KRUGER

IJC SERIES

CABINET JET FAN





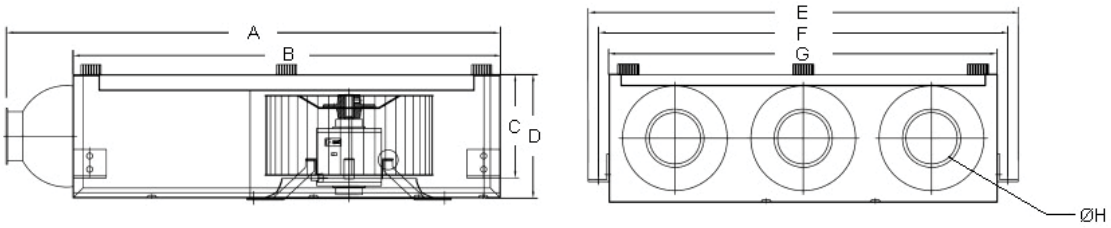


Cabinet Jet Fan - **IJC Series**

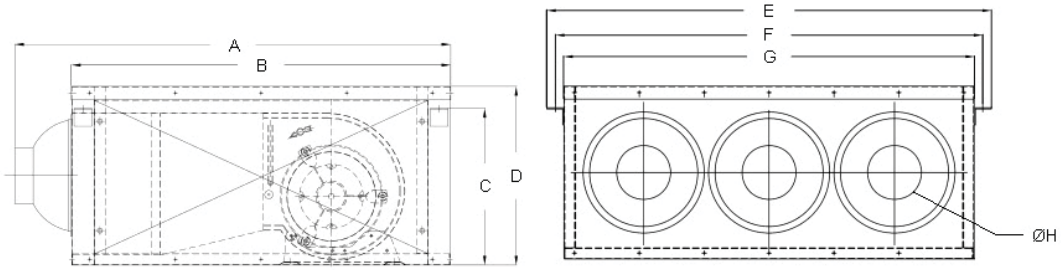
- Cabinet is manufactured in galvanised sheet steel.
- Incorporates direct driven forward curved SISW centrifugal fan or DIDW centrifugal fan.
- Aluminum nozzles can rotate 360° to provide air jet in any direction.
- Can be installed alongside beam to save head space.
- Removable access panel for easy access to fan and motor.
- All units are complete with hanger (bolted to unit).

Optional Features:
- Internal Insulation
- Filter with throw-away media

Dimension



Model	A	B	C	D	E	F	G	H
IJC 225 70W 4P-1 1SY	740	640	155	185	620	590	560	74



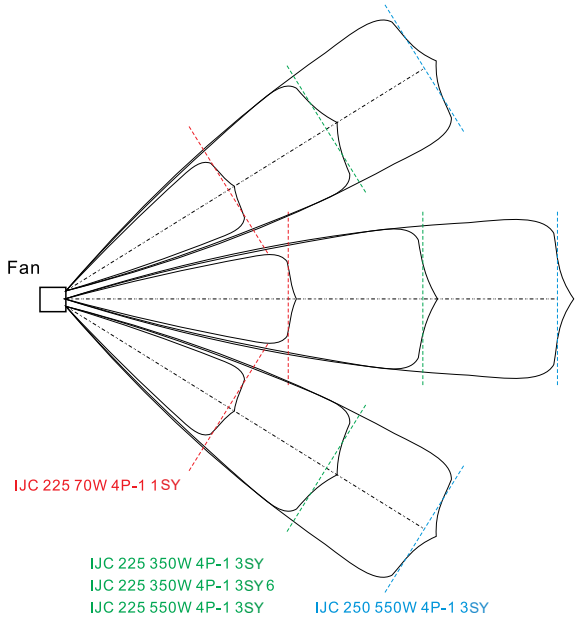
Model	A	B	C	D	E	F	G	H
IJC 225 350W 4P-1 3SY IJC 225 350W 4P-1 3SY6 IJC 225 550W 4P-1 3SY	976	850	350	400	1028	988	950	127
IJC 250 550W 4P-1 3SY	1276	1150	400	500	1028	988	950	127

All dimensions in mm.

Technical Data

Model	Max.Q (m3/h)	Power (W)	Max. Amp. (A)	Motor Prot.	Ins. Class	RPM	Voltage	Phase	Hz	Nozzle Diameter (mm)	Outlet Velocity (m/s)	uF/V
IJC 225 70W 4P-1 1SY	630	70	0.9	IP20	F	1300	220-240	1	50	74	13.56	3.5/450
IJC 225 350W 4P-1 3SY	1850	350	2.6	IP21	F	1250	220-240	1	50	127	13.52	12.5/450
IJC 225 350W 4P-1 3SY6	1950	350	4.0	IP21	F	1320	220-240	1	60	127	14.25	12.5/450
IJC 225 550W 4P-1 3SY	2050	550	3.6	IP21	F	1370	220-240	1	50	127	14.98	16.0/450
IJC 250 550W 4P-1 3SY	2900	550	4.8	IP21	F	1280	220-240	1	50	127	21.20	16.0/450

Velocity Profile



Distance from Nozzle(m)		0	2	4	6	8	10	12	14	16	18	20
Center Line Velocity (m/s)*	IJC 225 70W 4P-1 1SY	13.56	5.52	1.25	0.83	0.55	0.25	-	-	-	-	-
	IJC 225 350W 4P-1 3SY	13.52	8.31	2.44	1.63	1.22	0.87	0.68	0.46	0.24	-	-
	IJC 225 350W 4P-1 3SY6	14.25	8.76	2.57	1.71	1.28	0.91	0.71	0.49	0.25	-	-
	IJC 225 550W 4P-1 3SY	14.98	9.21	2.70	1.80	1.35	0.96	0.75	0.51	0.26	-	-
	IJC 250 550W 4P-1 3SY	21.20	12.31	3.61	2.41	1.80	1.44	1.06	0.73	0.64	0.47	0.25

*Tentative data based on free air jet.

