

QHF series high cool air shower nozzles

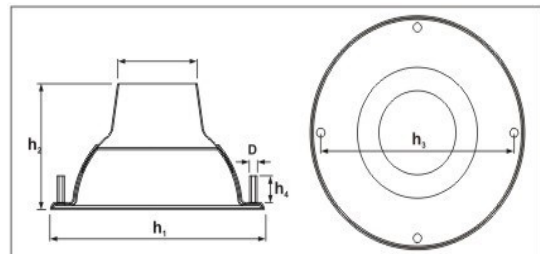


QHF

QHF cold air shower nozzle (adjustable) consists of spray ball, internal and external bellmouth and fixed flange, a gasket was installed between two bellmouths. As per $V=F/S$ rules, the "S" is small, the "V" will be large, so the diameter of inlet and outlet is a degressive design, in order to concentrate air flow rate and improve the speed. We made them with metal, SS10 also is available. Ball dia. of orifice: 40-50mm, 60-70mm, 80-100mm.

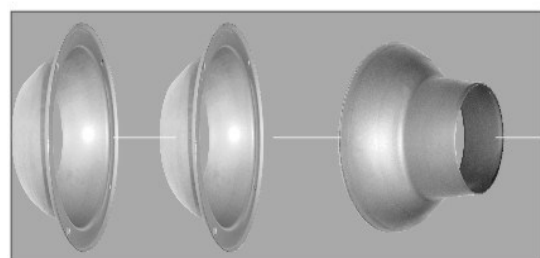
DIMENSIONS

Type	Ball dia.	Dimension (mm)					D1	SS
		h1	h2	h3	h4			
QHF	40-50	114	77	118	22	4	250	
	60-70	142	77	128	22	4	270	
	80-100	170	100	152	22	4	300	



PARAMETER OF QHF

Type	Effective area (m ²)	Air blowing spit volume (m ³)					
		V=2m/s	V=3m/s	V=4m/s	V=5m/s	V=6m/s	V=7m/s
QHF40	1.26×10^{-3}	9	14	18	23	27	32
QHF50	1.96×10^{-3}	14	21	28	35	42	49
QHF65	3.31×10^{-3}	24	36	48	60	72	84
QHF70	3.84×10^{-3}	28	40	55	69	83	97
QHF100	7.85×10^{-3}	56	85	113	141	169	198



External bellmouth Internal bellmouth Fixed flange

COMMON APPLICATIONS

- Strong cold dry line
- High temperature drying line
- Air-conditioning supply and position air supply

ORDERING INFORMATION

QHF — 30 — SS303
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 Type No. Ball dia. Material code