

7.4
SERIES

WAIWELA

SPECIFICATIONS

MODELS AND VENTING



INDOOR

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



OUTDOOR

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

DIRECT VENT
SEALED COMBUSTION

NATURAL GAS
PH-28R DVSN
PROPANE
PH-28R 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 ~ 140°F |
| GAS CONNECTION | 3/4" NPT FEMALE (W/ 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 |
| 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" (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
- ENERGY EFFICIENCY - 30% MORE EFFICIENT THAN TANK-TYPE WATER HEATERS
- COMPACT, SPACE-SAVING DESIGN
- SELF-DIAGNOSTIC PROGRAM
- UMC-117 MAIN DIGITAL REMOTE CONTROL
- REMOTE CONTROL DISPLAYS ADJUSTABLE TEMPERATURE SETTINGS
- EXCLUSIVE FILM WRAP OVERHEAT LIMITER
- MAY BE INSTALLED AS PART OF A CIRCULATING WATER SYSTEM
- DOUBLE THE PERFORMANCE WITH DUONEX™
- 3-TO-20 UNIT SYSTEMS WITH MIC-180 CONTROLLER
- EXTENSIVE DIAGNOSTICS AND ERROR DISPLAY

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

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