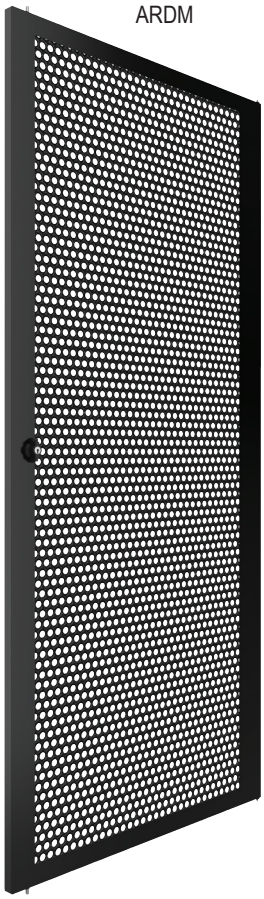
Data ICT Cabinet Doors

Steel and Mesh Doors to Suit Data Range

Mesh Doors - Single

To maximise airflow all mesh doors consist of 63% or 60% open mesh and include a lockable wing knob and two point locking as standard (keyed to 92268).

		To suit cabinets & frames		
Part Number	Description	RU	Width (mm)	Product Range
ARDM18U06▲	Single Mesh Steel Doors (63% open mesh)	18	600	Ausrack Plus
ARDM18U08▲		18	800	
ARDM24U06▲		24	600	
ARDM24U08		24	800	
ARDM27U06▲		27	600	
ARDM27U08▲		27	800	
ARDM40U06▲		40	600	
ARDM40U08▲		40	800	
ARDM42U06▲		42	600	
ARDM42U08▲		42	800	
ARDM45U06		45	600	
ARDM45U08		45	800	
ARDM47U06▲		47	600	
ARDM47U08▲		47	800	
ARDM48U06▲		48	600	
ARDM48U08▲		48	800	
ATDM45U06▲	Single Mesh Steel Doors (63% open mesh)	45	600	Ausrack TxD
ATDM45U08▲		45	800	
ARDXM12U06	Single Mesh Steel Doors (60% open mesh)	12	600	onyX
ARDXM18U06▲		18	600	
ARDXM22U06▲		22	600	
ARDXM24U06		24	600	
ARDXM32U06▲		32	600	
ARDXM42U06▲		42	600	
ARDXM42U8		42	800	
ARDXM45U06▲		45	600	
ARDXM45U08▲		45	800	
ARDXM47U06▲		47	600	
ARDXM47U08▲		47	800	



▲ Available on request

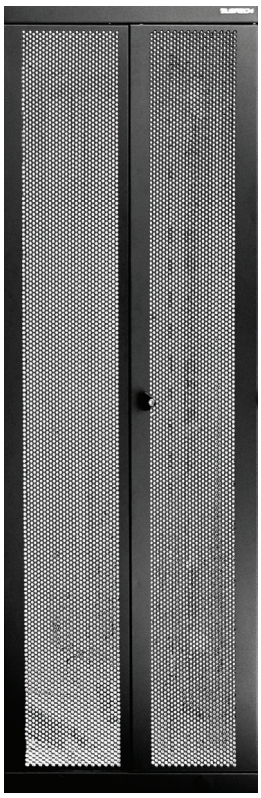
Data ICT Cabinet Doors

Steel and Mesh Doors to Suit Data Range

Mesh Doors - Split

To maximise airflow all mesh doors consist of 63% or 60% open mesh and include a lockable wing knob and two point locking as standard (keyed to 92268).

		To suit cabinets & frames		
Part Number	Description	RU	Width (mm)	Product Range
ARDD18U06▲	Split Mesh Steel Doors (63% open mesh)	18	600	Ausrack Plus
ARDD18U08▲		18	800	
ARDD24U06▲		24	600	
ARDD24U08▲		24	800	
ARDD27U06▲		27	600	
ARDD27U08▲		27	800	
ARDD40U06▲		40	600	
ARDD40U08▲		40	800	
ARDD42U06▲		42	600	
ARDD42U08▲		42	800	
ARDD45U06▲		45	600	
ARDD45U08		45	800	
ARDD47U06▲		47	600	
ARDD47U08▲		47	800	
ARDD48U06▲		48	600	
ARDD48U08▲		48	800	
ATDD45U06▲	Split Mesh Steel Doors (63% open mesh)	45	600	Ausrack TxD
ATDD45U08▲		45	800	
ARDXDD42U06▲	Split Mesh Steel Doors (60% open mesh)	42	600	onyX
ARDXDD42U08▲		42	800	
ARDXDD45U06▲		45	600	
ARDXDD45U08▲		45	800	
ARDXDD47U06		47	600	
ARDXDD47U08▲		47	800	

