



12L
16L
20L

DATASHEET

GAS WATER HEATER

HOT WATER PRODUCTION

FEATURES

- INTELLIGENT SAFETY PROTECTION
- MEMORY FUNCTION AFTER POWERING OFF
- AUTOMATIC CONSTANT TEMPERATURE
- TIMER FUNCTION
- OXYGEN FREE COPPER HEAT EXCHANGER
- SOLAR KIT FUNCTION (OPTIONAL)



E3S SERIES

SMART & RELIABLE

RESIDENTIAL APPLICATIONS

12L

16L

20L

LPG

NG

MODEL	12E3S	16E3S	20E3S
RATED HEATING POWER (KW)	24KW	30KW	36KW
EXHAUSTED TYPE	FORCED EXHAUST		
HEATING EFFICIENCY	>88%	>88%	>88%
GAS TYPE	NG /LPG		
IGNITION	AUTOMATIC IGNITION		
OPERATION	TOUCH SCREEN		
RATED CAPACITY OF HOT WATER $\Delta T=25K$ (L/MIN) ($\pm 10\%$)	12	16	20
WATER PRESSURE RANGE (MPA)	0.02~0.8	0.02~0.8	0.02~0.8
WATER INLET&OUTLET CONNECTOR DIMENSIONS (MM)	G1/2	G1/2	G1/2
GAS INLET CONNECTOR DIMENSIONS (MM)	G1/2	G1/2	G1/2
MOTOR FAN TYPE	DC	DC	DC
HEAT EXCHANGER MATERIAL	PURE COPPER		
PRODUCT MOUNTING SIZE	525 * 340 * 170	525 * 340 * 170	525 * 340 * 170
PRODUCT PACKING SIZE INCLUDE FLUE PIPE	723 * 476 * 276	723 * 476 * 276	723 * 476 * 276
SAFETY PROTECTION	YES	YES	YES
SMOKE BLOCK PROTECTION	YES	YES	YES
OVERHEATING PROTECTION	YES	YES	YES
OVER PRESSURE PROTECTION	YES	YES	YES
OVER TIMING PROTECTION	YES	YES	YES
LOW GAS PROTECTION	YES	YES	YES
FREEZE PROTECTION	YES	YES	YES
SPECIAL FEATURES	YES	YES	YES
SOLAR BACKUP	YES	YES	YES
BATHTUB FUNCION	YES	YES	YES
LOW PRESSURE ACTIVATED	YES	YES	YES
POWER OFF MEMORY	YES	YES	YES
EXTREME TEMPERATURE CONTROL	*****	*****	*****