/ENTILATION SYSTEMS





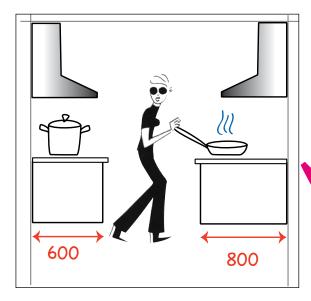
QASAIR rangehoods must be vented to zincalume duct or non-porous and nonflammable material.

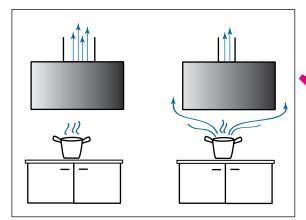












Did You Know

Some General Rules to be aware of:

QASAIR RANGEHOODS are designed to capture all the by products produced by all the domestic cookware available in Australia.

Standard bench tops are 600 mm deep.

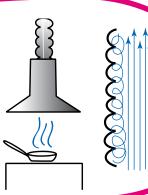
If the bench top is going to be 700 mm or 800 mm deep then you will need to advise the sales person.

If the bench top is 800 deep and overhead cupboard is 300 mm, the rangehood will not do the job required.

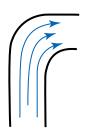
If the cooking appliances measure more than 1000 mm then we recommend two motors in the hood.

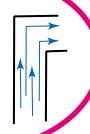
If a barbecue, wok burner or a teppanyaki plate are being installed then two motors must be used to ensure the necessary air movement is achieved.

- Use the correct size ducting otherwise the air movement will be reduced.
- **2** Use non-flammable ducting to avoid fires burning through plastic ducting.
- 3 Do not use flexible ducting as eddies result along the sides causing a disturbance which reduces the air flow by half.



- **4** Do not duct into the ceiling as odours will come out in another room and could be a fire hazard. Duct to the outside atmosphere.
- 5 Do not have sharp bends as 90° bends can reduce air flow by 20% to 25%. All bends must be streamlined.





- **6** Duct to the outside atmosphere in the shortest distance. The longer the duct run will results in a drop in the air movement.
- 7 Do not use a QASAIR rangehoods over cooking appliances with a Mega Joule rating of 50 mj and over. Condari P/L will make rangehoods to work over these appliances.

GETTING IT RIGHT THE FIRST TIME

AIR MOVEMENT

QASAIR Rangehoods recommend a minimum air movement of 1400 cubic metres per hour – and therefore, a minimum of two motors over the following appliances:

- indoor barbecues
- deep fryers
- wok burners
- fish burners
- griddle plates
- high speed gas grillers
- teppanyaki plates

METAL DUCTING

QASAIR recommend the use of rigid, metal ducting, and specify minimum dimensions for one, two or three motors. This duct size must not be reduced. QASAIR Rangehoods can be either top or back ducted.

OUTSIDE ATMOSPHERE

QASAIR Rangehoods recommend that all rangehoods be ducted to the outside atmosphere. Ducting into the ceiling space can cause leakage of smoke and odours into other parts of the house through joins and light fittings, and can also be a dangerous fire hazard.

PLAN AHEAD

Where possible, ducting should be considered during the planning stage, or at least, frame stage. Every kitchen designer should consider the duct layout and the space required for duct work

when designing a kitchen.

INSTALLATION

QASAIR Rangehoods are capable of extracting enormous quantities of air. A three motor QASAIR Rangehood has a maximum air movement of 2700 cubic metres of air per hour. Therefore, the effective design and dimensions of duct work is critical to the proper installation of the rangehood. The duct type or construction can significantly effect the performance of the rangehood. Bends, deflections and excessive length can also reduce the effectiveness of the rangehood by up to 70%. Other factors such as room size, height over the benchtop and the type of cooking appliances being used should also be considered when deciding on the rangehood and appropriate ducting.

TAKE THE RESPONSIBILITY

It is the responsibility of the client to inform the architect, kitchen designer, builder or cabinetmaker which QASAIR Rangehood they will be using, so that provisions for it can be made during construction.

It is also advised that the tradespeople on site are made aware of the special and specific requirements of QASAIR Rangehoods.

Always seek the recommendation and specifications of the manufacturer.

FOUNDATION FOR EXCELLENCE

QASAIR Rangehoods are at the forefront of design and innovation in kitchen appliances. The objective has always been to retain the purposeful ability to function in all domestic kitchens and also making them quieter so normal conversation can be carried out while cooking.

Since 1990 Condari Pty Ltd has consulted with the CSIRO to examine ways to achieve and improve this. Qasair Rangehoods have a decibel rating of 50 or less. Now with one model tested at 36.7 db on high speed. We will continue to improve our rangehoods and to introduce more models to enchance modern designed kitchens.

