



## Flux Motor # F 457 & F 457 EL (variable speed)

Weight: 9.2 lbs

Open Drip Proof enclosure

800 watt / 1.07 HP

115 V (230 V available), 60 HZ, single phase

9,500 rpm

16' cord & plug

CSA Listed

Downward draft ventilation to stop fumes from entering motor

Quiet – low pitch (65-73 dB @ 1 meter vs. Lutz # B28 @ 73-77 dB)

Double insulated – see figure # 22, 26, & 27

Overload protection with manual reset – see figure # 15

High impact resistant motor housing – see figure # 22

Heavy-duty, ergonomic handle – see figure # 1

Switch (thumb control) and variable speed control are flush and protected

Radio shielding condenser (other equipment is not affected) – see figure # 16

Entire motor can be easily disassembled if repair is necessary

7.5 amp nameplate rating – operates @ less than 7.5 amp

Air deflector – fume protection and aids cooling – see figure # 37

Cable protection sleeve & clamps (cable disengagement protection) – see figure # 4, 5, 6, & 8

Brush and brush holder / easily accessible – see figure # 31, 32, 33, & 34

Switch is protected from fumes by recessed / groove design of handle cover – see figure # 2 & 22

Armature has a fan for cooling and fume protection – see figure # 38 & 39

Armature windings are coated with lacquer to protect from carbon brush dust; efficiency is maintained – see figure # 38

Bearing cup sleeve provides fume protection for bearing – see figure # 28 & 42

Large sealed bearings – upper: 24 mm OD, 7 mm width, 9 mm opening  
lower: 30 mm OD, 9 mm width, 10 mm opening