

Gamma - Heating & cooling fan coil AHU



Gamma Range Technical Data

- Heating duty : 60kW ~ 750kW
- Cooling duty : 35kW ~ 450kW
- Air volume : 2.78 ~ 16.7m³/s
- Air velocity : 2.75 ~ 3.32m/s
- External static pressure : 300Pa
- Voltage : 410
- Sound levels @ 3m : 63 ~ 72dBA
- Panel construction : Insulated twin skin
- Insulation thickness : 25mm
- Inner frame : Aluminium pentapost
- Outer frame : Formed & welded heavy gauge steel

Gamma Range Optional Features

- Panel construction & finish
- Insulation media
- Fork lift truck points (x 2 or x 4)
- Lifting eyes
- Stackable
- Controls up-grades
- Upgraded IP rating
- Optional inverter drives
- Optional integral filter section
- Optional inlet dampers
- Discharge & return air spigot configuration



Gamma - High Performance Heating & Cooling Air Handling Units

Gamma is a range of air handling units with cooling and heating duties from 35kW to 450kW (cooling), and with air volumes from 2.78m³/s to 16.7m³/s, or with duties and volumes matched specifically to customer requirements.

The Gamma Range was originally developed for use with the Beta Range of boiler houses to provide warm air heating, but they can also be used as cooling coils. In common with the Alpha and Beta ranges the higher duty units in the Gamma range use a fully welded rigid and immensely strong chassis design with flush fitting insulated doors and removable panels, to provide a very strong, robust, and extremely durable product. Models with lower duties feature a rigid welded steel base frame and a construction using extruded aluminium section with flush fitting insulated panels.

Again, like all our products each Gamma unit is hand built to the highest standards, and is designed to withstand rigorous and prolonged use within the hire industry. Each Gamma unit is fitted with four-way FLT pockets, lifting eyes, and is also designed to be stackable when not in use. .

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Technical & Performance Data

		Gamma 35	Gamma 80	Gamma 150	Gamma 300	Gamma 450
Heat output	kW	60	135	255	510	750
Heat output	k/Cal	51,600	116,100	219,300	438,600	645,000
Cooling output	kW	35.00	80.00	150.00	300.00	450.00
Cooling output	k/Cal	30,100	68,800	129,000	258,000	387,000
Air volume	m ³ /s	2.78	3.50	5.50	11.00	16.70
Air velocity	m/s	3.19	3.32	3.13	2.75	3.13
External static pressure	Pa	300	300	300	300	300
Electrical	V-ph-Hz	415-3-50	415-3-50	415-3-50	415-3-50	415-3-50
Noise level	dBA	65	65	72	71	72
Duct (dia x qty x length)	mm/qty/m	300x2x20*	450x2x30*	600x2x90*	630x2x90*	900x2x90*

* Figures quoted are without any return air ducting, quantity and diameter of discharge and return air spigots can be specified

Applications

Typical applications for the Gamma Range include the following: construction sites, outdoor events and marquees, temporary storage facilities, crop drying, frost protection, warehousing, plant and building refurbishment, process heating, building drying and dehumidification, ship building and refitting, garages, temporary heating within industrial and commercial units, greenhouses and agriculture, in theatre military uses, and very many more...

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