



ABCO 29 DJ

WELDED ALUMINUM

RAPID RESPONSE PATROL BOAT



PERFORMANCE & SAFETY

DESIGNED FOR:

- Maximum safety and comfort
- Excellent performance and maneuverability
- Durable, rugged construction
- Minimum maintenance costs and associated downtime
- High overall value
- Long service life
- Ability to be customized

PARTICULARS:

- Length: 29' 4" (hull)
- 32' 2" (incl. platform)
- Beam: 10' 5"
- Draft: 18"
- Deadrise: 20 deg transom
- Propulsion: Volvo D6 370 hp
Ultradynamics 305 waterjet
- Fuel: 100 l Gallons (454 L)



Designed and manufactured by ABCO



SPECIFICATIONS for ABCO 29 DJ (DIESEL JET)

The ABCO 29 DJ is designed for safety and performance in harbor patrol, search and rescue, and emergency missions.

Hull Structure:

- Hard chine hull with chine flats
- Lifting strakes/spray deflectors
- Three main watertight hull compartments
- Closed wheelhouse and cuddy
- Heavy duty internal structure with longitudinal stringers and bulkheads
- Self bailing deck through freeing ports
- Raised pattern main deck, washboards, foredeck
- 7 welded cleats
- Forward anchor rode locker
- Double horizontal safety bow rail extending aft approximately 12 feet from bow
- Transom platform / jet guard
- Tough 6" proprietary "epsilon" non marking fendering system
- Sound insulation in engine compartment held in place by perforated galvanized steel

Wheelhouse, Cuddy:

- Wheelhouse approximately 6'6" long from back to console
- Hinged watertight lexan full view door, lockable
- Minimum headroom wheelhouse 6'5"
- Raised cuddy approximately 8' long
- Mounting frame for radar, lights, antennas and horn
- Safety handrail full length on top, both sides and after sides of house
- Head, sink and seats with marine cushions in cuddy

Propulsion:

- Volvo D6 370 hp electronic diesel with ZF reverse gear
- Ultra Dynamic 305 waterjet
- CV driveshaft
- Wet exhaust with muffler

Steering:

- Hydraulic steering with stainless steel wheel
- Helm pump sized for waterjet application

Fuel System:

- Separate fuel tank - 100 Imperial Gallons (454 litres)
- Tank and fuel system pressure tested and certified
- Racor filtration system
- Emergency fuel shutoff located on tank discharge
- Electric fuel gauge mounted on console
- Fuel fill catch all

Pumps and Plumbing:

- One 4000GPM and two 1250 GPM Rule bilge pumps with automatic activators and dedicated dash mounted panel with audible alarm
- One hand bilge pump
- Manual head in cuddy with 13 USG holding tank
- Sink with manual pump and 13 USG fresh water tank

Heating and Defrosting:

- Hot water bus heater with fan

Battery and Electrics:

- Two AGM batteries with battery boxes
- Battery selector switches
- 10 circuit 12VDC breaker panel
- Battery charger and shore power
- 4 - 120 VAC outlets

Windows, doors, hatches:

- Two forward facing windows and two side sliding windows of safety glass set in aluminum frames
- Open companionway to cuddy
- Two windshield wipers with washer system for forward facing windows
- 19" Bomar hatch on cuddy top
- Hinged lexan full view door, lockable
- Engine 'day' hatch with 2" marine seating cushion
- Large engine maintenance hatch

Lighting:

- Navigation lights
- Interior lights (red/white)
- Halogen aft deck light
- Blue police light

Fire Fighting:

- 2 - 5 # ABC fire extinguisher, wheelhouse
- 1 - 5# ABC fire extinguisher, engine compartment
- 1 - 10 lb. CO2 fire extinguisher for engine room
- Smoke alarm and heat rise alarm for engine compartment

Navigation , Communication:

- RayMarine DSC VHF with 8 foot antennae
- Integrated Raymarine Multi function C80 radar/gps/sounder/plotter with 8" display and 18" radome with electronic charts for Nova Scotia
- Ritchie navigator compass
- Single trumpet electric horn

Ground tackle, dock lines:

- 16 # Danforth style galvanized anchor with 10 feet 5/16" galvanized chain and 150 feet 5/8" twist nylon rode
- Four 30 foot 5/8" twist nylon dock lines

Finish:

- Interior - insulated with laminate cover
- Bottom - antifouling with coloured boottop
- Topsides - bare aluminum or optional painting

Miscellaneous:

- Zinc anodes
- Life jackets, flares, and life ring
- Safety plaques and signage
- Owners manual
- Customization and optional equipment available

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