The following pages show diagrammatically all the ducting pieces we manufacture.

We will also make special ducting pieces where necessary if the standard ones will not fit. If the installer tells us what is required we will make and deliver within 3 to 5 working days. It is important to keep the correct cross sectional area the same for the outlet of the motor or motors.

QASAIR Rangehoods are manufactured in Australia.

QASAIR have been manufacturing rangehoods in Victoria for over forty years.

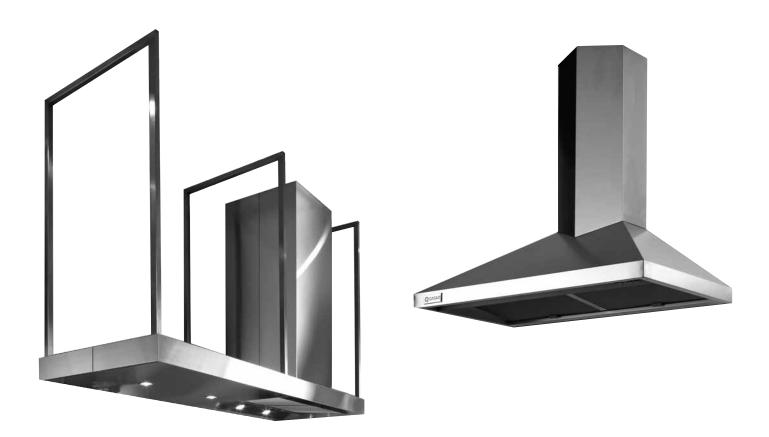
Helmut Goetz, a German engineer, who began manufacturing at a factory in Hawthorn in 1968, developed the original concept. His engineering credentials provided the foundation for the excellent performance for which QASAIR is known.

The factory is now located in Ringwood Victoria 3134, and QASAIR Rangehoods are distributed all over Australia. They are also exported into Asia and New Zealand.

QASAIR is committed to maintaining high air movement with minimal noise.

QASAIR has positioned itself at the forefront of the quality domestic cookware industry.

One of the major challenges confronting QASAIR Rangehoods is to manufacture a product which not only attains the highest standard of performance, but that is also innovative in design in an intensely competitive market. QASAIR's success is a tribute to a company, which continually strives for excellence in an unending quest for improvement.



PERFECTION IN METAL

QASAIR is perfection in metal. It incorporates a ventilation system, which is both visually pleasing and efficient over all domestic cooking appliances, whilst also achieving an unequalled level of quietness.

QASAIR has taken rangehoods to the next level by reducing the noise emission to below that of other kitchen appliances.

QASAIR showcases the very latest in Australian design for Australian conditions. The QASAIR range reveals a selection of creative designs in the most modern styling. Boasting an array of sensual lines, which immediately create a striking presence, QASAIR hoods retain the purposeful ability to function over all domestic cooking equipment available on the Australian market today.

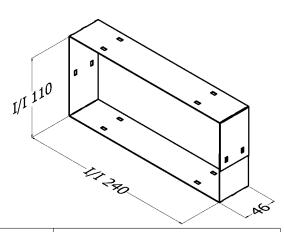
By using advanced technology combined with the latest automated techniques, QASAIR offers functionality with superb design.

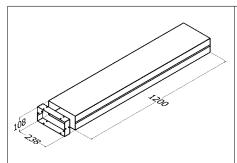


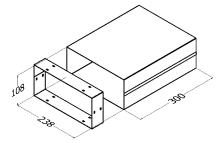
SINGLE MOTOR DUCTING I/D Internal Diameter

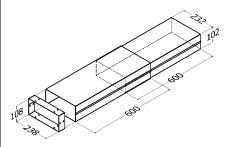
NOTE:

This Zinc Alume Strip is provided to join some duct pieces together. It will be clearly shown on the drawing of the piece it is supplied with.





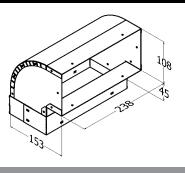


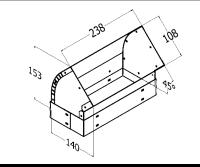


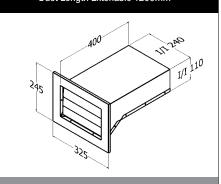
101. DL-1 Duct Length 1200mm DL-1C Duct Length (coloured)

