

**SO SMART...
IT'S SIMPLE!**

**Accel CS™, the
smart and efficient
combined heat and
hot water condensing
boiler system!**



**MADE IN
THE USA!**

Accel CS
features
**removable
panels** for
easy internal
access.



From the
**SYSTEM
2000®**
Family of Products

Call us today **800-661-0902** www.energykinetics.com

Awarded the ENERGY STAR® Most Efficient mark in 2017.

® The color yellow for heating boilers is a registered trademark of Energy Kinetics.

**97%
AFUE**



- **Cuts fuel bills up to 40% or more beyond boilers with the same AFUE!**
- Why settle for yesterday's reset controls that can leave you out in the cold?
 - **Quietest operation of all boilers!**
 - **LONGER hot showers!**
- **BEST Lifetime Limited Warranty**
 - **Natural Gas or Propane!**

Hybrid Energy Recovery[®] and SmartBoost[™] . . . Energy Kinetics' unbeatable combination for year 'round *comfort and efficiency!*

EK1C, EK2C **Accel CS[™]** CONDENSING GAS BOILER DATA SHEET

1. Hybrid Energy Recovery (thermal purge) – Other condensing boilers shut off with energy left wasted in the boiler. But Accel CS Hybrid Energy Recovery automatically sends remaining heat to the top of the hot water storage tank, or directly into your living spaces. This means the boiler finishes colder and no energy is left wasted. The result: More condensing during every cycle, delivering the best possible energy savings.

2. SmartBoost – You don't have to sacrifice efficiency for year 'round comfort! Accel CS's performance is significantly enhanced by our innovative SmartBoost technology, which runs Accel CS at lower temperatures when-

ever possible, and boosts temperatures when more rapid home heating is needed. This greatly improves condensing and consistently consumes less fuel, for the best in both comfort and efficiency.

Other condensing boilers are pre-programmed to run hotter all year . . . which requires more fuel to keep your house warm. But NOT Accel CS!

3. Heating professional approved –

- Pre-piped and pre-wired
- Serviceable with normal stock parts
- Five zones with hot water standard
- Expands to 12 zones

• Includes primary and secondary loop option – controls up to three thermostats and zones, and includes a relay or the primary loop circulator, with fast and easy setup.

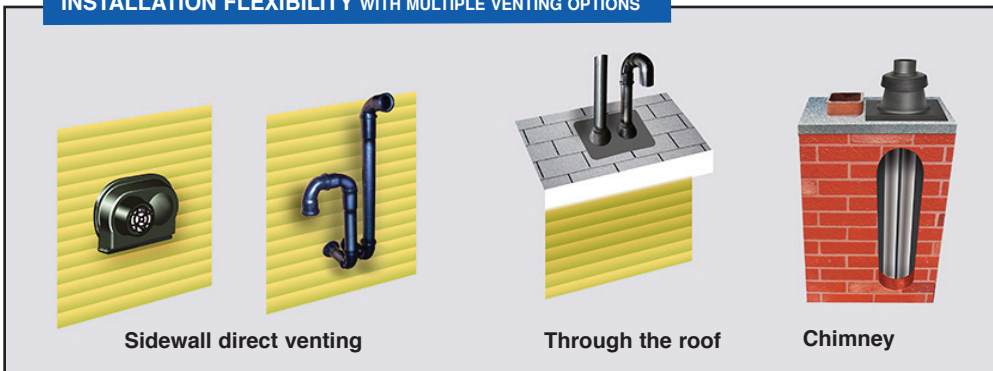
4. Nearly endless hot showers – Accel CS's rapid hot water recovery squeezes more out of fuel dollars and means homeowners enjoy nearly endless hot showers. Unlike systems where the boiler heats up along with the tank (which can virtually stop the condensing operation) *our advanced plate heat exchanger can run at full output while maintaining peak condensing!* Accel CS maximizes condensing boiler technology.

5. Whisper quiet operation



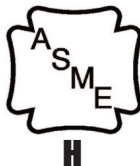
ACCEL CS SPECIFICATIONS	EK1C		EK2C	
Maximum Input, Btu/Hr	90,000	120,000	150,000	200,000
Maximum Output, Btu/Hr	86,000	115,000	143,000	190,000
AFUE	97%		95.3%	
Maximum Supply Temperature	Water 210°F		Water 210°F	
Maximum Pressure	75 PSI		75 PSI	
Weight, Pressure Vessel, dry	70 lbs		90 lbs	
Weight, dry w/o stand	200 lbs		275 lbs	
Weight, w/water and w/ stand	270 lbs		375 lbs	
Water content	5 gallons		6-1/2 gallons	
Supply & Return Piping Size	1"		1-1/4"	
Gas Supply Connection	3/4"		3/4"	
Size with Stand	15"D x 25-7/8" W x 62-7/16" H		17-1/2"D x 28-1/8"W x 69-7/16"H	
Size without Stand	15"D x 25-7/8" W x 50-7/16"H		17-1/2"D x 28-1/8"W x 57-7/16"H	
Maximum Venting and Air intake Lengths	100 ft equiv 3" polypropylene 50 ft equiv 2" polypropylene (intake may be pvc)		100 ft equiv 4" polypropylene 50 ft equiv 3" polypropylene (intake may be pvc)	
Power requirements	120 VAC, minimum of 12 amps		120 VAC, minimum of 12 amps	

INSTALLATION FLEXIBILITY WITH MULTIPLE VENTING OPTIONS



Exceptional residential **lifetime limited warranty** on pressure vessel and condensing energy manager!
(Others **require service twice a year.**)

See actual warranty for details.



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