



Rotron Technical Products
KENT, OHIO 44240

**BLOWER
TEST SPECIFICATION**

ENG SPEC. **15-117459-05**

A

SHEET 1 OF 1

1. INLET VACUUM:

- 1.1 TEST POT WITH A 5/8" ORIFICE.
- 1.2 PER TEST PROCEDURE E-51
- 1.3 MINIMUM VACUUM 35.0" H₂O AT S.T.P.
- 1.4 240 VAC $\pm$ 3VAC, 60 HZ. POWER TO THE BLOWER
- 1.5 10 VDC $\pm$.1VDC ON SPEED CONTROL
- 1.6 CURRENT 4.0 AMP. MAX. AT S.T.P./ (SEE TEST PROCEDURE)
- 1.7 POWER 600 WATTS MAX. AT S.T.P. (E-22.1)
- 1.8 SPEED 11,000 RPM MINIMUM

2 VIBRATION CHECK:

- 2.1 SPEED APPROXIMATELY 12,000 RPM.
- 2.2 PER TEST PROCEDURE 24.2.
- 2.3 LIMIT 0.10 MIL. MAX. DISPLACEMENT
 - 2.3.1 CHECKED WITH WIDE OPEN CONDITION PER E-65.4
 - 2.3.2 ALLOWABLE PROBE MOVEMENT $\pm$ 2° PERPENDICULAR TO SHAFT.

3. ANY ABNORMAL NOISE SHALL BE CAUSE FOR REJECTION:

- 3.1 MOTOR NOISE
 - 3.1.1 BEARING NOISE
 - 3.1.2 ROTOR STRIKE
- 3.2 FAN NOISE
 - 3.2.1 FAN STRIKE
 - 3.2.2 RATTLE (LOOSE ASSEMBLY OF FAN PARTS)

4. DIELECTRIC TEST

- 4.1 PER E-64.10.

5. 2 HOUR "BURN IN" WITH A 2 MINUTE ON AND 1 MINUTE OFF CYCLE REQUIRED OF BLOWERS PRIOR TO SHIPPING.

ISSUED BY: A. MOORE	DATE: 9/21/01	REV. A	REV	REV.
APPROVED BY:	DATE:	ECN 58742	ECN	ECN



Technical & Industrial Products
KENT, OHIO 44240

**BLOWER
TEST SPECIFICATION**

ENG SPEC. **15-117459-55**

A

SHEET 1 OF 1

1. INLET VACUUM:

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- 1.2 PER TEST PROCEDURE E-51
- 1.3 MINIMUM VACUUM 35.0" H₂O AT S.T.P.
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4. DIELECTRIC TEST

- 4.1 PER E-64.10.

5. 2 HOUR "BURN IN" WITH A 2 MINUTE ON AND 1 MINUTE OFF CYCLE REQUIRED OF BLOWERS PRIOR TO SHIPPING.

ISSUED BY: B.FRIEDLER	DATE: 4-20-06	REV. A	REV	REV.
APPROVED BY: W. ANSTINE	DATE: 4-26-06	ECN 65315	ECN	ECN