



Honeywell TMG740-3 MOD-43-35

Combined Burner Control Unit, Resideo SKU 08218U

Product scope

- Controls sequenced operation of forced-draught gas, oil and dual-fuel burners.
- Supports staged or modulating burner arrangements with supervised ignition.
- Accepts the documented ionization, infrared or ultraviolet flame-detection methods.
- Requires exact timing, detector, supply-voltage and wiring-subbase verification.

Manufacturer source

Resideo official product record for SKU 08218U, TMG 740-3 mod. 43-35.

The enclosed record and retained manufacturer pages identify the exact product and explain its function, operating principle, application and critical matching requirements.

Request a fast quote	Product reference	
Email: info@apterpower.com Phone: +86 18106909650 apter.com/inquiry.php	Honeywell TMG740-3 MOD-43-35	

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Honeywell TMG740-3 MOD-43-35

Combined Burner Control Unit, Resideo SKU 08218U

Manufacturer-source product record

This record consolidates exact-model facts from the manufacturer references listed below. It is included to identify the ordering configuration before the retained source pages.

Current product identity	TMG 740-3 mod. 43-35
SKU	08218U
Product class	Combined burner control unit
Burner applications	Forced-draught gas, oil and dual-fuel burners
Operating modes	Single-stage, two-stage, multi-stage or modulating burner sequences
Flame supervision	Ionization electrode, IRD 820/1020 or UVZ 780 according to the documented burner arrangement
Subbase	70205 wiring subbase ordered separately
Supply execution	220/240 V AC execution associated with SKU 08218U

Official references

- Resideo official product record for SKU 08218U, TMG 740-3 mod. 43-35.
- Official source: <https://www.resideo.com/emea/en/products/energy/combustion/combustion-accessories/08218u-combined-burner-control-unit-tmg-740-3-mod-43-35-08218u/>
- Honeywell historical TMG 740-3 operating documentation, SZ20R1205.

Only the exact configuration shown above is represented. Adjacent model variants, optional assemblies and system accessories are not treated as part of this ordering identity.

Function, operating principle and application

The notes below explain how this product is used and how its documented signal, power or control path operates. They remain limited to the manufacturer evidence for this model.

Purpose

The control unit automates the start, supervised firing and shutdown sequence of medium- and high-performance forced-draught burners, including direct-air-heater applications.

Working sequence

On a valid heat demand, the controller performs the programmed pre-purge and ignition sequence, supervises establishment of flame and then releases the selected burner stage or modulation path.

Flame-failure protection

The flame detector signal is evaluated throughout the safety sequence. If a flame is not established within the permitted safety interval, or is lost during operation, the control unit drives the burner to lockout.

Fuel and staging role

The same control platform can coordinate gas, oil or dual-fuel equipment and can operate single-stage, two-stage, multi-stage or modulating burner configurations when the external actuator and interlocks match the approved circuit.

Installation checks

Confirm the exact Mod 43-35 timing execution, supply voltage, detector type, 70205 subbase wiring, limit chain and burner standard before replacement; similar TMG 740 variants are not interchangeable by appearance alone.



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