101. DL-1A Duct Length 300mm

101. DL-1E Duct Length Extenable 1200mm



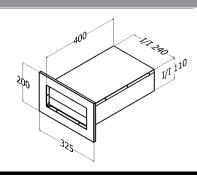


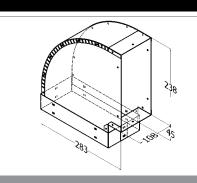


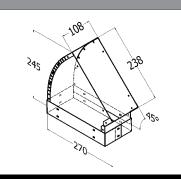
102. HB-1 Horizontal Bend 90°

103. HB-1/45 Horizontal Bend 45°

104. BD/WV-H-1 Back Draft Wall Vent Horizontal



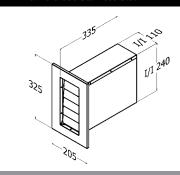


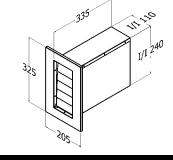


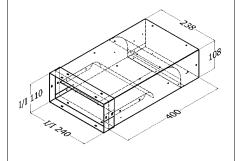
105. BD/WV-H-1 MGS Back Draft Wall Vent Horizontal Marine Grade Stainless Steel

106. VB-1 Vertical Bend 90°

107. VB-1/45 Vertical Bend 45°





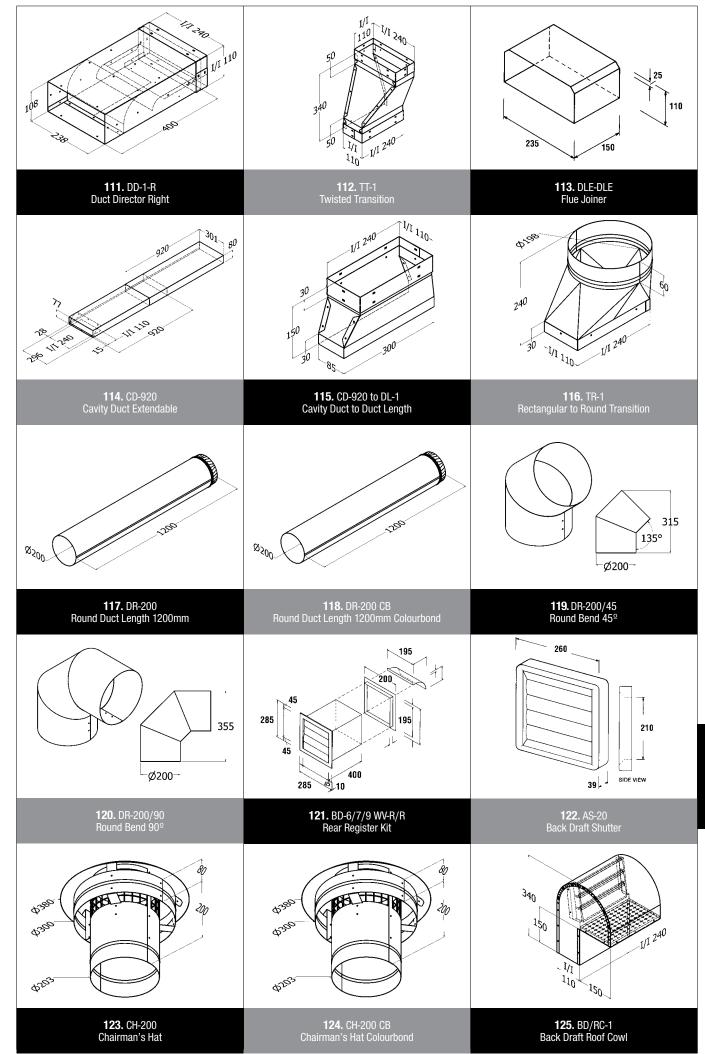


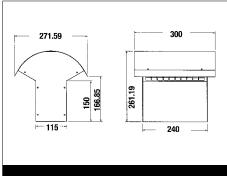
108. BD/WV-V-1 Back Draft Wall Vent Vertical

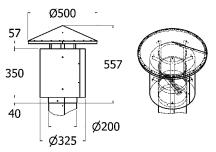
109. BD/WV-V-1 MGS Back Draft Wall Vent Vertical Marine Grade Staineless Steel

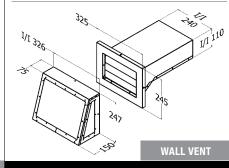
110. DD-1-L Duct Director Left

5





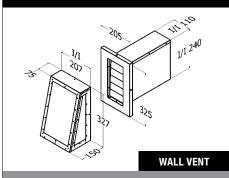




141. RC-1 S/S Roof Cowl Single Motor Stainless Steel

142. FRC-200 Fire Rated Roof Cowl. Grade 445 Stainless Steel

143. FRWV-H-1 Fire Rated Wall Vent Horizontal



144. FRWV-V-1 Fire Rated Wall Vent Vertical

WALL VENT SPECIFICATIONS

The wall vent and wall vent cover are made from 445M2 grade stainless steel which has a higher content of the corrosion element, chromium. The wall vent covers have stainless steel screening type 316 grade and meets the requirements for stainless steel screening under the Australian Standard AS 3959-2009 Construction of Buildings in Bushfire-prone areas.

