

NORTHWESTERN UNIVERSITY
PROJECT NAME _____
JOB # _____

FOR: _____
ISSUED: 03/29/2017

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E. Filters

1. Unit shall have filter track with factory--supplied cleanable filters.

F. Operating Characteristics

1. SAHU-1 when matched with the appropriate outdoor section, shall have a minimum listed SEER (seasonal energy efficiency ratio) of 13 at ARI conditions.
2. All other operating characteristics as sv1(c)-8(s)-8.-1.1(e o)-1ad()-12.2(wnd)- 13.2(her)-[(Ava r)-6.3(-8.-1.1

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9. Fan speed control shall be user--selectable: high, medium, low, or microprocessor controlled automatic operation during all operating modes.

2.6 OPTIONAL FEATURES:

- A. Provide Low Ambient Kit: Control shall regulate fan--motor cycles in response to saturated condensing temperature of the unit. The control shall be capable of maintaining a condensing temperature of $100\text{ F} \pm 10\text{ F}$ with outdoor temperatures to -20 F
- B. Provide crankcase heater
- C. Provide wind baffle

2.7 ELECTRICAL REQUIREMENTS:

- A.

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1. Manufacturer's Field Service: Engage a factory-authorized service representative to inspect components, assemblies, and equipment installations, including connections, and to assist in testing.
- B. Tests and Inspections:
1. Leak Test: After installation, charge system and test for leaks. Repair leaks and retest until no leaks exist.
 2. Operational Test: After electrical circuitry has been energized, start units to confirm proper motor rotation and unit operation.
 3. Test and adjust controls and safeties. Replace damaged and malfunctioning controls and equipment.
- C. Remove and replace malfunctioning units and retest as specified above.
- D. Prepare test and inspection reports.
- 3.4 DEMONSTRATION
- A. Engage a factory-authorized service representative to train Owner's maintenance personnel to adjust, operate, and maintain units.

END OF SECTION 23 8126

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