

EconAir EADU85H/EA-A1-15D

Upblast Exhaust Fan & Supply (Make-Up Air) Fan Package — Technical Spec Sheet

Specification	Value
Brand	EconAir (a trademark of CaptiveAire)
SKU	ECO-EADU85H/EA-A1-15D
Category	Kitchen Hood Exhaust Fans & Intake Fans
Package Contents	1x Upblast Exhaust Fan (EADU85H) + 1x Supply / Make-Up Air Fan (EA-A1-15D) + roof curbs & accessories

Fan #1 — EADU85H (Upblast Exhaust Fan)

Specification	Value
Model Number	EADU85H
Fan Type	High Speed Direct Drive Centrifugal Upblast Exhaust Fan
Airflow (Exhaust)	1,380 CFM @ -1.160" w.c. ESP (External Static Pressure)
Fan Speed	1,265 RPM
Wheel Size	15-3/4"
Wheel / Blade / Inlet Material	Non-overloading, backward-inclined, 3003-H14 aluminum construction
Motor	0.750 HP, 1 Phase, 115V, 60Hz, 9.8 FLA (Full Load Amps)
Motor Enclosure	ODP (Open Drip Proof)
Speed Control	Variable speed control included (single-phase units only; VFD required for 3-phase speed adjustment)
Disconnect Switch	Standard emergency disconnect switch included
Drive Compartment	Fully enclosed; forced fresh-air cooling for extended motor life
Mounting	Wall-mountable; roof-curb mounted as configured for this job
Grease Management	1x grease cup for kitchen-duty centrifugal exhaust fans
Roof Curb (Fan #1)	CRB23X26E flat curb; hinged base (standard hinge, wheels $\leq 20"$), 12-GA galvanized; vented base for curb
Curb Cap / Down Spout Box	17-1/8" L x 5-1/16" W x 3-3/4" H, 20 GA (includes down spout)
Certifications	ETL Listed (UL705 & UL762), CSA Std C22.2 No. 113 compliant (EconAir EADU-H product family)

Fan #2 — EA-A1-15D (Supply / Make-Up Air Fan)

Specification	Value
Model Number	A1-15D (EconAir/CaptiveAire A-Series, Size #1 Housing)
Fan Type	Untempered Supply Unit — 15" Mixed Flow Direct Drive Fan

Airflow (Supply)	1,104 CFM @ 0.500" w.c. ESP
Fan Speed	1,288 RPM
Motor	1.000 HP, 1 Phase, 115V, 60Hz, 11.6 FLA
Motor Type	TEAO-ECM (Totally Enclosed Air Over – Electronically Commutated Motor)
Discharge Configuration	Down discharge; airflow right → left
Intake / Filtration	Sloped filtered intake, 22" W x 25.875" L x 23.375" H; includes 2" MV EZ Kleen metal-mesh filters
Controls	ECM wiring package with manual or 0–10VDC control for supply EC motor; MSC controller (do not order controller under warranty — use part number CAS MSC)
Roof Curb (Fan #2)	CRB21X20 flat curb
Product Family CFM Range	500–2,800 CFM (A1 / Size #1 housing family — per EconAir/CaptiveAire A-Series data)

Source & Verification Note

This spec sheet was compiled from the “From The Manufacturer” technical text on the ChefsDeal product page (data supplied by the vendor for this specific job/SKU) — this is the only primary source available for this job-specific configuration (EconAir does not publish a separate PDF for custom/job-specific configurations; the same was found during the EconAir 5424EX-2-PSP-F-18FT audit). For verification: (1) the 1,380 CFM figure for Fan #1 is consistent with the general range (41–3,489 CFM) stated on EconAir's own EADU-H product family page (econair.com/exhaustfans/eaduh.asp); (2) the 1,104 CFM figure for Fan #2 falls within the known 500–2,800 CFM range of the same A1 / Size #1 housing family (EconAir A1-15D-SC product page, jeansrs.com). Requesting a separate signed/stamped PDF spec sheet from the manufacturer for this job-specific unit is recommended for full one-to-one verification.

This document was prepared by the ChefsDeal Catalog team, based on the existing page data, as the customer-facing Resources / Spec Sheet PDF. Internal order references (Job #3485910, “PROTO 6”) have intentionally been left out of this document.