210. BD/WV-V-2 MGS Back Draft Wall Vent Marine Grade Stainlerss Steel

8

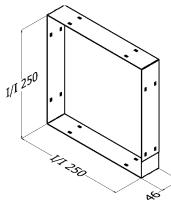


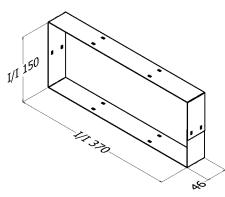
TWIN MOTOR DUCTING

I/D Internal Diameter

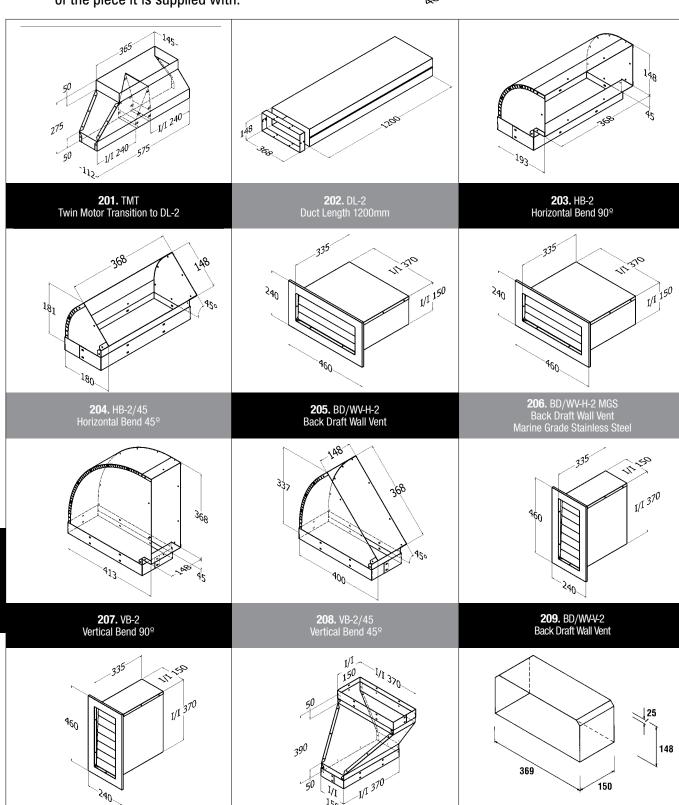
NOTE:

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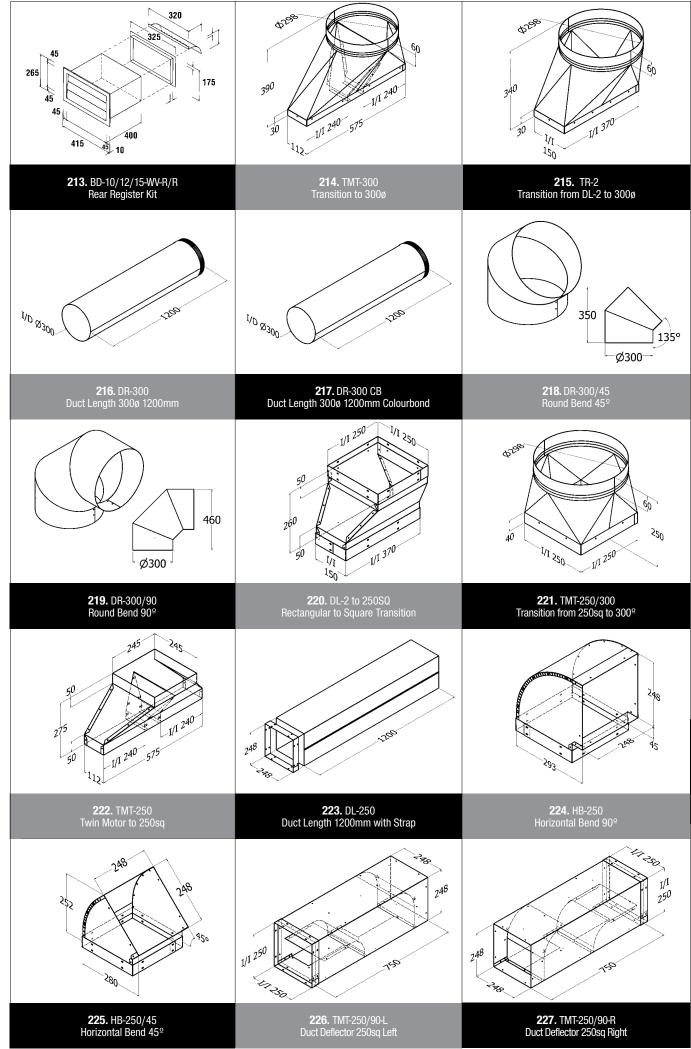