KRUGER
Ventilation Group

THAILAND (REGIONAL HEADQUARTER)

KRUGER VENTILATION INDUSTRIES ASIA CO., LTD.
30/159 Moo 1, Sinsakorn Industrial Estate, Chetsadawithi Road, Khok Kham Mueng, Samuthsakorn 74000, Thailand
Tel: +662 1054298 Fax: +662 0248256-9
Website: www.krugerfan.com

THAILAND

KRUGER VENTILATION IND. (THAILAND) CO., LTD.
30/105 Moo 1, Sinsakorn Industrial Estate, Chetsadawithi Road, Khok Kham Mueng, Samuthsakorn 74000, Thailand
Tel: +662 1050399 Fax: +662 1050370-2
Email: mktg@kruger.co.th

INDIA

KRUGER VENTILATION INDUSTRIES (INDIA) PVT. LTD.
Kruger Centre, Mumbai-Nasik Highway, Kalamgaon, Shahapur, Thane 421601, Maharashtra, India
Tel: +91 9960558899/9975577211
Email: sales@krugerindia.com

INDIA (NORTH)

KRUGER VENTILATION INDUSTRIES (INDIA) PVT. LTD.
Khasra No. 150//20/2/1, 21/1/2, 22/2, 151//16/2/2, Village Rohad, Tehsil Bahadurgarh, Jhajjar, Haryana-124507, India
Tel. +91-9958991652/9958991660/8586966303
Fax +91-1276-278096
Email: sales.kni@krugerindia.com, service@krugerindia.com

KOREA

NEOMATE CO., LTD.
2-1010, Ace High Tech City B/D, 775 Gyeongin-ro, Yeongdeungpo-gu, Seoul, Korea. Postal Code 07299
Tel: +82-2-2679-2052 Fax: +82-2-2679-2174
Email: y7890@neomate.co.kr

SINGAPORE

KRUGER ENGINEERING PTE. LTD.
2 Venture Drive #20-23, Vision Exchange, Singapore 608526.
Tel: +65 68631191 Fax: +65 68631151
Email: mktg@krugerfan.com

AUSTRALIA

S&P KRUGER AUSTRALIA PTY. LTD.
2 Cunningham St, Moorebank N.S.W. 2170
Tel: +61 2-98227747
Fax: +61 2-98227757
Email: info@sandpkruger.com.au

INDONESIA

P.T. KRUGER VENTILATION INDONESIA.
JL. Teuku Umar No.20, RT. 001/RW. 001.
Karawaci, Tangerang 15115, Indonesia
Tel: +62 21-5512288/5513557/5513576/5514353
Fax: +62 21-5513502
Email: mktg@krugerindo.co.id

VIETNAM

KRUGER VENTILATION INDUSTRIES (VIETNAM) CO., LTD.
Lot A7. 2-4, C2 Road, Thanh Thanh Cong IZ,
Trang Bang Dist. Tay Ninh Province, Vietnam
Tel: +84-276 3585200/01/02
Fax: +84-276 3585199
Email: mktg@krugervn.com

CHINA (GUANGZHOU)

GUANGZHOU KRUGER VENTILATION CO., LTD.
No. 9 Huahui Road, Huashan, Huadu,
Guangzhou, P.R. China 510880
Tel: +86 20-66356635 Fax: +86 20-86786001/86786500
Email: kgv@krugerfan.com.cn

CHINA (TIANJIN)

TIANJIN KRUGER VENTILATION CO., LTD.
Jingjin Science and Technology Park
Wuqing District, Tianjin, China
Tel: +86 22-22143480/3481 Fax: +86 22-22143482
Email: ktj@krugerfan.com.cn

CHINA (SHANGHAI)

SHANGHAI KRUGER VENTILATION CO., LTD.
No.500 Yuanguo Road, Anting,Jiading District,
Shanghai 201814, P.R. China
Tel: +86 21-69573266 Fax: +86 21-69573296
Email: ksh@krugerfan.com.cn

CHINA (WUHAN)

WUHAN KRUGER VENTILATION CO., LTD.
No. 805, Huian Ave, Dongxihu District, Wuhan,
Hubei, P.R. China 430040
Tel: +86 27- 83248840/83060522/83097505
Fax: +86 27- 83261886
Email: kwv@krugerfan.com.cn

HONG KONG

KRUGER VENTILATION (HONG KONG) LIMITED.
Flat C, 9/F, Yeung Yiu Chung (No.8) Industrial Building,
20 Wang Hoi Road, Kowloon Bay, Kowloon, Hong Kong
Tel: +852 22469182 Fax: +852 22469187
Email: info@kruger.com.hk

TAIPEI

KRUGER VENTILATION (TAIWAN) CO., LTD.
No. 157, Ping-an Rd, Hengfeng Village, Dayuan Shiang
Taoyuan County 337, Taiwan
Tel: +886 3-3859119 Fax: +886 3-3859118
Email: sales@krugertwn.com.tw

MALAYSIA

KRUVENT INDUSTRIES (M) SDN. BHD.
Lot 850, Jalan Subang 7, Taman Perindustrian
Subang, 47500, Subang Jaya, Selangor D.E.
Tel: +603 80743399 Fax: +603 80743388
Email: mktg@kruger.com.my

PHILIPPINES

KRUGER M & E INDUSTRIES CORP.
B3 Welborne Industrial Park, Bancal,
Carmona, Cavite, Philippines 4116
Tel: +63-917 561 9088, +63-917 596 7288
+63-917 712 8438, +63-917 306 8288

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