

# LONGAR® Type 7

## Air Diffuser / Air Entry Grille



### LONGAR® TYPE 7 FEATURES:

- One piece construction / robust.
- Fixed grille.
- Optional filter to fix to rear.
- CNC machine manufactured for perfection every time.
- No moving parts to break.
- Stainless steel.
- Standard sizes in stock.

### APPLICATIONS

- Commercial kitchens
- Air handling equipment
- Air conditioning
- Commercial buildings

### LONGAR® TYPE 7 AIR DIFFUSER / AIR ENTRY GRILLE

The Type 7 Air Diffuser is held in stock in a number of sizes, this product is ideal for a number of applications including the heating and ventilation industry as a grill or air diffuser. The grille can be fitted with a filter at the rear to provide filtration for situations where an improvement in IAQ is required. When the diffuser is utilised in canopy installations it offers greater strength to the canopy when installed.

### CONSTRUCTION / MATERIAL SPECIFICATION

The Type 7 Air Diffuser is available in a number of standard sizes please see details below, the standard finish is Stainless Steel 240 Grit Dull Polish, other sizes and materials / finishes are available on request.

Locating holes of 6mm are on the face as standard, a 4.3mm hole is utilised for the grill at a 6.4mm pitch. The free area of the grill is 41%.

### FITTING INSTRUCTIONS

- Fit products as required.

### HANDLING

- Handle with care when unpacking.
- Store in dry and frost protected place.

### MAINTENANCE

- All maintenance should be carried out in accordance with the planned maintenance set by installation contractor.
- When handling any components suitable PPE should be used; gloves, eye protection and access equipment.
- Air Grilles/Diffusers should be relatively maintenance free, other than surface cleaning.
- For more exact guide to cleaning you should contact a cleaning specialist.

### PACKAGING

All units are packaged in double wall boxes, glued closed for protection whilst in transit against contamination.

For technical specifications, part numbers and ordering information, please see overleaf.

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### TECHNICAL SPECIFICATIONS

SIZE ORDERING GUIDE (TOLERANCES +/- 2mm)						
Part Number	Width	Height	Depth	Rear Exit Size	Filter Size	Weight
STDIFF430/400200	400mm	200mm	37mm	342x140mm	335x132mm	0.71kgs
	15.75"	7.87"	1.46"	13.46x5.51"	13.19x5.20"	1.56lbs
STDIFF430/750200	750mm	200mm	37mm	692x140mm	685x132mm	1.27kgs
	29.53"	7.87"	1.46"	27.24x5.51"	26.97x5.20"	2.79lbs
STDIFF430/1000300	1000mm	300mm	37mm	942x240mm	935x232mm	2.20kgs
	39.37"	11.81"	1.46"	37.09x9.45"	36.81x9.13"	4.84lbs
STDIFF430/1200300	1200mm	300mm	37mm	1142x240mm	1135x232mm	2.42kgs
	47.24"	11.81"	1.46"	44.96x9.45"	44.69x9.13"	5.32lbs
STDIFF430/1400300	1400mm	300mm	37mm	1342x240mm	1335x232mm	2.64kgs
	55.12"	11.81"	1.46"	52.83x9.45"	52.56x9.13"	5.81lbs
FINAL RECOMMENDED PRESSURE LOSS: N/A						



**LONGAR INDUSTRIES**

FILTERS AND FABRICATIONS FOR A CLEANER ENVIRONMENT