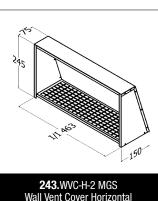


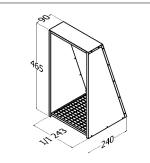
212. DLE-2 to DLE-2 Flue Joiner



211. TT-2



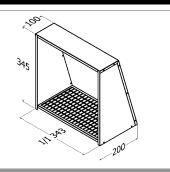


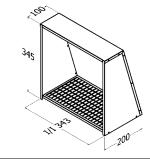


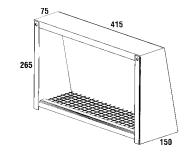
243.WVC-H-2 MGS Wall Vent Cover Horizontal Marine Grade Stainless Steel

244. WVC-V-2 Wall Vent Cover Vertical

245. WVC-V-2 MGS Wall Vent Cover Vertical Marine Grade Stainless Steel

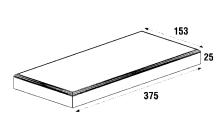


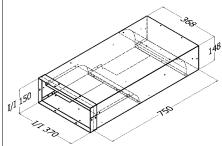




246. WVC-250SQ Wall Vent Cover 250sq

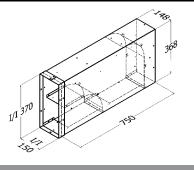
247. WVC-250SQ MGS Wall Vent Cover 250sq Marine Grade Stainless Steel

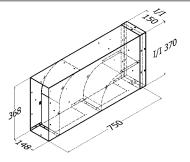




249. 10/12/1500H-SC Spiggot Cap 10/12/1500H

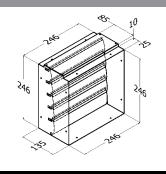
250. DD-2H-L Duct Director Horizontal Left

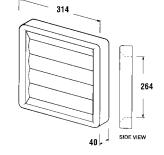




252. DD-2V-L Duct Director Vertical Left

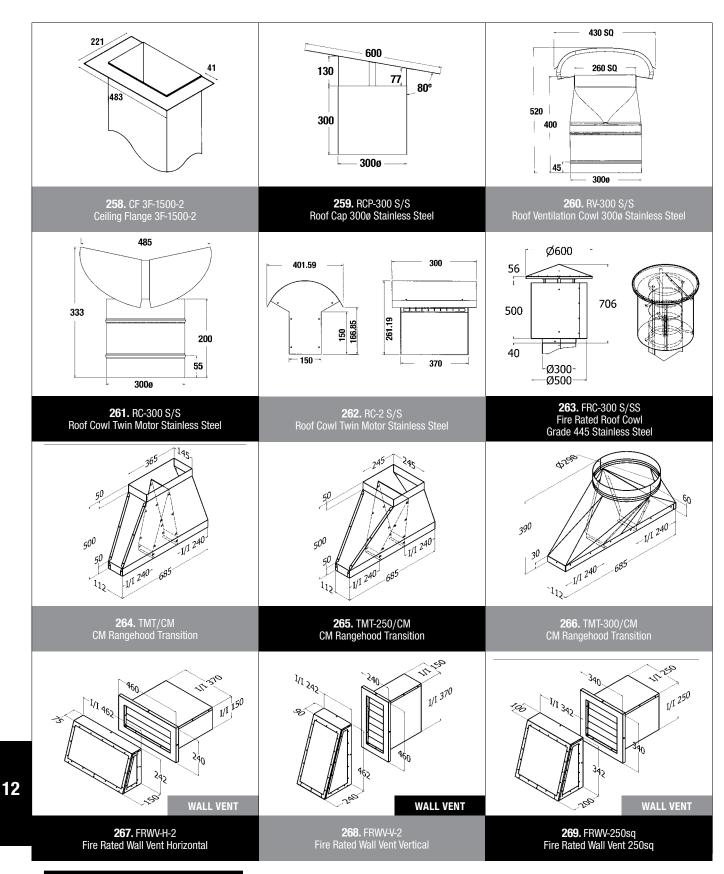
253. DD-2V-R Duct Director Vertical Right





