

**PERFORMANCES ENERGETIQUES
ENERGY PERFORMANCES - ENERJİ PERFORMANSI**

Certificat / Certificate / Sertifikasi n° : 1312CQ6111 (rev. 7)

Révise le certificat / Revises the certificate / sertifikayı gözden geçirir n° 1312CQ6111 du 2015/12/17

CERTIGAZ, Organisme Notifié n°1312 pour la Directive 92/42/CEE, déclare par la présente que, conformément à l'article 4 du Règlement (UE) N° 813/2013 de la commission du 2 Août 2013 portant application de la Directive 2009/125/CE, les appareils :

CERTIGAZ, Notified Body n°1312 for council Directive 92/42/EEC, hereby declares that, according to article 4 of commission regulation (EU) N°813/2013 of 2 August 2013 implementing Directive 2009/125/EC, the appliances:

CERTIGAZ, Onaylanmış Kuruluş n°1312 Konsey Direktifi için 92/42/EEC, 2 Ağustos 2013 tarih ve 813/2013 sayılı Komisyon Tüzüğü (AB) Tüzüğü ve 2009/125/EC sayılı Direktifi uygulayan 4. Maddesi uyarınca, cihazların şunları yaptığını beyan eder :

- **Fabricant** : **ALARKO CARRIER SANAYİ VE TİCARET A.Ş.**
Manufacturer | Üreten 75. Yıl OSB Mah. 20. Cad. No:46 26110 Odunpazarı / ESKİŞEHİR – TÜRKİYE
- **Genre de l'appareil** : **Chaudières de chauffage central**
Kind of the appliance | Cihaz Tipi **Central Heating Boilers | Merkezi Isıtma Kazanları**
Evacuation / Flue system: B₂₃, B₃₃, C_{13(X)}, C_{33(X)}, C_{43(X)}, C₅₃, C_{53(X)}, C_{12(X)}, C_{83(X)}, C₉₃
- **Désignation du type** : **ALDENS series**
Type designation | Tip tanımı

Marque commerciale <i>Trade mark Ticari Marka</i>	Symbole * / Symbol * / Sembol * Unité / Unit / Birim										
	Modèle(s) / Model(s) / Model(ler)	η4 (%) PCS	η1 (%) PCS	P 4 (kW)	P 1 (kW)	elmax (kW)	elmin (kW)	P SB (kW)	P stby (kW)	P ign (kW)	ηs (%) PCS
ALDENS 150 L – 150T	89,24	96,68	143,7	46,0	0,284	0,028	0,003	N/A > 70kW	2,157	91,48	
ALDENS WM-150, ALDENS WS-150	87,40	96,70	140,7	46,7	0,279	0,029	0,003		2,157	92,0	
ALDENS 130 L – 130T	86,47	98,47	120,0	41,0	0,206	0,024	0,003		1,938	93,66	
ALDENS WM-130, ALDENS WS-130	87,60	97,6	121,6	40,6	0,207	0,027	0,003		1,938	92,8	
ALDENS 115 L – 115T	87,81	97,58	105,3	35,1	0,143	0,023	0,003		2,308	93,1	
ALDENS WM-115, ALDENS WS-115	87,90	98,20	105,4	35,3	0,145	0,024	0,003		2,31	93,4	
ALDENS 105 L – 105T	86,90	97,72	101,3	34,2	0,131	0,021	0,003		1,966	91,85	
ALDENS WM-105, ALDENS WS-105	86,63	98,30	101,0	34,4	0,129	0,023	0,003		1,966	93,24	
ALDENS 85 L – 85T	86,04	97,52	81,2	25,4	0,109	0,018	0,003		2,916	92,78	
ALDENS WM-85, ALDENS WS-85	86,80	98,10	81,9	27,8	0,105	0,020	0,003		2,92	93,1	
ALDENS 65 L – 65T	87,35	97,66	61,6	20,7	0,092	0,017	0,003		0,068	1,751	91,34
ALDENS WM-65, ALDENS WS-65	87,35	97,66	61,6	20,7	0,092	0,017	0,003		0,068	1,751	91,34

Ont été évalués avec du gaz G20 selon les Règles citées ci-avant et le(s) rapports(s) d'essais N° | Have been tested with G20 gas according above mentioned Rules and test(s) report(s) N° | Yukarıdaki kurallara ve test raporlarına uygun olarak G20 gazı ile değerlendirilmiş olmalıdır.

101004TRGAR – 401719TRGAR

Toute reproduction de ce certificat doit l'être dans son intégralité. | Reproduction of this certificate must be in full. | Bu sertifikanın yeniden basılması bütünüyle yapılmalıdır.

* Legend: Useful efficiencies: η₄: At rated heat output and high-temperature regime; η₁: At 30 % of rated heat output and low-temperature regime.

Useful heat output: P₄: At rated heat output and high-temperature regime; P₁: At 30 % of rated heat output and low-temperature regime.

Auxiliary electricity consumption: elmax: At full load; elmin: At part load; P SB: In standby mode.

Other items: P stby: Standby heat loss; P ign: Ignition burner power consumption

η_s: seasonal space heating energy efficiency (calculated value, for boilers below 70kW heat output)

High-temperature regime means 60 °C return temperature at heater inlet and 80 °C feed temperature at heater outlet. 30 °C, for low-temperature boilers 37°C and for other heaters 50 °C return temperature (at heater inlet). Low temperature means for condensing boilers calculated values are based on gross calorific value (reference conditions 15°C, 1013,25mbar).