

170F(E)

Type	Single-cylinder, vertical, 4-stroke, air-cooled diesel engine	
Displacement	(cc)	211 (12.8 cu.in.)
Bore X stroke	(mm)	70 X 55 (2.76 X 2.17 in.)
Engine speed	(rpm)	3600
Maximum output	(kW)	3.36 (4.5 HP)
Continuous output	(kW)	2.98 (4.0 HP)
Starting system	Recoil manual start / optional electric start	
Fuel tank capacity	(L)	2.5 (0.66 USgal)
Lube-oil capacity	(L)	0.75 (25.34 OZ.)
Dimensions	(mm)	332 X 376 X 415
(L X W X H)	(13.07 X 14.80 X 16.34 in.)	
Dry weight (recoil)	(kg)	26 (57 lbs)
Dry weight (electric)	(kg)	31 (68 lbs)

Engine



178F(E)

Type	Single-cylinder, vertical, 4-stroke, air-cooled diesel engine	
Displacement	(cc)	296 (18.1 cu.in.)
Bore X stroke	(mm)	78 X 62 (3.07 X 2.44 in.)
Engine speed	(rpm)	3600
Maximum output	(kW)	4.9 (6.6 HP)
Continuous output	(kW)	4.4 (5.9 HP)
Starting system	Recoil manual start / optional electric start	
Fuel tank capacity	(L)	3.5 (0.92 USgal)
Lube-oil capacity	(L)	1.1 (37.17 OZ.)
Dimensions	(mm)	383 X 421 X 450
(L X W X H)	(15.08 X 16.57 X 17.72 in.)	
Dry weight (recoil)	(kg)	33 (73 lbs)
Dry weight (electric)	(kg)	38 (84 lbs)

Engine



186F(E)

Type	Single-cylinder, vertical, 4-stroke, air-cooled diesel engine	
Displacement	(cc)	406 (24.78 cu.in.)
Bore X stroke	(mm)	86 X 70 (3.39 X 2.76 in.)
Engine speed	(rpm)	3600
Maximum output	(kW)	7.34 (9.85 HP)
Continuous output	(kW)	6.6 (8.85 HP)
Starting system	Recoil manual start / optional electric start	
Fuel tank capacity	(L)	5.5 (1.45 USgal)
Lube-oil capacity	(L)	1.65 (55.75 OZ.)
Dimensions	(mm)	417 X 441 X 494
(L X W X H)	(16.42 X 17.36 X 19.45 in.)	
Dry weight (recoil)	(kg)	48 (106 lbs)
Dry weight (electric)	(kg)	53 (117 lbs)

Engine



ETQ PRODUCTS HAVE PASSED EPA AND CARB STANDARD.

EASTERN TOOLS & EQUIPMENT, INC. TEL:1-626-960-6299 FAX:1-626-960-6244 WEB SITE:<http://www.easterntools.com>