255. BD/M-250SQ Back Draft Damper 250sq

256. AS-25 Back Draft Shutter



WALL VENT SPECIFICATIONS

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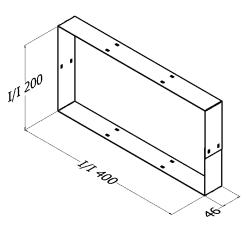
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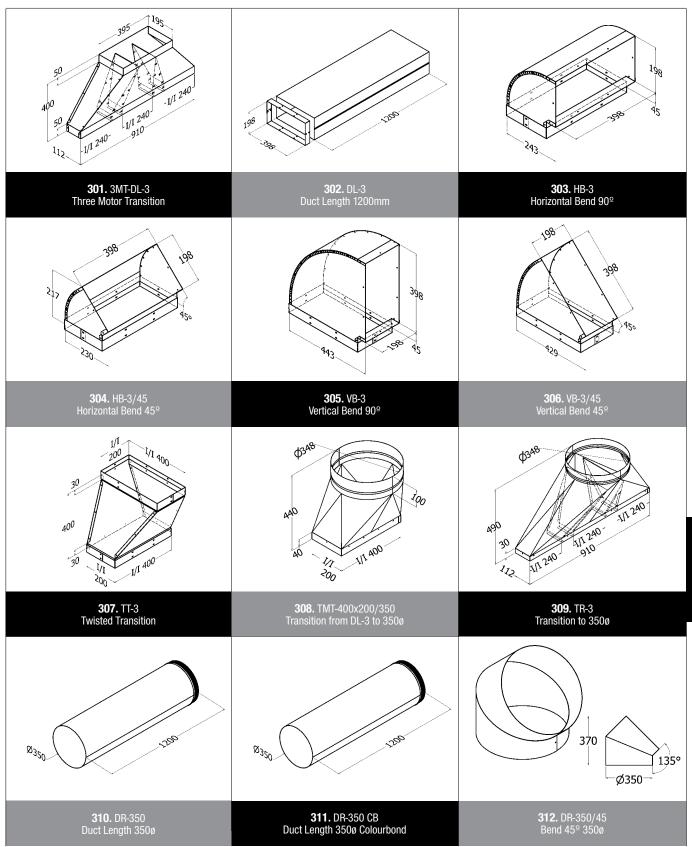


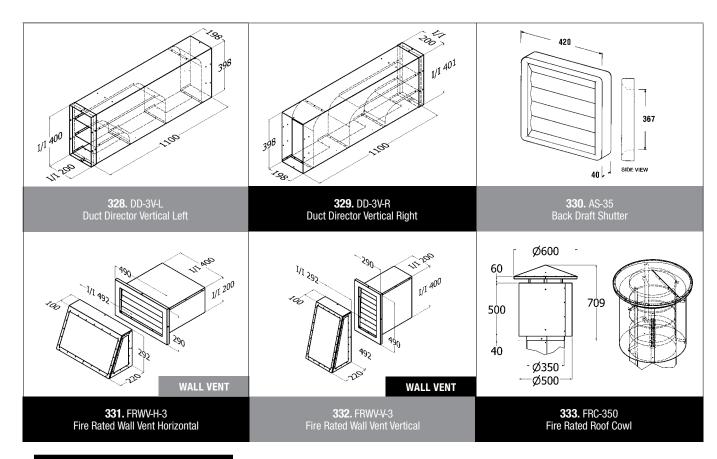
TRIPLE MOTOR DUCTING I/D Internal Diameter

NOTE:

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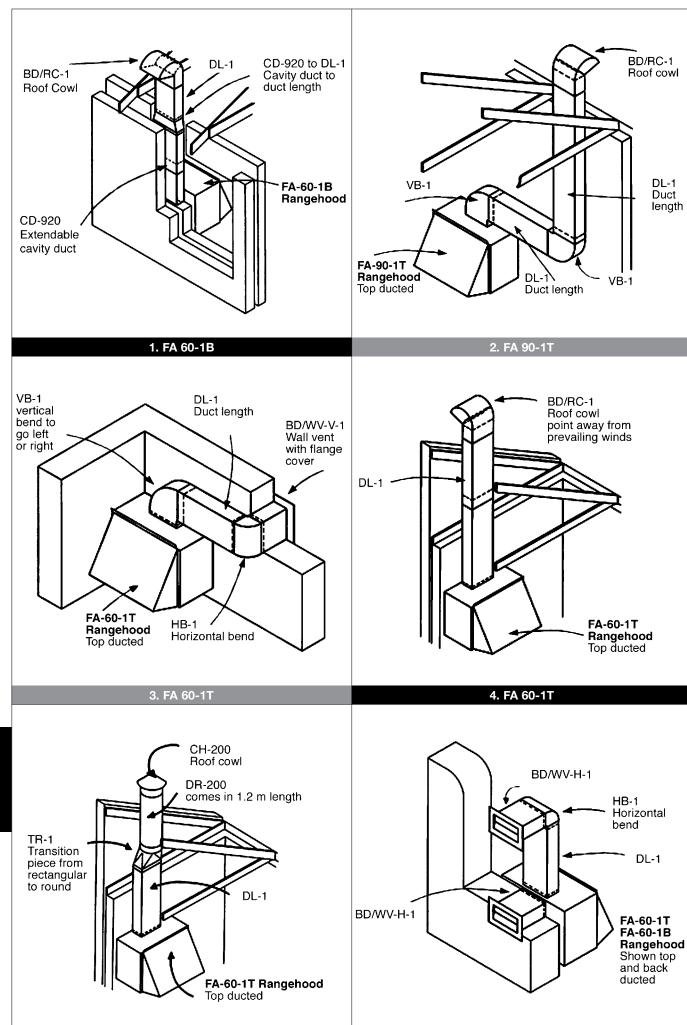