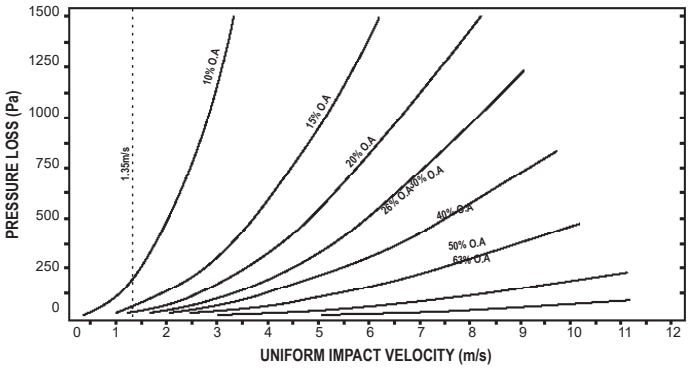


ARDD

Why 60-63% Mesh Doors Will Work For You

Pressure Loss vs Impact Velocity For Various Open Area Perforated Plates

Source: Industrial Perforators Association (1993)



In many applications of mesh doors, the pressure loss through the door is one of the design considerations.

As seen in the graph, B&R's 60-63% mesh doors will have a negligible pressure drop at these velocities. Most computer room air conditioners generate more than 20Pa of pressure, more than enough to overcome the pressure drop at the door in a containment situation.

For example, in a data centre environment, a 15kW heat load in a 45RU cabinet would require 3500m3/h of airflow. This is equivalent of a 1.35m/s impact velocity. In a containment situation with a positive aisle pressure this will be more than the pressure drop of the doors and the equipment will receive sufficient air flow.

With such a negligible restriction to airflow, the higher percentages available in the market have no real advantage. The 60-63% mesh was developed as a cross over point of functional performance and higher security.

▲ Available on request

Window Doors

Window doors are available with an acrylic insert panel. An option is also available for venting for airflow. All doors include a lockable wing knob and two point locking as standard. (keyed to 92268) Electronic remote controlled, monitored locking systems, swing handles, custom keying and 3-point locking (ARP3L) are available on request.

		To suit cabinets & frames		
Part Number	Description	RU	Width (mm)	Range
ARDA18U06▲	Acrylic Window Door	18	600	Ausrack Plus
ARDA18U08▲		18	800	
ARDA24U06▲		24	600	
ARDA24U08▲		24	800	
ARDA27U06▲		27	600	
ARDA27U08▲		27	800	
ARDA40U06▲		40	600	
ARDA40U08▲		40	800	
ARDA42U06▲		42	600	
ARDA42U08▲		42	800	
ARDA45U06▲		45	600	
ARDA45U08		45	800	
ARDA47U06▲		47	600	
ARDA47U08▲		47	800	
ARDA48U06▲		48	600	
ARDA48U08▲		48	800	
ATDA45U06▲	Acrylic Window Door	45	600	Ausrack TxD
ATDA45U08▲		45	800	
ARAV24U06▲	Vented Acrylic Window Door	24	600	Ausrack Plus
ARAV24U08▲		24	800	
ARAV40U06▲		40	600	
ARAV40U08▲		40	800	
ARAV45U06▲		45	600	
ARAV45U08▲		45	800	

ARDA

▲ Available on request

Data ICT Cabinet Doors

Steel and Mesh Doors to Suit Data Range

Steel Doors

All steel doors include a lockable wing knob and two point locking as standard (keyed to 92268). Electronic remote controlled, monitored locking systems, swing handles, custom keying and 3-point locking (ARP3L) are available on request.

		To suit cabinets & frames		
Part Number	Description	RU	Width (mm)	Range
ARDS18U06▲	Single Steel Door	18	600	Ausrack Plus
ARDS18U08▲		18	800	
ARDS24U06▲		24	600	
ARDS24U08▲		24	800	
ARDS27U06▲		27	600	
ARDS27U08▲		27	800	
ARDS40U06▲		40	600	
ARDS40U08▲		40	800	
ARDS42U06▲		42	600	
ARDS42U08▲		42	800	
ARDS45U06▲		45	600	
ARDS45U08		45	800	
ARDS47U06▲		47	600	
ARDS47U08▲		47	800	
ARDS48U06▲		48	600	
ARDS48U08▲		48	800	
ATDS45U06▲	Single Steel Door	45	600	Ausrack TxD
ATDS45U08▲		45	800	
ARSS24U06▲	Split Steel Doors	24	600	Ausrack Plus
ARSS24U08▲		24	800	
ARSS40U06▲		40	600	
ARSS40U08▲		40	800	
ARSS45U06▲		45	600	
ARSS45U08▲		45	800	

ARDS

ARSS

10-09-2025

▲ Available on request