

28C
SERIES

WaiWELA

SPECIFICATIONS

MODELS AND VENTING



INDOOR

NATURAL GAS
PH-28C IFSN
PROPANE
PH-28C IFSP



OUTDOOR

NATURAL GAS
PH-28C OFN
PROPANE
PH-28C OFP

DIRECT VENT
SEALED COMBUSTION

NATURAL GAS
PH-28C DVSN
PROPANE
PH-28C DVSP

BTU INPUT RANGE	19,000 ~ 199,900 (FULLY MODULATING)
MAXIMUM HOT WATER OUTPUT	8.5 GPM (40° RISE AT 30 PSI)
MINIMUM FLOW FOR IGNITION	0.66 GPM
DIMENSIONS (INCHES)	14 7/8 (W) x 25 3/8 (H) x 11 1/8 (D)
WORKING WATER PRESSURE	14 ~ 150 PSI
TEMPERATURE RANGE	100 ~ 180°F
GAS CONNECTION	3/4" NPT FEMALE (WITH INCLUDED GAS SHUTOFF VALVE)
WATER CONNECTION	3/4" NPT MALE
EFFICIENCY RATING	84%
DOE ENERGY FACTOR	0.82
GAS INLET PRESSURE (INDOOR AND OUTDOOR MODELS)	NATURAL GAS: MIN 4.0" W.C.; MAX. 10.5" W.C. LP GAS: MIN. 8.0" W.C.; MAX 14.0" W.C.
GAS INLET PRESSURE (DIRECT VENT MODEL)	NATURAL GAS: MIN 4.5" W.C.; MAX. 10.5" W.C. LP GAS: MIN. 10.0" W.C.; MAX 14.0" W.C.
LOW NOX COMPLIANT	YES (SCAQMD RULE 1146.2)
ELECTRICAL REQUIREMENT	120 V/60 Hz AC, 2 AMPS MAX W/ FREEZE PROTECTION
POWER CORD (EXCEPT OUTDOOR)	10-FOOT, 3-PIN INDOOR POWER CORD (PRE-INSTALLED)
FREEZE PROTECTION	(-30°F) INCLUDING WINDCHILL FACTOR
CONTROLLER/DIAGNOSTIC DISPLAY	UMC-117 (INCLUDED)
ELECTRONIC MANIFOLD READY?	YES: 3 TO 20 UNITS (USE MIC-180 CONTROLLER)
DUONEX™ READY?	YES: 2 UNITS WITH DUONEX™ CABLE
GAS SHUTOFF VALVE	INCLUDED
VENT REQUIREMENT (INDOOR/DIRECT VENT)	4" CATEGORY III STAINLESS STEEL VENTING REQUIRED
VENT MAXIMUM LENGTH	37.5 FEET (WITH THREE 90° ELBOWS)
AIR INTAKE (DIRECT VENT)	4" STAINLESS STEEL, PVC OR ALUMINUM
AIR INTAKE MAXIMUM LENGTH	37.5 FEET (WITH FOUR 90° ELBOWS)
NET WEIGHT	55 LBS.

FEATURES

- ENDLESS HOT WATER ON DEMAND
- ENERGY-SAVING DESIGN: HEATS WATER ONLY WHEN NEEDED
- UNMATCHED SAFETY ENGINEERING
- PROPRIETARY ICAD™ SAFETY SYSTEM (ON INDOOR MODELS)
- PROPRIETARY FILM WRAP OVERHEAT LIMITER (ON HEAT EXCHANGER)
- BUILT-IN DIAGNOSTICS & USAGE RECORDS
- INCLUDES DIGITAL CONTROLLER TO SET TEMPERATURE AND ACCESS DIAGNOSTICS
- POWER RETURN: AUTO-ON AT LAST SETTING AFTER POWER INTERRUPTION
- CAN BE USED IN CIRCULATION SYSTEMS UP TO 140°F
- WITH REGULAR MAINTENANCE UNIT WILL OPERATE AT PEAK EFFICIENCY THROUGHOUT ITS LIFETIME

ACCESSORIES

- **USC1-117** FIRST BATH CONTROLLER
- **USC2-117** SECOND BATH CONTROLLER
- **DUONEX™** CABLE FOR 2-UNIT SYSTEM
- **PIPE COVER**
- **RECESSED BOX**
- **MIC-180** CONTROLLER FOR 3 TO 6 UNIT SYSTEMS
- **MICS-180** EXPANSION BOARD FOR 7 TO 20 UNIT SYSTEMS
- **MIC COMMUNICATION CABLE:** 16 FOOT, 32 FOOT, 65 FOOT LENGTHS
- **HIGH ALTITUDE** ADJUSTMENT CHIPS
- **SPECIAL VENT TERMINATIONS**
- **TIV** TANKLESS INSTALLATION VALVES
- **UN-CLOG-IT** DESCALING KIT

IN THE BOX

- ONE WaiWELA TANKLESS UNIT
- ONE DIGITAL CONTROLLER
- ONE GAS SHUTOFF VALVE
- ATTACHED 10FT. POWER CORD (INDOOR AND DIRECT VENT MODELS)
- OPERATING/INSTALLATION MANUAL

AVAILABLE LOCALLY AT:

THE WAIWELA STORY

WaiWELA IS PROUD TO BE AFFILIATED WITH PALOMA INDUSTRIES, LTD. WaiWELA IS REPRESENTED BY EFFICIENT TECHNOLOGY SALES, LLC (ETS) IN THE USA & CANADA. WITH OVER 30 YEARS OF TANKLESS EXPERIENCE, WE ARE DEDICATED TO PROVIDING OUR CUSTOMERS WITH PRODUCTS HIGH IN COMFORT, ECONOMY, EFFICIENCY AND RELIABILITY.

PALOMA WAS THE FIRST GAS TANKLESS WATER HEATER MANUFACTURER TO ENTER THE U.S. MARKET MORE THAN 30 YEARS AGO, AND CONTINUES TO BE THE LEADER IN THE DEVELOPMENT OF SAFE GAS TECHNOLOGY.



FOR MORE INFORMATION, VISIT WWW.WAIWELA.COM OR CALL 800.605.6542

EFFICIENT TECHNOLOGY SALES | 5350 JOLIET ST #2, DENVER, CO 80239 | WaiWELA NAME, DESIGN AND RELATED MARKS ARE TRADEMARKS OF EFFICIENT TECHNOLOGY SALES, LLC. WE ARE CONSTANTLY WORKING TO IMPROVE OUR PRODUCTS AND RESERVE THE RIGHT TO CHANGE SPECIFICATIONS AT ANY TIME WITHOUT NOTICE. ©2007 EFFICIENT TECHNOLOGY SALES, LLC. ALL RIGHTS RESERVED.