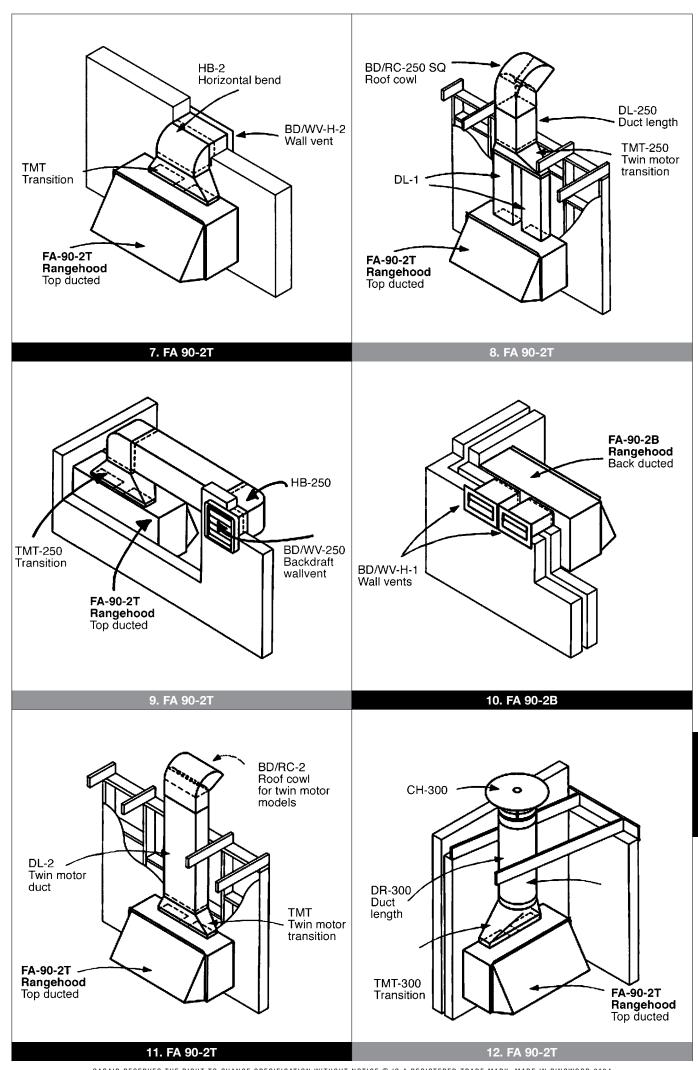
WALL VENT SPECIFICATIONS

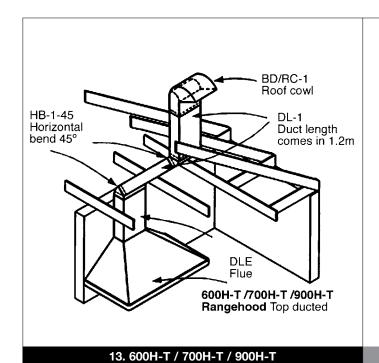
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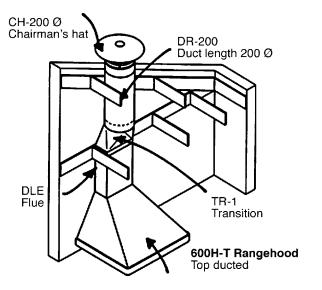


