

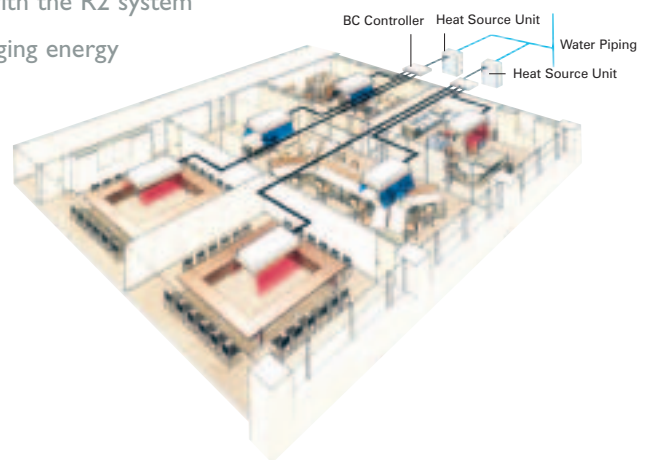
WR2 Series (8/10hp)

R407c Water Cooled Condensing Unit Simultaneous Heating and Cooling with Double Heat Recovery

The WR2 system has double heat recovery potential, making this system very economical. Not only does it produce heat recovery from indoor units on the same refrigerant circuit, it also produces heat recovery via the water circuit between heat source units.



- > All the benefits of the R2 Series with water cooled condensing units
- > High COPs possible thanks to increased efficiency and careful control of water circuit temperature
- > Unique 2-pipe refrigerant circuit allows simultaneous heating and cooling plus heat recovery between indoor units as with the R2 system
- > Total building heat recovery made possible by exchanging energy in both refrigerant and water circuits
- > Combining WR2 with CHP waste process or ground source energy provides unique application solutions
- > Up to 16 indoor units can be connected to each condensing unit
- > Internal location of heat source unit offers increased application flexibility



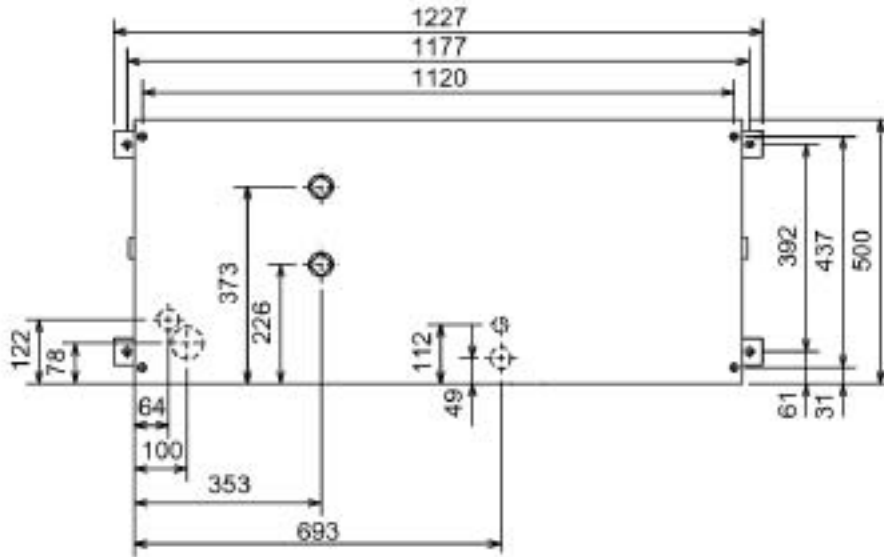
Technical Information >>

WR2 SERIES HEAT SOURCE UNIT - 8/10hp		PQRY-P200YMF-C	PQRY-P250YMF-C
MODEL REFERENCE			
CAPACITY (kW)	Heating (nominal)	25.0	31.5
	Cooling (nominal)	22.4	28.0
POWER INPUT (kW)	Heating (nominal)	7.40	9.40
	Cooling (nominal)	7.60	9.70
MAX No. OF CONNECTABLE INDOOR UNITS		15	16
NOISE (dBA)		51	52
WEIGHT (kg)		270	280
DIMENSIONS (mm)	Width	1150	1150
	Depth	500	500
	Height	1670	1670
ELECTRICAL SUPPLY		380-415v, 50Hz	380-415v, 50Hz
PHASE		3	3
STARTING CURRENT (A)		12	12
RUNNING CURRENT (A)	Heating	11.4	14.5
	Cooling	11.7	14.9
FUSE RATING (BS88) – HRC (A)		25	32
MAINS CABLE No. Cores		4 + earth	4 + earth

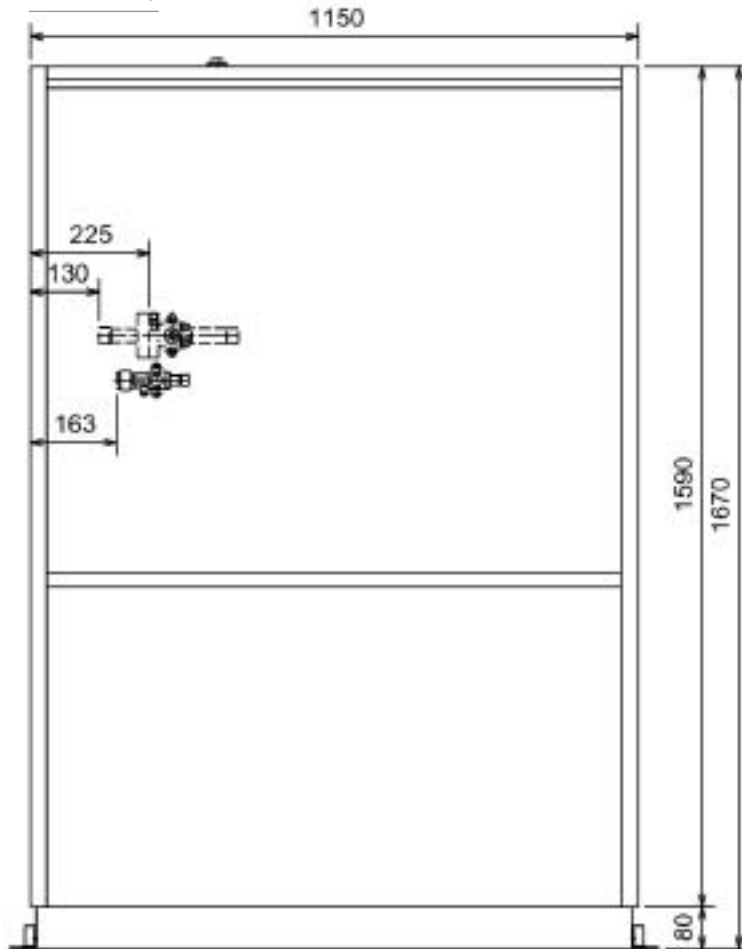
PQRY-P200/250YMF-C Piping Restrictions	
TOTAL PIPING LENGTH	220m max
FURTHEST PIPING LENGTH	100m max
BETWEEN OUTDOOR AND BC CONTROLLER - LENGTH	70m max (60m max when capacity exceeds 130%)
BETWEEN INDOOR AND BC CONTROLLER - LENGTH	30m max
BETWEEN INDOOR AND OUTDOOR UNITS - LENGTH	50m max (40m max if outdoor installed below)
BETWEEN INDOOR AND BC CONTROLLER - HEIGHT	15m max
BETWEEN INDOOR AND INDOOR UNITS - HEIGHT	15m max

PQRY-P200, 250YMF-C

Upper View >



Front View >



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