

RF-12, RF-16 PERFORMANCE SPECIFICATIONS

| Air flow through Flexible Duct at 80 psig (cfm/m ³ /hr) | | | | | | |
|--------------------------------------------------------------------|-------------------------|-------------------------|------------------|------------------|------------------|------------------|
| Model | Duct Dia. in (mm) | Straight Length of Duct | | | | |
| | | 20' (6m) | 30' (9m) | 40' (12m) | 50' (15m) | 100' (31m) |
| RF-12 | 12" (305) | 2,020 (3,433) | 1,960 (3,331) | 1,910 (3,246) | 1,870 (3,178) | 1,680 (2,855) |
| RF-16 | 16" (406) | 4,850 (8,241) | 4,750 (8,071) | 4,600 (7,816) | 4,550 (7,731) | 4,150 (7,052) |

RF-12, RF-16 FREE AIR OPERATING DATA

| Air flow divided by consumed air = delivery ratio (efficiency) | | | | | | | |
|----------------------------------------------------------------|----------------|--------------------|-----------------|--------------------|----------------|--------------------|----------------|
| Model | Inlet Pressure | | Air Consumption | | Total Air Flow | | Delivery Ratio |
| | psig | kg/cm ² | scfm | m ³ /hr | scfm | m ³ /hr | |
| RF-12 | 80 | 5.6 | 61 | 104 | 2,140 | 3,636 | 35 |
| RF-16 | 80 | 5.6 | 144 | 246 | 5,100 | 8,665 | 35 |

RF-20, RF-24 FREE AIR OPERATING DATA

| Air flow divided by consumed air = delivery ratio (efficiency) | | | | | | | |
|----------------------------------------------------------------|----------------|--------------------|-----------------|--------------------|----------------|--------------------|----------------|
| Model | Inlet Pressure | | Air Consumption | | Total Air Flow | | Delivery Ratio |
| | psig | kg/cm ² | scfm | m ³ /hr | scfm | m ³ /hr | |
| RF-20 | 60 | 4.2 | 160 | 271 | 7,000 | 11,893 | 59 |
| | 80 | 5.6 | 210 | 357 | 11,000 | 18,689 | 53 |
| RF-24 | 60 | 4.2 | 324 | 550 | 14,600 | 24,805 | 45 |
| | 80 | 5.6 | 400 | 680 | 16,900 | 28,713 | 42 |

Contact factory for performance through 20-inch and 24-inch air duct.