Under-Ceiling Residential Heat Pump System

Indoor Model: RAV-SP180CT-UL
Outdoor Model: RAV-SP180AT2-UL

Carrier
turn to the experts

Submittal Data

Job Data:_____ Location:_____

Buyer:_____ Buyer P.O. #_____ Carrier # _____

Unit Number: _____ Model Number:_____

Performance Data Certified By: _____ Date:_____

UNDER-CEILING STANDARD FEATURES

- Digital inverter compressor technology
- System can operate in cooling only mode with heating locked out
- Slim-line design
- Line lengths up to 165'
- Auto louver mode
- Quiet operation
- 3 indoor unit fan speeds
- Power saving mode
- Low-ambient cooling down to 5°F
- Filter maintenance indicator
- Indoor sound: as low as 34 decibels
- System diagnostics

CONTROL STANDARD FEATURES

- Optional wireless remote control
- Optional wired remote control

Puron
the environmentally sound refrigerant

(Unless otherwise indicated, data applies to both indoor and outdoor models)

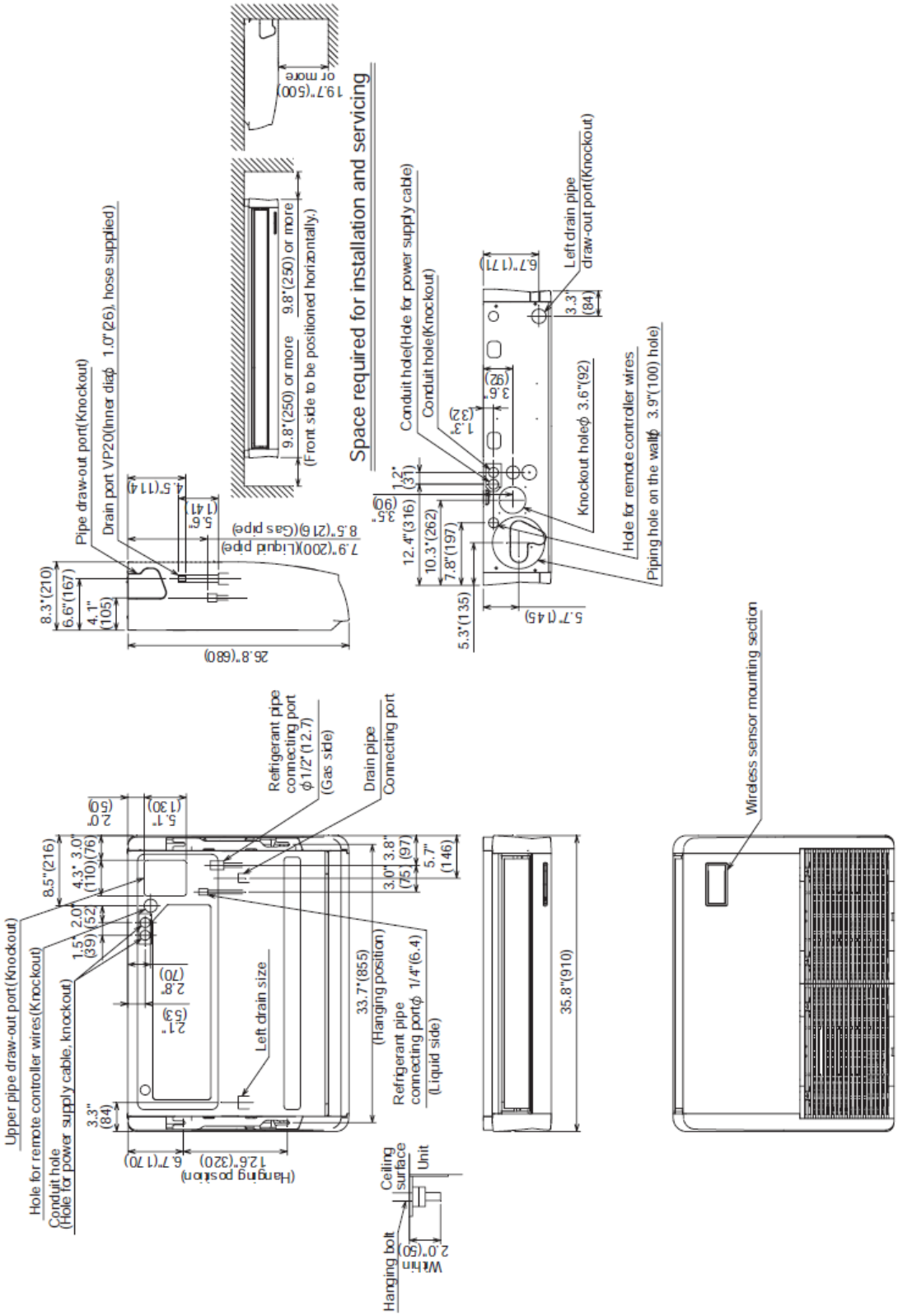
SYSTEM SIZE 18
REFRIGERANT R-410A
PERFORMANCE
Rated Cooling Capacity (Btuh) 17,000
Cooling Range (Btuh) 3,750-19,400
SEER/EER 17/8.6
Rated Heating Capacity (Btuh) 19,000
Heating Range (Btuh) 2,800-21,700
HSPF 10.8
CFM/Sound Pressure - dBA
Outdoor Sound Pressure (dBA) 48/49
Indoor Cooling Airflow H / M / L (cfm) 410/360/320
Indoor Cooling at Different Speeds (dBA) 40/37/34
Indoor Heating Airflow H / M / L (cfm) 410/360/320
Indoor Heating at Different Speeds (dBA) 40/37/34
ELECTRICAL
System Voltage ..... 208/230 - 1 – 60
Indoor Unit ..... Wired from Outdoor
Wires between Indoor and Outdoor 4
MCA 17
MOCP 30
CONTROLS
Wireless Remote ..... Optional
Wired Control ..... Optional
REFRIGERANT LINES
Total Piping Length (ft) 165
Vertical Lift (ft) 100
Suction Line Size (in) 1/2
Liquid Line Size (in) 1/4
AMBIENT OPERATING RANGE
Cooling DB Min ~ Max (F) ..... 23~110 (5 with wind baffle)
Heating DB Min ~ Max (F) ..... -4 ~ 59
UNIT WEIGHT - Gross/Net
Indoor unit (lbs) 36/31
Outdoor unit (lbs) 105/98

