfort.™

COMMON VENTING

SOLUTI°NS

Rheem offers a manufacturer tested , UL and ULC listed common venting system providing longer lengths and fewer wall penetrations than single-unit venting. The system is polypropylene (PPs) material and manufactured by Centrotherm Eco Systems in the USA. Venting pieces are self-locking and sealing and can be pushed together without the use of cement or glue.

Easy to Install
- Gasketed, push-fit connection system installs quickly/easily – No glues, primers or solvents required
- Directional gasket and flow arrows ensure proper vent layout
- Connector ring installs where needed, in seconds ensuring UL-1738 & ULC-S636 compliance
- Venting parts can be field cut to length to meet any venting requirement

Tested and Approved by Rheem
- Tested and Listed by Intertek to UL-1738 & ULC-S636 for temperatures of -4°F to 230°F
- Zero clearance to combustibles in all applications
- All products are UV rated
- LEED friendly
- 100% Recyclable

	Cntrotherm PPs	PVC	CPVC
Chemical Resistance			
Aromatic Hydrocarbons	✓	X	X
Sulfuric Acid	✓	X	X
Hydrochloric Acid	✓	X	X
UL Listed (0°F to 230°F)	Listed	Not Listed	Not Listed
Actual Working Temperature	32°F (0°C) 248°F (120°C)	50°F (15°C) 149°F (65°C)	50°F (15°C) 194°F (90°C)
Softening Temperatures	302°F (150°C)	176°F (80°C)	200°F (93°C)
Environmentally Friendly Production	✓	X	X
No Chloride Leaching	✓	X	X
Fully Recyclable	✓	X	X

Note: Temperature values in table represent exhaust flue temperatures. For approximate max. water set point temperatures, subtract 20 degrees F.

Diameter	% of Centrotherm PPs weight vs. PVC	Weight Per Foot (lbs.)		
		Centrotherm PPs	PVC Sch. 40	CPVC Sch. 80
2"	44%	0.30	0.68	1.02
3"	23%	0.32	1.41	2.09
4"	33%	0.66	2.01	3.05
6"	40%	1.42	3.53	5.82
8"	28%	1.50	5.39	8.83
10"	27%	2.00	7.55	13.09
12"	39%	3.86	10.01	18

Commercial Tankless Venting

COMMON VENTING SOLUTIONS

Up to eight Rheem® Commercial Tankless Water Heaters (natural gas models only) can be in-line common vented using polypropylene (PPs) header kits and extension pieces available through Rheem.

Common venting saves space and materials while reducing outer wall penetrations.

Polypropylene is lightweight, assembles quickly, and doesn't require glues or solvents to connect. It also meets UL-1738 and ULC-S636 certifications.
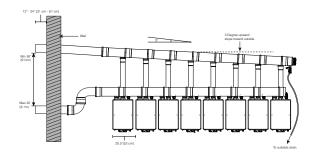
Note: If heaters are common vented, you can still manifold the control of up to 20 units in a bank, however, only 8 units can be common vented in a vent system.

PPS IS
28%
THE WEIGHT OF PVC

THAT'S
77.8 LB LIGHTER
FOR 20FT OF
8" TRUNK LINE!

COMMON VENTING HEADER KITS

Direct Vent Header Kit

Each 8" diameter Direct Vent Kit contains pieces required to common vent the intake and exhaust of up to 8 in-line units. Extension and termination pieces are available separately.
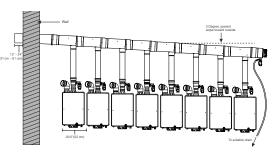
Rheem Part #	SP20908A	SP20908B	SP20908C	SP20908D	SP20908E	SP20908F	SP20908G
Units	2 units	3 units	4 units	5 units	6 units	7 units	8 units

Room Air Header Kit

Each 8" diameter Room Air Kit contains pieces required to common vent the exhaust of up to 8 in-line units and elbows for room air intake. Extension and termination pieces are available separately.

Rheem Part #	SP20909A	SP20909B	SP20909C	SP20909D	SP20909E	SP20909F	SP20909G
Units	2 units	3 units	4 units	5 units	6 units	7 units	8 units

COMMON VENTING EXTENSION AND TERMINATION ACCESSORIES

Item #	Rheem Part #	Part Description
1	SP20918L	8" Air Intake Branch Tee
2	SP20918M	8", 87 Degree Elbow
3	SP20918N	8", 45 Degree Elbow
4	SP20918P	8" Straight Pipe, 1'
5	SP20918R	8" Straight Pipe, 2'
6	SP20918S	8" Straight Pipe, 3'
7	SP20918T	8" Straight Pipe, 6'
8	SP20918U	8", 87 Degree Elbow Vertical Support
9	SP20918V	8" Bird Screen SS
10	SP20918W	8" Tee Termination

PROUDLY MADE IN THE U.S.A.

In keeping with its policy of continuous progress and product improvement, Rheem reserves the right to make changes without notice.

INTEGRATED HOME COMFORT