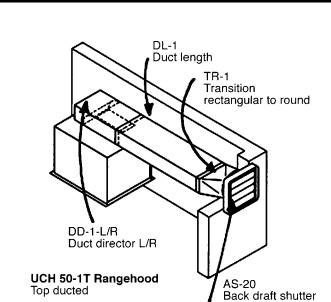
6. FA 60-1T / FA 60-1B

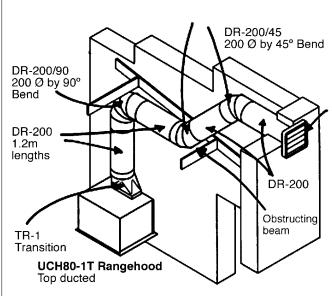
5. FA 60-1T





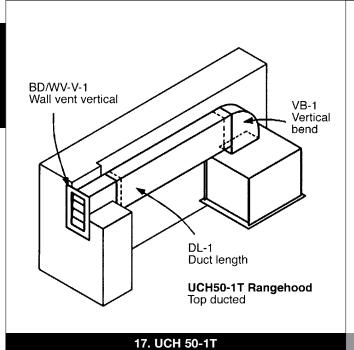




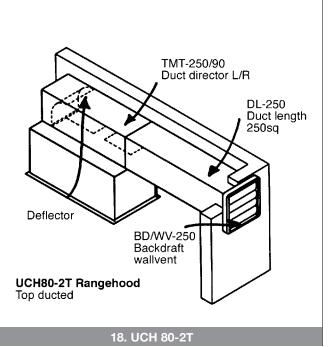


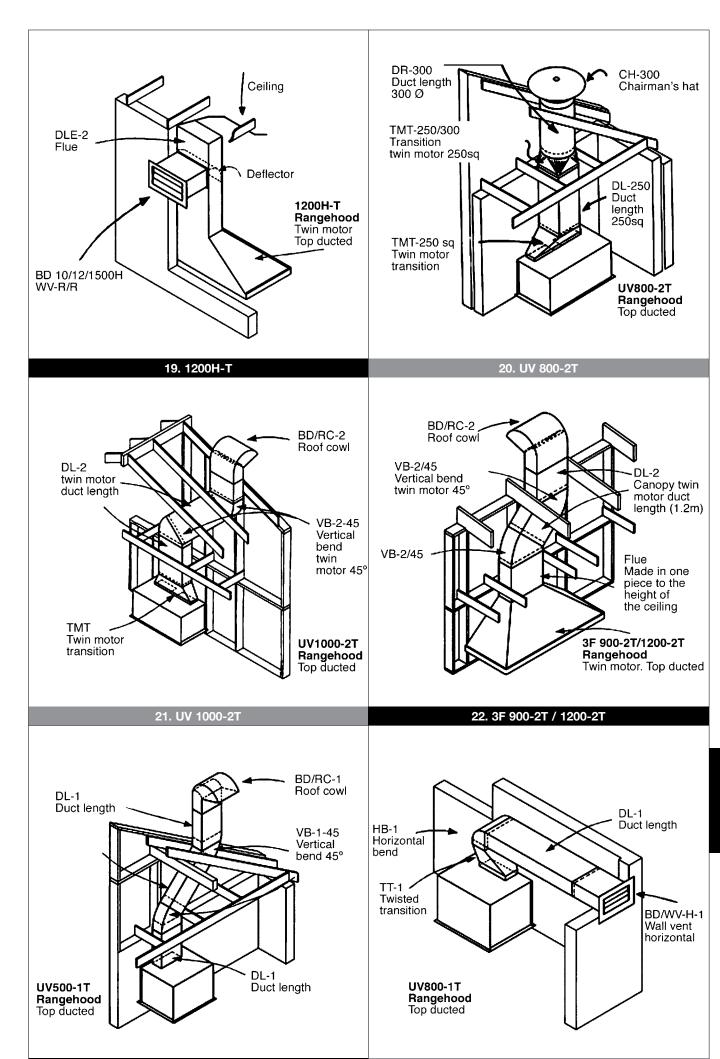
16. UCH 80-1T

14. 600H-T



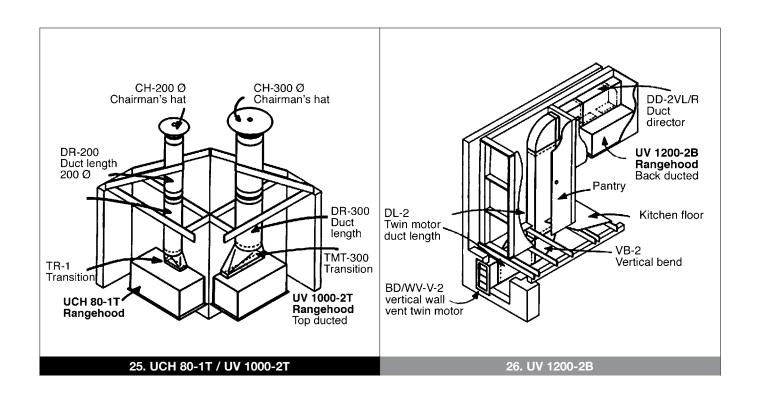
15. UCH 50-1T





24. UV 800-1T

23. UV 500-1T



NC	TE	S		_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_
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