Accessories:
☐ Condensate Drain Pump Kit
☐ Elbow Piping Kit - Req. with Cond. Drain Kit
☐ Wireless Control RAV – Convertible
☐ Wired Control – RAV Convertible

Copyright 2014 Carrier Corp. S 7310 W. Morris St. S Indianapolis, IN 46231
Edition Date: 08/15
Catalog No: SUBRAVSP180CTAT2-1

Manufacturer reserves the right to change, at any time, specifications and designs without notice and without obligations.
Replaces: NEW

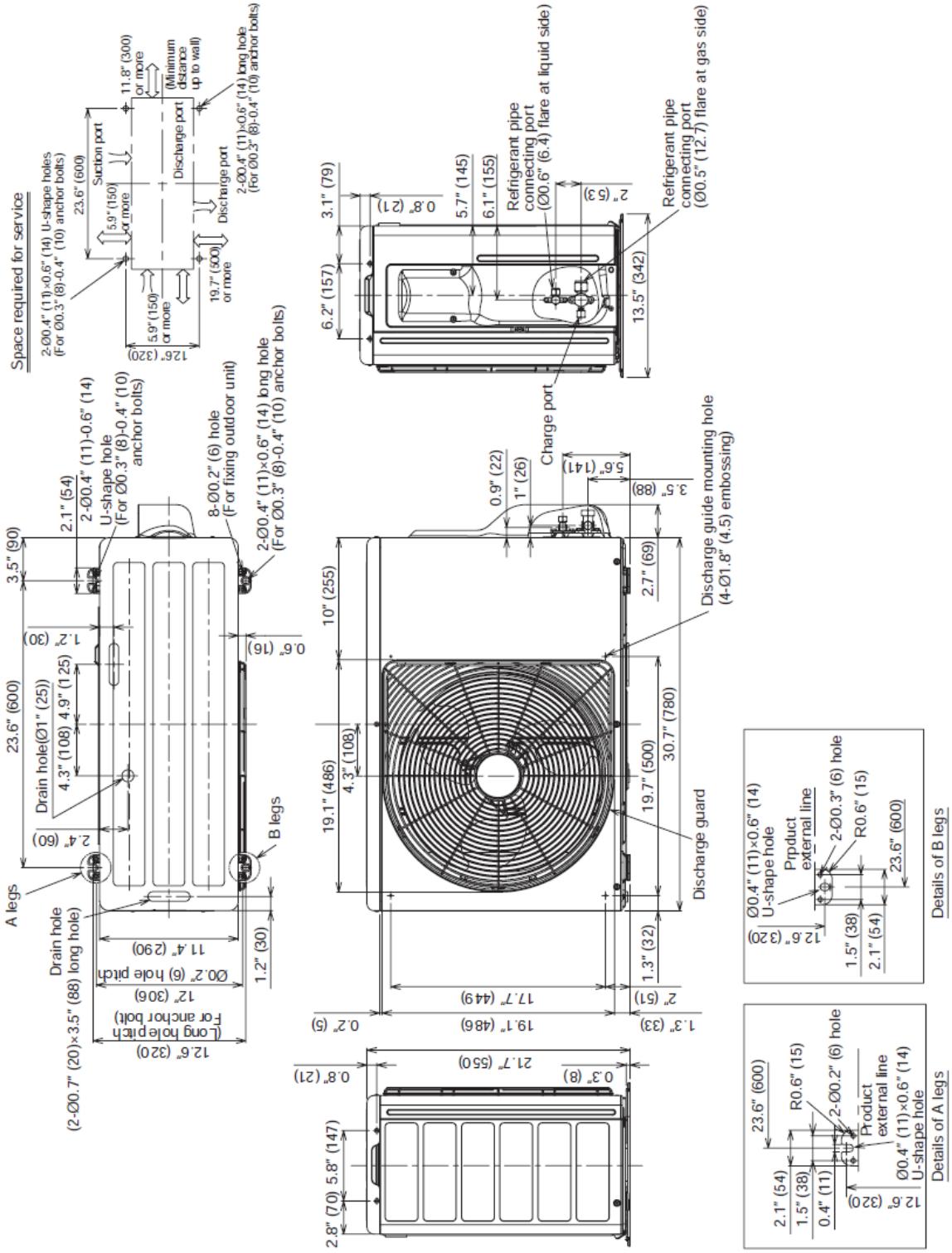
Construction View:
Indoor Unit RAV-SP180CT-UL



Copyright 2014 Carrier Corp. S 7310 W. Morris St. S Indianapolis, IN 46231

Manufacturer reserves the right to change, at any time, specifications and designs without notice and without obligations.

Construction View:
Outdoor Unit RAV-SP180AT2-UL



Copyright 2014 Carrier Corp. S 7310 W. Morris St. S Indianapolis, IN 46231

Edition Date: 08/15

Catalog No: SUBRAVSP180CTAT2-1

Manufacturer reserves the right to change, at any time, specifications and designs without notice and without obligations.

Replaces: NEW